



PowerGEM

Power Grid Engineering & Markets

Southwest Connecticut Transmission Expansion:
East Shore to Norwalk All Underground, 387 Line
Reconducted with 2x954 and Looped into Beseck:
Transmission Loading and Voltage Analysis @ 27.7
GW Load, NE-NY ± 700 MW and 0 MW

Prepared for:

The United Illuminating Company

and

Northeast Utilities

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PowerGEM Report 10021.001-12
September 7, 2004

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Executive Summary

This report summarizes power flow analysis conducted for The United Illuminating Company (UI) and Northeast Utilities (NU) for one option considered for expanding the New England 345 kV transmission system into southwest Connecticut (SWCT). The transmission option examined, called East Shore to Norwalk with a Reconductored 387 Line Looped into Beseck in this report, is for a 345 kV transmission path from Beseck to East Shore to Norwalk Substation, with interconnecting substations between these stations.¹ The East Shore to Norwalk with a reconductored 387 line looped into Beseck transmission option, consisting primarily of underground cables with one section of overhead line, is described as follows:

From	To	Distance	Transmission
Beseck	East Shore	20 miles	345 kV overhead, 2x954 conductor (reconductored 387 line)
East Shore	East Devon	15 miles	345 kV underground, 2500 kcmil HPFF, three parallel cables
East Devon	Singer	8 miles	345 kV underground, 2500 kcmil HPFF, two parallel cables
Singer	Norwalk	15 miles	345 kV underground, 2500 kcmil HPFF, two parallel cables

This option includes a new 345 kV switching station located at Beseck Junction. The existing 387 line (Scovill Rock to East Shore) is reconductored with 2x954 conductor and looped into Beseck. Reconfiguration of the 345 kV system also results in transmission connections from Beseck to the Haddam Neck, Haddam Auto, and Meriden 345 kV buses.

The focus of this report is to examine the effect of ± 700 MW and 0 MW transfers between New England (NE) and New York (NY), as well as the status of generation at the 447 MW New Haven Harbor Station (NHHS) for a 27.7 GW New England load level. When NHHS is off-line, the generation deficiency is made up by the proposed Kleen Energy generation project, which is expected to be connected to the Scovill Rock to Manchester 345 kV line very near the Scovill Rock Substation.

Companion reports examining alternative transmission configurations are referenced in Section 6 of this report.

¹ A planned 345 kV transmission expansion from the Plumtree to Norwalk substations, which is called Bethel to Norwalk, is assumed to be in-service in this analysis.

SWCT Transmission Expansion:
 East Shore to Norwalk with Reconductored 387 Line (2x954) Looped into Beseck
 Transmission Loading and Voltage Analysis, NE-NY ±700 MW and 0 MW

For each of the variations in NE-NY transfer and the status of NHHS generation, power flow analysis was conducted with four southwest Connecticut generation dispatches. Loading and voltage performance of the Connecticut system was monitored for the 115 kV and 345 kV transmission systems. In total, this results in twenty-four dispatch conditions studied.

Despite reconductoring with 2x954 conductor the Beseck to East Shore section of the 387 line remains above its normal rating in the base case for eight dispatches. In addition, post contingency power flow on the 345 kV Southington-Frost Bridge 329 line and the 345 kV Southington to Meriden 362W line continue to exceed their long-time emergency ratings. Several 115 kV lines were above normal rating in at least one base case dispatch.

The table below summarizes the number of transmission elements experiencing overload in the study area for the various conditions analyzed:

	Number of Branches Experiencing Overloads					
	NE-NY 0 MW		NE-NY 700 MW		NY-NE 700 MW	
	NHHS On	NHHS Off	NHHS On	NHHS Off	NHHS On	NHHS Off
SWCT Dispatch ID	2C-5C	6C-9C	10C-13C	14C-17C	18C-21C	22C-25C
345 kV Line	1	2	4	4	0	1
115 kV Line	23	23	24	27	20	22
345/115 AutoTrans	1	1	1	1	0	1
138 kV CT-LI Tie (1)	0	0	0	1	1	2

(1) Overload of cable (line 1385) auto-transformer and or phase-shifter.

A review of the table indicates that NHHS off and NE-NY 700 MW results in the most overloads.

The table below summarizes the number of buses experiencing voltage violations in the study area for the various conditions analyzed:

	Number of Buses Experiencing Voltage Violations					
	NE-NY 0 MW		NE-NY 700 MW		NY-NE 700 MW	
	NHHS On	NHHS Off	NHHS On	NHHS Off	NHHS On	NHHS Off
SWCT Dispatch ID	2C-5C	6C-9C	10C-13C	14C-17C	18C-21C	22C-25C
345 kV Violations	0	0	0	5	0	0
115 kV Violations	9	9	9	15	9	9

1. Introduction

This report summarizes power flow analysis conducted for The United Illuminating Company (UI) and Northeast Utilities (NU) for one option considered for expanding the New England 345 kV transmission system into southwest Connecticut (SWCT). The transmission option examined, called East Shore to Norwalk with a Reconductored 387 Line Looped into Beseck in this report, is for a 345 kV transmission path from Beseck to East Shore to Norwalk Substation, with interconnecting substations between these stations.² The East Shore to Norwalk with a reconductored 387 line looped into Beseck transmission option, consisting primarily of underground cables with one section of overhead line, is described as follows:

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The focus of this report is to examine the effect of ± 700 MW and 0 MW transfers between New England (NE) and New York (NY), as well as the status of generation at the 447 MW New Haven Harbor Station (NHHS) for a 27.7 GW New England load level. When NHHS is off-line, the generation deficiency is made up by the proposed Kleen Energy generation project, which is expected to be connected to the Scovill Rock to Manchester 345 kV line very near the Scovill Rock Substation.

Companion reports examining alternative transmission configurations are referenced in Section 6 of this report.

² A planned 345 kV transmission expansion from the Plumtree to Norwalk substations, which is called Bethel to Norwalk, is assumed to be in-service in this analysis.

The objective of this study is to analyze and document the performance of this transmission configuration for steady-state base case and post-contingency transmission power flows and voltages.

The following Appendices are included in this report:

Appendix A	Underground Cable and Overhead Line Transmission Modeling Data
Appendix B	Power Flow Base Case One-Line Diagrams
Appendix C	Contingency File
Appendix D	Generation Dispatches
Appendix E	Summary of Overloads
Appendix F	Summary of Voltage Violations

2. Database

This section discusses the data developed and used in the study.

2.1. Power Flow Base Cases

Four power flow base cases, which included the approved Bethel to Norwalk 345 kV project in service, were utilized. PowerGEM revised each of the four cases to add the East Shore to Norwalk with a reconductored 387 line looped into Beseck transmission configuration. Details regarding the modeling of these circuits are provided in Appendix A. In addition the 345/115 kV autotransformers at East Shore were removed from the 387 line path.

Each of the four base cases provided had different Connecticut generation dispatches (designated dispatches 2, 3, 4, and 5), with zero transfers between New England and New York. For each of these cases other base case variations were prepared: a) 447 MW New Haven Harbor Station generator on-line or off-line and b) NE-NY \pm 700 MW transfers.

For all of these cases, when the 447 MW New Haven Harbor Station (NHHS) was turned off, it was replaced by generation from the proposed Kleen Energy project. Both generators are outside the SWCT interface. Appendix D contains a list of the on-line generation. Significant changes to the four SWCT dispatch cases (2, 3, 4, and 5) were restricted to New England generation.

Thus a total of twenty-four base cases were developed for the analysis in this report. To help organize the work and clearly identify the results, case or "dispatch" identifiers were assigned as summarized in the table below.

SWCT Generation Dispatch ID	Case or "Dispatch" Identifier					
	NE – NY 0 MW		NE – NY 700 MW		NY – NE 700 MW	
	NHHS On-line	NHHS Off-Line	NHHS On-line	NHHS Off-Line	NHHS On-line	NHHS Off-Line
2	2C	6C	10C	14C	18C	22C
3	3C	7C	11C	15C	19C	23C
4	4C	8C	12C	16C	20C	24C
5	5C	9C	13C	17C	21C	25C

The "C" in the identifier signifies that the modeling of the 387 line assumes that the line has been reconductored using bundled 2X954 conductor. An "ESB" is included in the case identifier in the load flow case title to distinguish these cases from those in references 1 through 8. (An example case name is ESB277-2C, where the "2C" is referenced in the table above.)

For this configuration a one-line diagram showing power flows and voltages for each of the twenty-four base cases is included in Appendix B. Also, the generation dispatch changes to create the New York to New England and New England to New York power transfers are included in Appendix B.

2.2. Contingency File

A contingency file was modified as appropriate for this study, including those contingencies required to model the proposed Kleen Energy project on the Scovill Rock to Manchester 345 kV line, the proposed Beseck Switching Station and the reconductored and rerouted 387 line to East Shore. This is contained in Appendix C.³

Note that the contingencies assume that no more than one circuit leaving Beseck Switching Station is opened. Thus it is assumed that the Beseck Switching Station is designed such that a breaker failure at Beseck does not result in loss of multiple circuits leaving Beseck.

³ Though contingency “devon-eshr2”, which trips two of the three East Shore to East Devon 345 kV cables, is included in the contingency files, it was not included in the results in this report as loss of two of the three parallel cables is not required to be evaluated.

3. Methodology and Results Files

This section describes the technical approach to the study, performance criteria, solution assumptions, and the format of the results.

3.1. Software

Set up of the power flow base cases used PTI's PSS/E software (Rev. 28). Base case and contingency analysis was conducted using PTI's MUST software (Rev. 5). Results from the MUST program are stored in Excel spreadsheets.

3.2. Performance Criteria

The criteria for checking overload and voltage performance were as follows:

- Buses and transmission branches in Connecticut 115 kV and above were monitored.
- For base case loading performance, transmission lines and transformers were checked against 100% of their normal ratings.
- For post-contingency loading performance, overloads of transmission lines and transformers were checked against 100% of the long-time emergency ratings.
- Buses 230 kV and above were checked for voltages less than 95% and greater than 105%. Buses in the 115 kV system were checked for voltages less than 90% and more than 105%.

3.3. Solution Options

For the analysis, tap-changing transformer and phase-shifting transformer adjustments were held fixed. For contingencies involving loss of generation/load the imbalance was made up by the system swing generator located outside New England.

4. Transmission Loading Results

The results of the analysis for transmission system loading violations, for both the base case and contingency conditions, are provided below.

4.1. Base Case Results

Loading on the 387S “south” line section for base case conditions is an important consideration for this transmission configuration, and is summarized in the following table. One-lines showing the flows on this line for each case are in Appendix B.

	<i>Beseck-East Shore Line (387S Line) (1488 MVA normal)</i>					
	NE – NY 0 MW		NE – NY 700 MW		NY – NE 700 MW	
SWCT Generation Dispatch ID	NHHS On-line	NHHS Off-Line	NHHS On-line	NHHS Off-Line	NHHS On-line	NHHS Off-Line
2	99%	116%	106%	123%	90%	107%
3	69%	85%	76%	92%	60%	76%
4	51%	68%	58%	75%	42%	59%
5	96%	112%	103%	120%	87%	104%

As indicated by the shaded entries in the table, there are eight dispatches for which the Beseck-East Shore line is above normal rating in the base case, with the highest loading being 123%.

Base case loadings (in % of normal rating) for all circuits in the study system are summarized in the table below.

SWCT Transmission Expansion:
 East Shore to Norwalk with Reconductored 387 Line (2x954) Looped into Beseck
 Transmission Loading and Voltage Analysis, NE-NY ±700 MW and 0 MW

							NE-NY 700 MW						
							NHHS On			NHHS Off			
							10C	11C	13C	14C	15C	17C	
73169	RYTN J A	115	73172	NORWALK	115	1	112.7	107.6		115	109.7		
73172	NORWALK	115	73207	FLAX HIL	115	1	121	116		123.3	118.1		
73207	FLAX HIL	115	73271	RYTN J B	115	1	100.4			102.8			
73295	BESECK	345	73663	E.SHORE	345	1	105.8		102.6	122.6		119.5	
							NY-NE 700 MW						
							NHHS On			NHHS Off			
							18C	19C	22C	23C	25C		
73169	RYTN J A	115	73172	NORWALK	115	1	114.6	109.4	117	111.4			
73172	NORWALK	115	73207	FLAX HIL	115	1	122.9	117.9	125.3	119.9			
73207	FLAX HIL	115	73271	RYTN J B	115	1	102.3		104.8				
73295	BESECK	345	73663	E.SHORE	345	1			107		103.8		
							NY-NE 0 MW						
							NHHS On			NHHS Off			
							2C	3C	6C	7C	9C		
73169	RYTN J A	115	73172	NORWALK	115	1	113.5	108.3	115.9	110.4			
73172	NORWALK	115	73207	FLAX HIL	115	1	121.9	116.8	124.2	118.8			
73207	FLAX HIL	115	73271	RYTN J B	115	1	101.3		103.7				
73295	BESECK	345	73663	E.SHORE	345	1			115.6		112.3		

As the table indicates, there are three 115 kV transmission lines that are loaded above normal rating in the base case (in addition to the Beseck-East Shore 345 kV line).

4.2. Post-Contingency Results

4.2.1. Table of Results

A summary of the overload results is shown in Table 1. The values shown are the percentage overload over the long-time emergency rating. If a table entry is blank, there is no overload. More detailed results are provided in Appendix E.

Any transmission line or transformer in the study area at 115 kV or above that experiences a post-contingency overload in this study is listed in the first column of Table 1.

The second column is the maximum overload over all of the cases examined.

The remaining columns, one for each of the generation dispatches studied, show the **maximum overload of the branch in %** (considering all contingencies) for each dispatch. If the entry is shaded, this is the dispatch for which the maximum overload occurs. If multiple entries are shaded, then each of them is at or very near the maximum overload. If a Table 1 entry is blank, then the branch is not overloaded for that dispatch. To find more detail, for example which contingency causes the overload, and whether other contingencies overload the branch, the reader should refer to Appendix E.

4.2.2. Discussion of Results

The 345 kV transmission lines experiencing post-contingency overloads are summarized in the table below:

Maximum Post-Contingency Overloads 345 kV Transmission		
Line Name	Contingency Rating	Max Overload
East Devon to Singer (underground cable)	794 MVA	3.9%
Norwalk to Singer (underground cable)	794 MVA	15.3%
Frost Bridge to Southington (existing overhead line)	1446 MVA	22.6%
Southington to Meriden (existing overhead line)	1912 MVA	3.1%
Beseck to East Shore (reconductored 387S line)	1912 MVA	20.9%

One 345/115kV auto-transformer at Southington experiences post-contingency overloads in fifteen of the twenty-four dispatches studied, with the maximum overload being 16.1%.

Thirty-one 115 kV transmission lines indicate post-contingency overloads for at least one generation dispatch.

Finally, for dispatch 25C the transformers associated with the Connecticut to Long Island AC cables (1385 line) are overloaded by 14.1 % (NE end autotransformer) and 3.6% (NY end phase-shifter) which occurs when New York is exporting power to New England. A lower overload on the auto-transformer also occurs for dispatch 21C.

A general review of Table 1 indicates, for the most part, more overloads and overloads of higher severity for some circuits, when New England is exporting 700 MW to New York as opposed to the reverse transfer of 700 MW from New York to New England.

345 kV Line
 345/115 kV Autotransformer
 CT-LI cable (line 1385)
 115 kV Line

Max Ovrld		Table 1 (ESB Series Cases, Reconstructed 387 Line Looped into Beseck)																												
		Highest Overload: 27.7 GW NE Load, Dispatches 2C-25C, 3 Cables EShore-EDevon, 2 Cables EDevon-Norwalk																												
		NE - NY 700 MW														NY - NE 700 MW								NE - NY 0 MW						
		NHHS On-Line							NHHS Off-Line							NHHS On-Line				NHHS Off-Line				NHHS On-Line			NHHS Off-Line			
		10C	11C	12C	13C	14C	15C	16C	17C	18C	19C	20C	21C	22C	23C	24C	25C	2C	3C	4C	5C	6C	7C	8C	9C					
73104	FRSTEDGE 345 73106 SOUTHGTN 345 1	22.6	5.3		7.3	20.1			22.6																		6.9			9.1
73106	SOUTHGTN 345 73122 MERID362 345 1	3.1				1.2			3.1																					
73106	SOUTHGTN 345 73154 SGTN B 115 2	16.1	9.2	5.2	3.5	11.5	14	9.5	7.9	16.1							1.4	2.6			4.8	7.3	2.9	1.2	9.3					
73162	WATERSDE 115 73163 COS COB 115 1	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
73162	WATERSDE 115 73168 GLNBROOK 115 1	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
73164	BALDWNJA 115 73187 STEVENSN 115 1	4.3				4.3			1.8																					
73164	BALDWNJA 115 73202 FROST BR 115 1	13.5				13.5			11.8					1.5												7.7				4.5
73166	NORHR138 138 73171 NWLK HAR 115 1	14.1							4				9.3				14.1													
73167	SO.END 115 73294 GLNBRK J 115 1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
73168	GLNBROOK 115 73169 RYTN J A 115 1	3.8				1.8			2.9				2.7				3.8								2.2					3.3
73168	GLNBROOK 115 73237 ELYAVE 115 1	54.9			50.7	53.8			51.2	54.2			51.3	54.4			51.8	54.9			51	54			51.5	54.6				
73168	GLNBROOK 115 73271 RYTN J B 115 1	49.7	19.4	15.7	37.8	46.8	21.1	17.2	39.1	48.3	20.7	17	39.2	48.1	22.4	18.5	40.5	49.7	20	16.3	38.4	47.4	21.7	17.8	39.7	48.9				
73169	RYTN J A 115 73171 NWLK HAR 115 1	44.1			44	43.5			43.9	43.5			44.1	43.6			44	43.7			44.1	43.5			44	43.7				
73169	RYTN J A 115 73172 NORWALK 115 1	86.1	81	75.4			83.5	77.7			83.3	77.6			86.1	79.8			82.1	76.3			84.6	78.5						
73170	PLUMTREE 115 73176 TRIANGLE 115 1	84.9	75.1	74.2	73.4	74.4	83.5	83.8	74.1	84	75.9	74	71.3	74	84.9	75.4	72.1	83.6	75.6	74	72.4	74.1	83.9	75.3	73.1	83.8				
73170	PLUMTREE 115 73176 TRIANGLE 115 2	35.2	35	35	34.9	34.9	34.8	35.2	35.1	34.9	35	34.9	34.5	34.8	35	35.1	34.7	34.8	35	34.9	34.8	34.8	34.8	34.8	35.1	34.9	34.8			
73170	PLUMTREE 115 73268 MIDLRLV 115 1	186.9	184	183	183	183	187	187	184	187	184	183	183	183	187	184	183	187	184	183	183	183	187	184	183	187				
73171	NWLK HAR 115 73237 ELYAVE 115 1	61.1			49.5	58			50.7	59.3			51.1	59.6			52.4	61.1			50.2	58.7			51.5	60.2				
73171	NWLK HAR 115 73271 RYTN J B 115 1	4.4			4.2	4.2			4.2	4.4			4.3	4.2			4.2	4.4			4.2	4.2			4.2	4.4				
73172	NORWALK 115 73207 FLAX HIL 115 1	100.5	95.4	89.8			97.9	92.2			97.8	92.2			101	94.3			96.6	90.8			99	92.9						
73183	SHAWSHIL 115 73185 BUNKER H 115 1	3.3				2.4			3.3						0.7		1.8						1.7						2.7	
73188	BCNFL PF 115 73192 DRBY J B 115 1	32.9	29.3	27.2	26.3	31.6	31.3	27.6	26.7	32.9	29.5	27.3	26.3	31.6	31.4	27.8	26.8	32.8	29.3	27.3	26.3	31.6	31.3	27.7	26.7	32.9				
73196	GLEN JCT 115 73198 SOUTHGTN 115 1	30.5	4.3			4	28.2			30.5					12		11.6						20.3			20.6				
73198	SOUTHGTN 115 73631 WINGF PF 115 1	12.6					11.8			12.6													5.4			4.7				
73207	FLAX HIL 115 73271 RYTN J B 115 1	83.2	78	72.3			80.6	74.7			80.4	74.6			83.2	76.8			79.1	73.3			81.7	75.5						
73224	TRMB J A 115 73700 PEQUONIC 115 1	5.2			5.2								3								4.2									
73227	E.MERIDN 115 73633 NO.WALLF 115 1	26.9	17.7			19.1	25.4	5.3	0.4	26.9	14.7			16.2	22.3	2.5		23.8	16.2			17.7	23.7	4		25.2				
73228	BALDWNJB 115 73185 BUNKER H 115 1	5.3					3.4			5.3																				
73230	HADDAM 115 73231 BOKUM 115 1	18.2	4.7			5.1	17.5			18.2					10.2		10.8		1.4			1.8	14.1			14.7				
73230	HADDAM 115 73231 BOKUM 115 2	2.7					2.2			2.7																				
73231	BOKUM 115 73265 GREEN HL 115 1	2.3					1.7			2.3																				
73268	MIDLRLV 115 73176 TRIANGLE 115 1	125.7	123	122	122	123	125	126	123	126	123	122	122	122	126	123	122	125	123	122	122	122	126	123	122	126				
73295	BESECK 345 73663 E.SHORE 345 1	20.9	6.3			5.2	20.9			20					8.2		0.6						12.2			11.1				
73311	DEVSING2 345 73313 SINGDEV2 345 1	3.9	3.9																											
73317	NORSING2 345 73315 SINGNOR2 345 1	15.3		15.3	4				7.1												2.9									
73669	GRAND AV 115 73681 WEST RIV 115 1	0.6							0.6																	0.3				
73669	GRAND AV 115 73681 WEST RIV 115 2	0.6							0.6																	0.3				
73701	CRRA JCT 115 73703 ASHCREEK 115 1	0.2			0.2								0.2									0.2								
75053	NRHTPT P 138 75051 NRHTPRT1 138 1	3.6															3.6													

5. Transmission Voltage Results

5.1. Tables of Results

A summary of the most severe low voltage violations is provided in Table 2. Buses highlighted in yellow are 345 kV buses. The remaining buses are 115 kV buses.

More detailed results on the voltage analysis are provided in Appendix F. Since violations of high voltage limits were minor, they are not included in Table 2 but are included in Appendix F.

The values in Table 2 indicate the amount, in per-unit, that the bus voltage is below the low voltage criteria. More detailed information on the results of the voltage analysis may be found in tables in Appendix F.

5.2. Discussion of Results

Focusing on the results in Table 2, most voltages are for 115 kV buses. The worst voltages are for conditions for SWCT dispatch 17 (see Appendix D for a summary of generation dispatches). However, some other buses that experience post-contingency under-voltages for this dispatch also experience under-voltages for other dispatch conditions.

As indicated in the table, the 345 kV bus low voltage violations, which are highlighted in yellow, are for one contingency: loss of East Shore to Beseck 345 kV and one of the East Shore to Devon 345 kV underground cables.

Table 2 (ESB Series Cases, Reconstructed 387 Line Looped into Beseck)

Worst Low Voltage Violation: 27.7 GW NE Load, Dispatches 2C-25C, 3 Cables EShore-EDevon, 2 Cables EDevon-Norwalk

Max Viol	NE - NY 700 MW																						NY - NE 700 MW					NE - NY 0 MW				
	NHHS On-Line							NHHS Off-Line					NHHS On-Line					NHHS Off-Line					NHHS On-Line					NHHS Off-Line				
	10C	11C	12C	13C	14C	15C	16C	17C	18C	19C	20C	21C	22C	23C	24C	25C	2C	3C	4C	5C	6C	7C	8C	9C								
BALDWINB	0.040	0.022	0.015	0.016	0.035	0.028	0.016	0.016	0.040	0.022	0.015	0.015	0.034	0.028	0.015	0.015	0.039	0.022	0.015	0.015	0.035	0.027	0.016	0.016	0.040							
BCNFL PF	0.011			0.006					0.011				0.005				0.005				0.005				0.010							
BUNKER H	0.040	0.022	0.015	0.016	0.035	0.027	0.016	0.016	0.040	0.021	0.015	0.015	0.034	0.027	0.015	0.015	0.039	0.022	0.015	0.015	0.034	0.027	0.015	0.016	0.039							
DEVON	0.008								0.008																							
E. SHORE	0.013								0.013																							
ELMWST A	0.026				0.004	0.016			0.026				0.003	0.013			0.021				0.004	0.014			0.024							
ELMWST B	0.028				0.006	0.018			0.028				0.005	0.015			0.023				0.006	0.016			0.026							
FREIGHT	0.042	0.024	0.017	0.017	0.037	0.029	0.017	0.018	0.042	0.023	0.016	0.016	0.035	0.029	0.017	0.017	0.040	0.024	0.016	0.017	0.036	0.028	0.017	0.017	0.041							
GLEN JCT	0.012								0.012																							
GREEN HL	0.010								0.010																							
IND.WELL	0.001								0.001																							
JUNE ST	0.009								0.009																							
MIX AVE	0.016								0.016																							
NORWALK	0.003								0.003																							
PLUMTREE	0.007								0.007																							
SACKPHS	0.014								0.014																							
SINGER	0.006								0.006																							
SO.NAUG	0.010				0.005				0.010			0.004					0.009				0.005				0.009							

345 kV buses are highlighted in yellow
 115 kV buses are not highlighted

All 345 kV voltage violations are for one contingency: loss of East Shore to Beseck 345 kV line (387S) and one 345 kV cable from East Shore to Devon

Most severe violations, or those close to it, are highlighted in gray

6. References

1. Southwest Connecticut Transmission Expansion, East Shore to Norwalk 345 KV OH/UG Alternative: Transmission Loading and Voltage Analysis @ 27.7 GW Load, New Haven Harbor Station On-Line, NE-NY 0 MW, PowerGEM Report 10021.001-1 Revised, dated January 28, 2004.
2. Southwest Connecticut Transmission Expansion, East Shore to Norwalk 345 KV OH/UG Alternative: Transmission Loading and Voltage Analysis @ 27.7 GW Load, New Haven Harbor Station Off-Line, NE-NY 0 MW, PowerGEM Report 10021.001-2, dated January 28, 2004.
3. Southwest Connecticut Transmission Expansion, East Shore to Norwalk 345 KV OH/UG Alternative: Transmission Loading and Voltage Analysis @ 27.7 GW Load, 387 Line Re-conductored, New Haven Harbor Station On-Line, NE-NY 0 MW, PowerGEM Report 10021.001-3 dated January 28, 2004.
4. Southwest Connecticut Transmission Expansion, East Shore to Norwalk 345 KV OH/UG Alternative: Transmission Loading and Voltage Analysis @ 27.7 GW Load, 387 Line Re-conductored, New Haven Harbor Station Off-Line, NE-NY 0 MW, PowerGEM Report 10021.001-4 dated January 28, 2004.
5. Southwest Connecticut Transmission Expansion, East Shore to Norwalk 345 KV OH/UG Alternative: Transmission Loading and Voltage Analysis @ 27.7 GW Load, NE-NY \pm 700 MW, PowerGEM Report 10021.001-5 dated February 16, 2004.
6. Southwest Connecticut Transmission Expansion, East Shore to Norwalk 345 KV OH/UG Alternative: Transmission Loading and Voltage Analysis @ 27.7 GW Load, 387 Line Re-conductored, NE-NY \pm 700 MW, PowerGEM Report 10021.001-6 dated February 16, 2004.
7. Southwest Connecticut Transmission Expansion, East Shore to Norwalk 345 KV East Shore to East Devon All Underground Alternative: Transmission Loading and Voltage Analysis @ 27.7 GW Load, 387 Line Re-conductored, NE-NY \pm 700 MW and 0 MW, PowerGEM Report 10021.001-7 dated April 14, 2004.
8. Southwest Connecticut Transmission Expansion, East Shore to Norwalk with a Second 345 kV Line to East Shore: Transmission Loading and Voltage Analysis @ 27.7 GW Load, 387 Line Existing, Second Line to East Shore, NE-NY \pm 700 MW and 0 MW, PowerGEM Report 10021.001-8 dated May 25, 2004.

9. Southwest Connecticut Transmission Expansion: East Shore to Norwalk All Underground, 387 Line Reconductored with Genessee and Looped into Beseck: Transmission Loading and Voltage Analysis @ 27.7 GW Load, NE-NY ± 700 MW and 0 MW, PowerGEM Report 10021.001-9 dated July 20, 2004.
10. Southwest Connecticut Transmission Expansion; East Shore to Norwalk with a Second 345 kV Line to East Shore: Transmission Loading and Voltage Analysis @ 27.7 GW Load, 387 Line Reconductored, Second Line to East Shore, NE-NY ± 700 MW and 0 MW, PowerGEM Report 10021.001-10 dated September 7, 2004.
11. Southwest Connecticut Transmission Expansion: East Shore to Norwalk All Underground, 387 and 329 Lines Reconductored (using Genessee), Beseck Switching Station without Beseck to East Shore Line: Transmission Loading and Voltage Analysis @ 27.7 GW Load, NE-NY ± 700 MW and 0 MW, PowerGEM Report 10021.001-11 dated September 7, 2004.

Appendix A

Underground Cable and Overhead Line Transmission Modeling Data

Circuit Parameters: East Shore to Norwalk 345 kV All Underground Cable														
From	To	No. of Ckts	Miles	Type	Each Circuit							Comments	Each Cable	
					R (total)	X (total)	B (total)	R/mile	X/mile	B/mile	Ratings (MVA)		From Bus Reactor	To Bus Reactor
Norwalk	Singer	2	15	2500 kcmil HPFF U/G	0.00062	0.00307	3.28943	0.00004133	0.0002047	0.2192953	632 / 794 / 794		100	100
Singer	E.Devon	2	8	2500 kcmil HPFF U/G	0.00033	0.00163	1.74022	0.00004125	0.0002038	0.2175275	632 / 794 / 794		80	80
E.Devon	E.Shore	3	15	2500 kcmil HPFF U/G	0.00062	0.00307	3.28943	0.00004133	0.0002047	0.2192953	632 / 794 / 794		130	130

Circuit Parameters: Beseck 345 kV Switching Station Overhead Lines													
From	To	No. of Ckts	Miles	Type	Each Circuit							Comments	
					R (total)	X (total)	B (total)	R/mile	X/mile	B/mile	Ratings (MVA)		
Beseck	Scovill Rock	1	13.1	2x954	0.00054	0.00646	0.11407	4.1221E-05	0.00049313	0.00870763	1488 / 1912 / 2098	Reconductor	
Beseck	E. Shore	1	19.7	2x954	0.00082	0.00972	0.17154	4.1624E-05	0.0004934	0.00870761	1488 / 1912 / 2098	Reconductor	
Beseck	Haddam Neck	1			0.00076	0.00923	0.16026				1488 / 1793 / 1793	Existing line reconnection	
Beseck	Haddam Auto	1			0.00056	0.00675	0.12030				1488 / 1912 / 2097	Existing line reconnection	
Beseck	Meriden	1			0.00030	0.00386	0.17600				1488 / 1912 / 2097	Existing line reconnection	

Appendix B

Power Flow Base Case One-Line Diagrams

SWCT Generation Dispatch ID	Case or "Dispatch" Identifier					
	NE – NY 0 MW		NE – NY 700 MW		NY – NE 700 MW	
	NHHS On-line	NHHS Off-Line	NHHS On-line	NHHS Off-Line	NHHS On-line	NHHS Off-Line
2	2C	6C	10C	14C	18C	22C
3	3C	7C	11C	15C	19C	23C
4	4C	8C	12C	16C	20C	24C
5	5C	9C	13C	17C	21C	25C

NHHS = 447 MW New Haven Harbor Station

SWCT Transmission Expansion:
East Shore to Norwalk with Reconductored 387 Line (2x954) Looped into Beseck
Transmission Loading and Voltage Analysis, NE-NY ±700 MW and 0 MW

Dispatch Changes to Create 700 MW NE to NY Cases

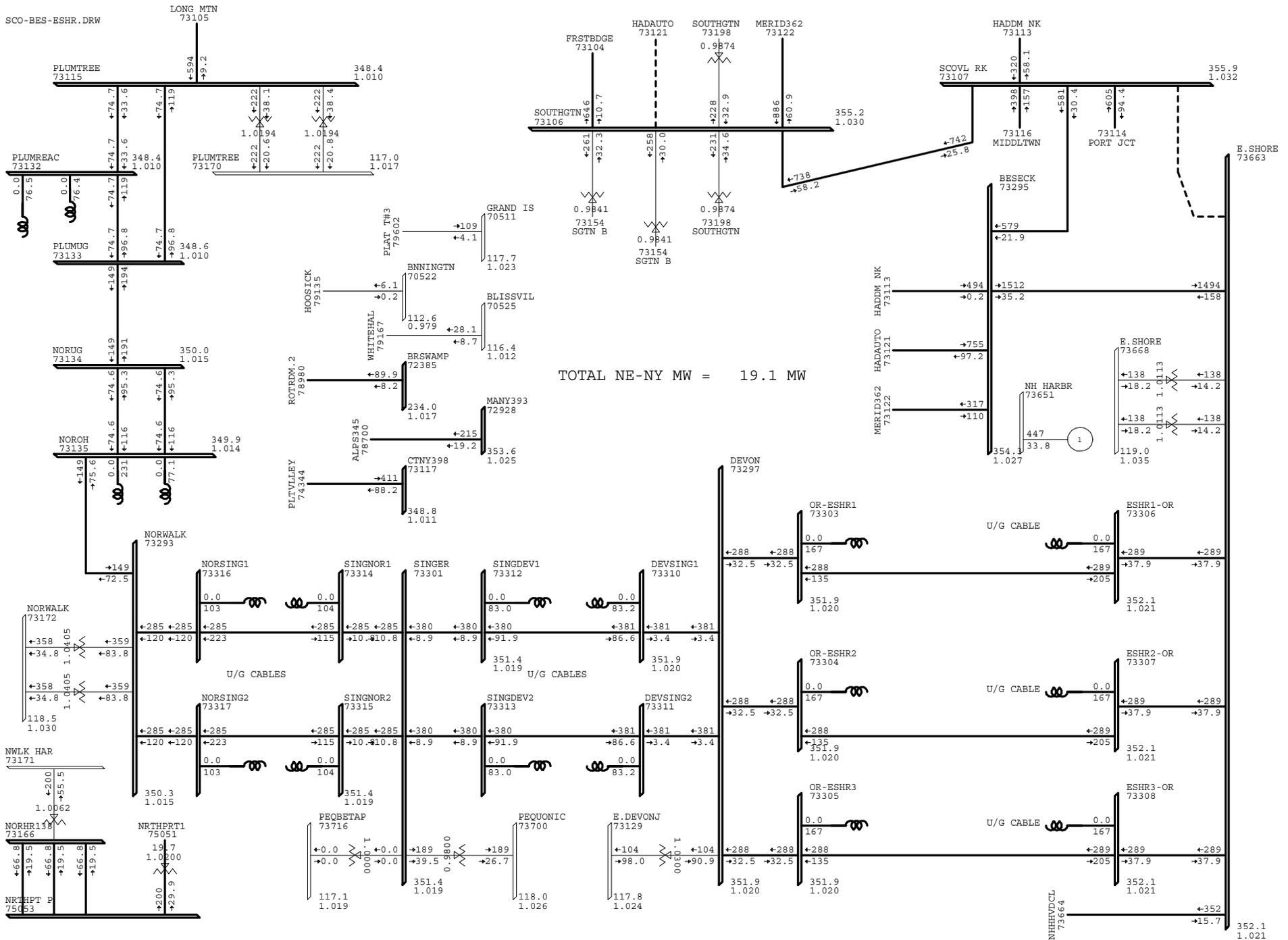
Bring on MIS GT2 (70061) at reduced output	+150.0 MW
Bring on Edgar GT1 (70909)	+276.2 MW
Bring on Edgar ST1 (70911) at reduced output	<u>+273.8 MW</u> *adjust as needed
	+700.0 MW

Take off Oswego 6 (77953)	-850.0 MW
Increase Roseton Gen1 (74190)	<u>+150.0 MW</u> *adjust as needed
	-700.0 MW

Dispatch Changes to Create 700 MW NY to NE Cases

Take off Wyman #2 (70361)	-21.0 MW
Take off Wyman #3 (70362)	-20.0 MW
Increase Wyman #4 (70368)	+11.0 MW *adjust as needed
Take off Cabot CMB (71065)	-260.0 MW
Take off Cabot STM (71066)	-120.0 MW
Take off ANP Blackstone (71096)	<u>-290.0 MW</u>
	-700.0 MW

Bring on Gowanus 3GT (74776)	+110.0 MW
Bring on Athens C (78710)	+248.0 MW
Bring on Athens S (78711)	+112.0 MW
Increase Roseton Gen1 (74190)	<u>+230.0 MW</u> *adjust as needed
	+700.0 MW



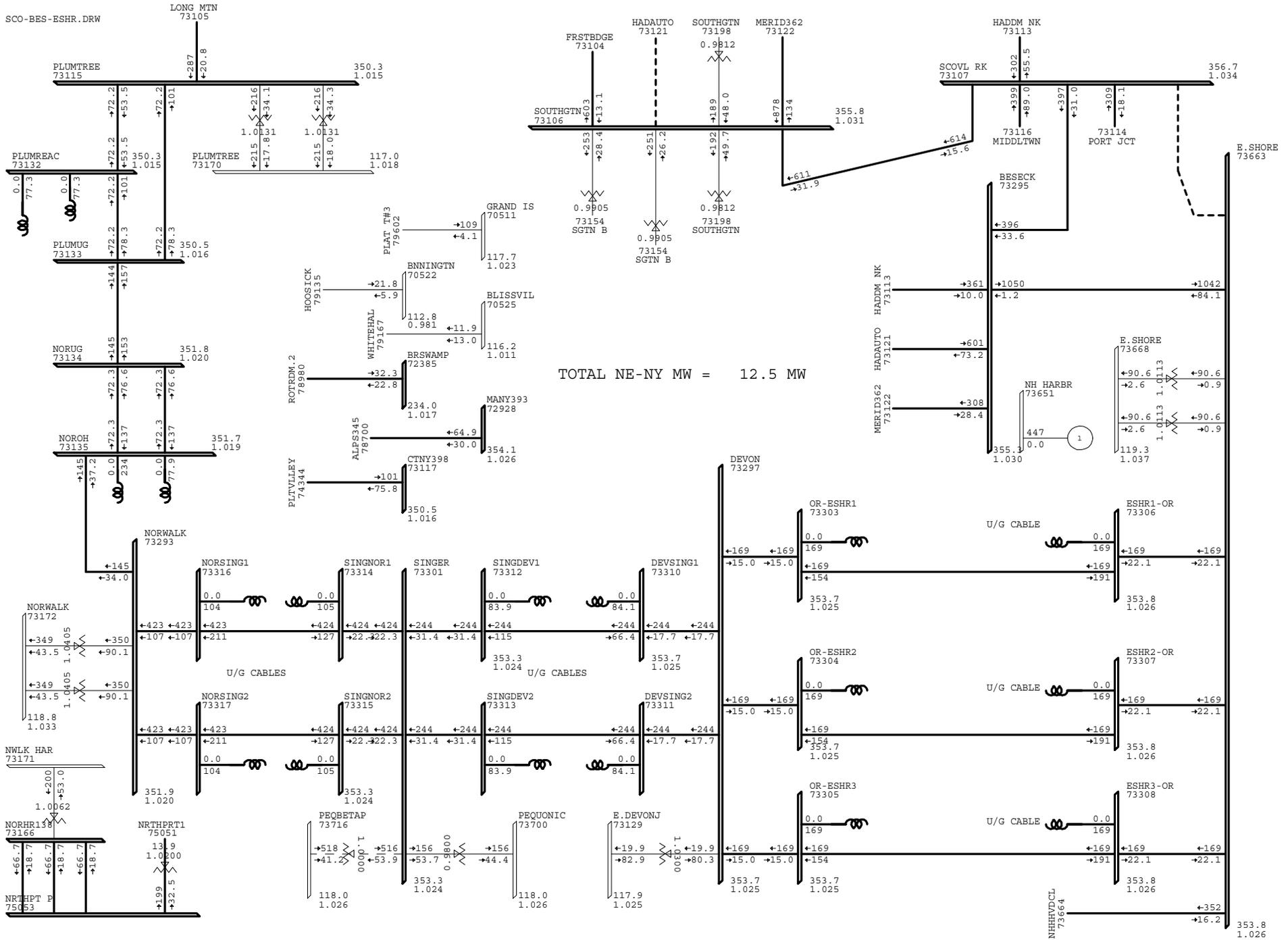
TOTAL NE-NY MW = 19.1 MW



ESB277-2C, 27.7GW LD, DISP 2, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 0, NHHS ON
 BASE CASE WED, MAY 26 2004 11:37

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



TOTAL NE-NY MW = 12.5 MW

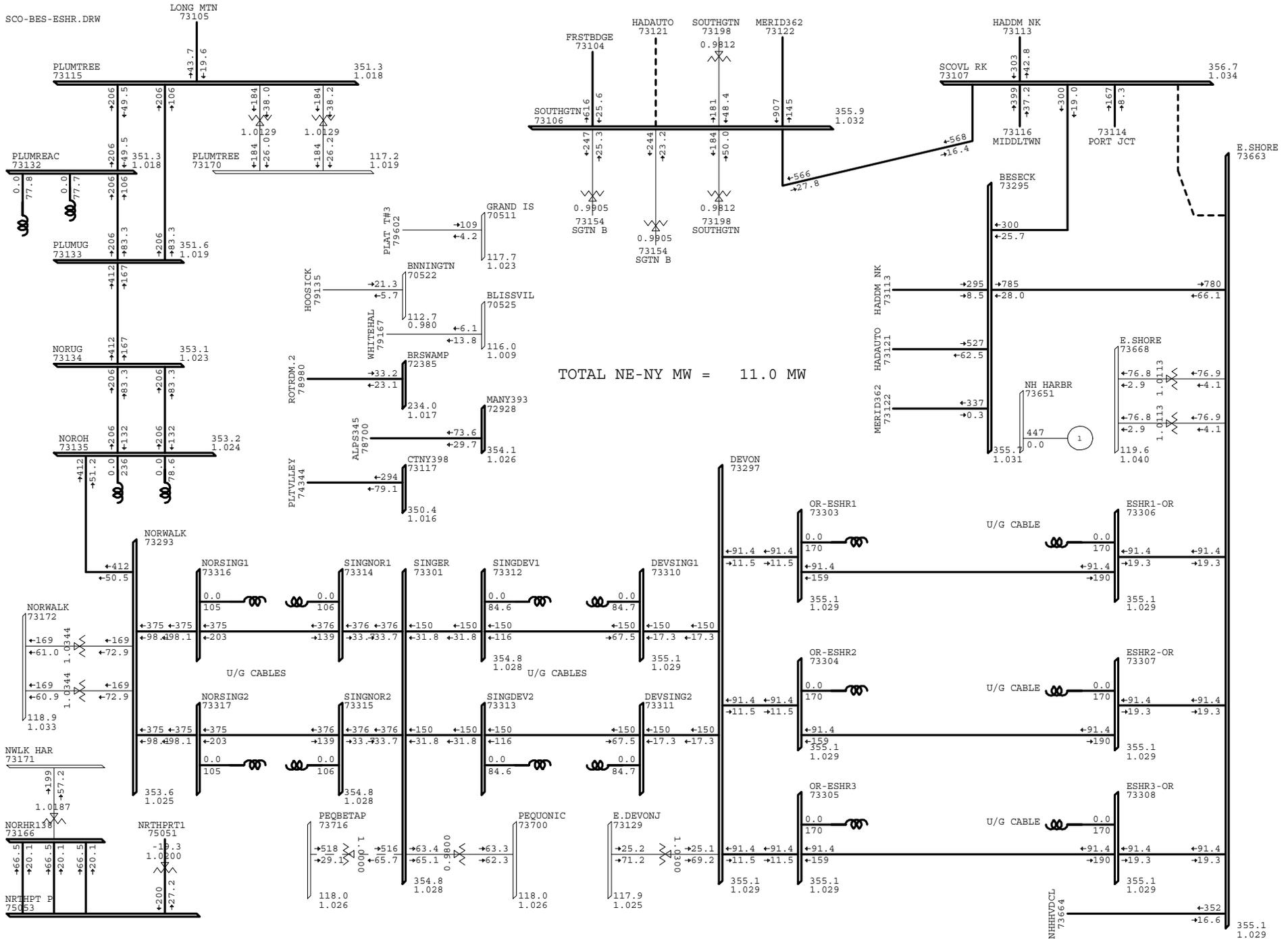


ESB277-3C, 27.7GW LD, DISP 3, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 0, NHHS ON
 BASE CASE WED, MAY 26 2004 11:37

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR

353.8
1.026



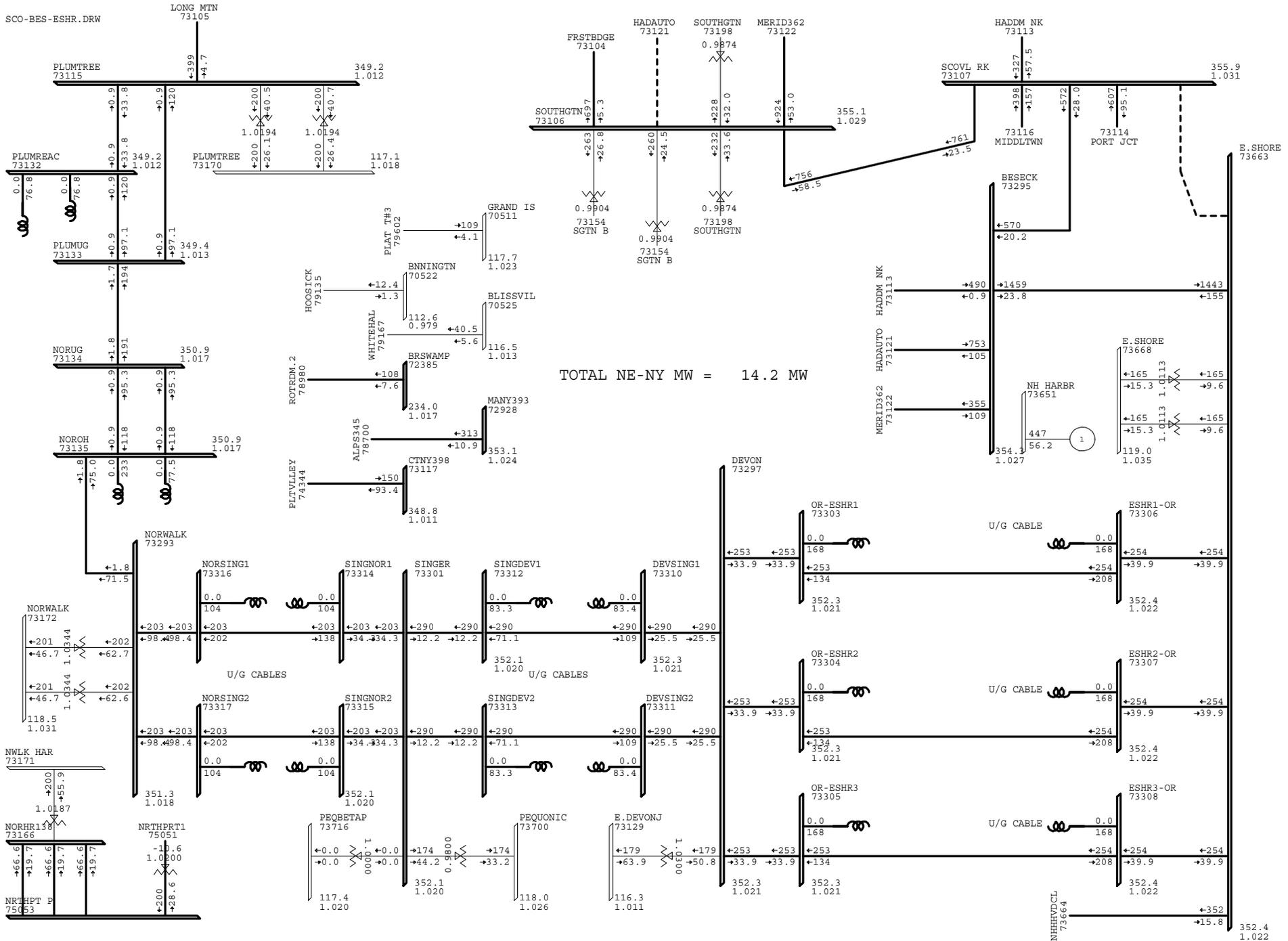
TOTAL NE-NY MW = 11.0 MW



ESB277-4C, 27.7GW LD, DISP 4, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 0, NHHS ON
 BASE CASE WED, MAY 26 2004 11:37

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

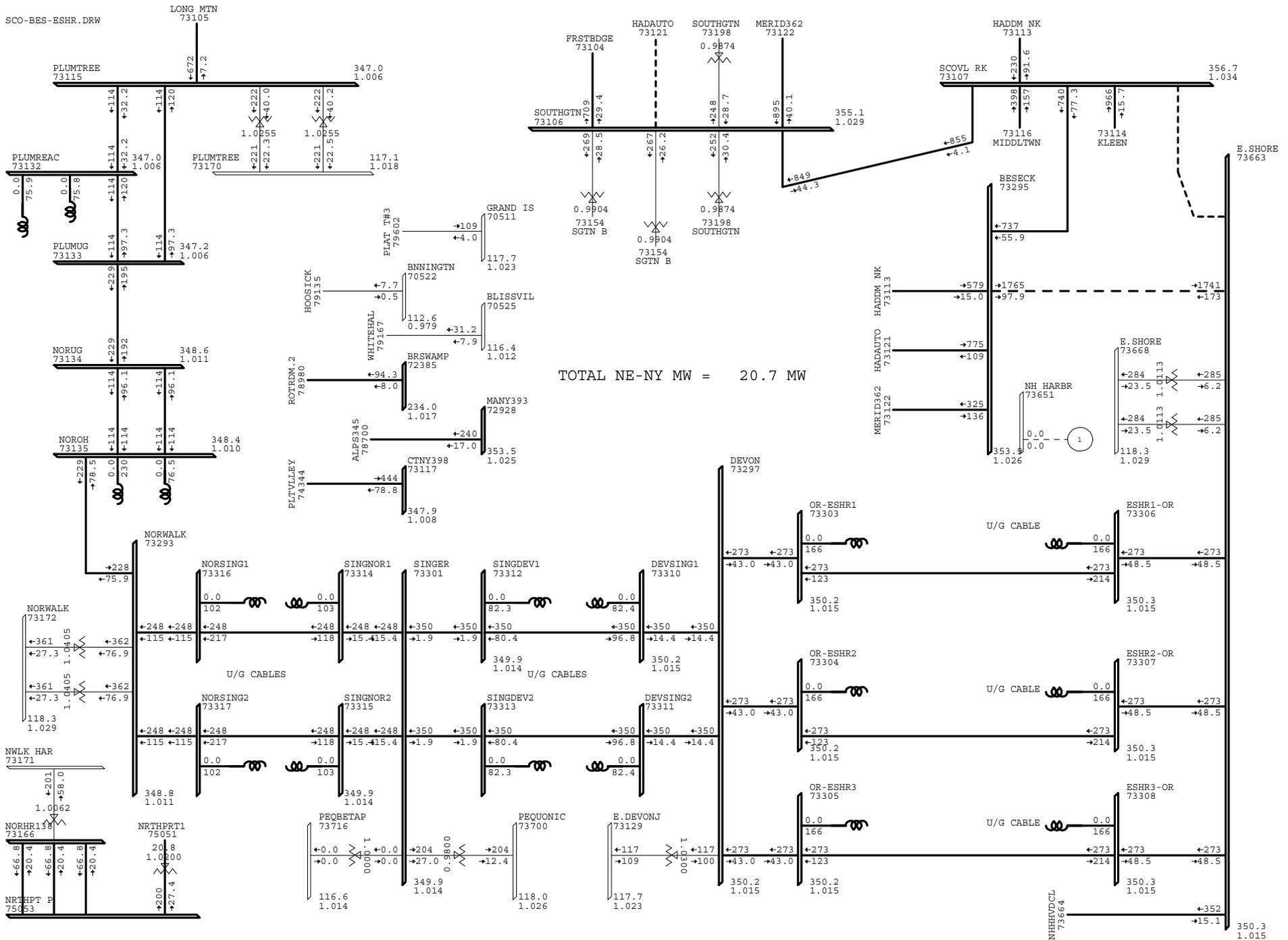
BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



ESB277-5C, 27.7GW LD, DISP 5, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 0, NHHS ON
 BASE CASE WED, MAY 26 2004 11:37

100% RATEA
0.950 UV 1.050 OV
 KV: <=115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



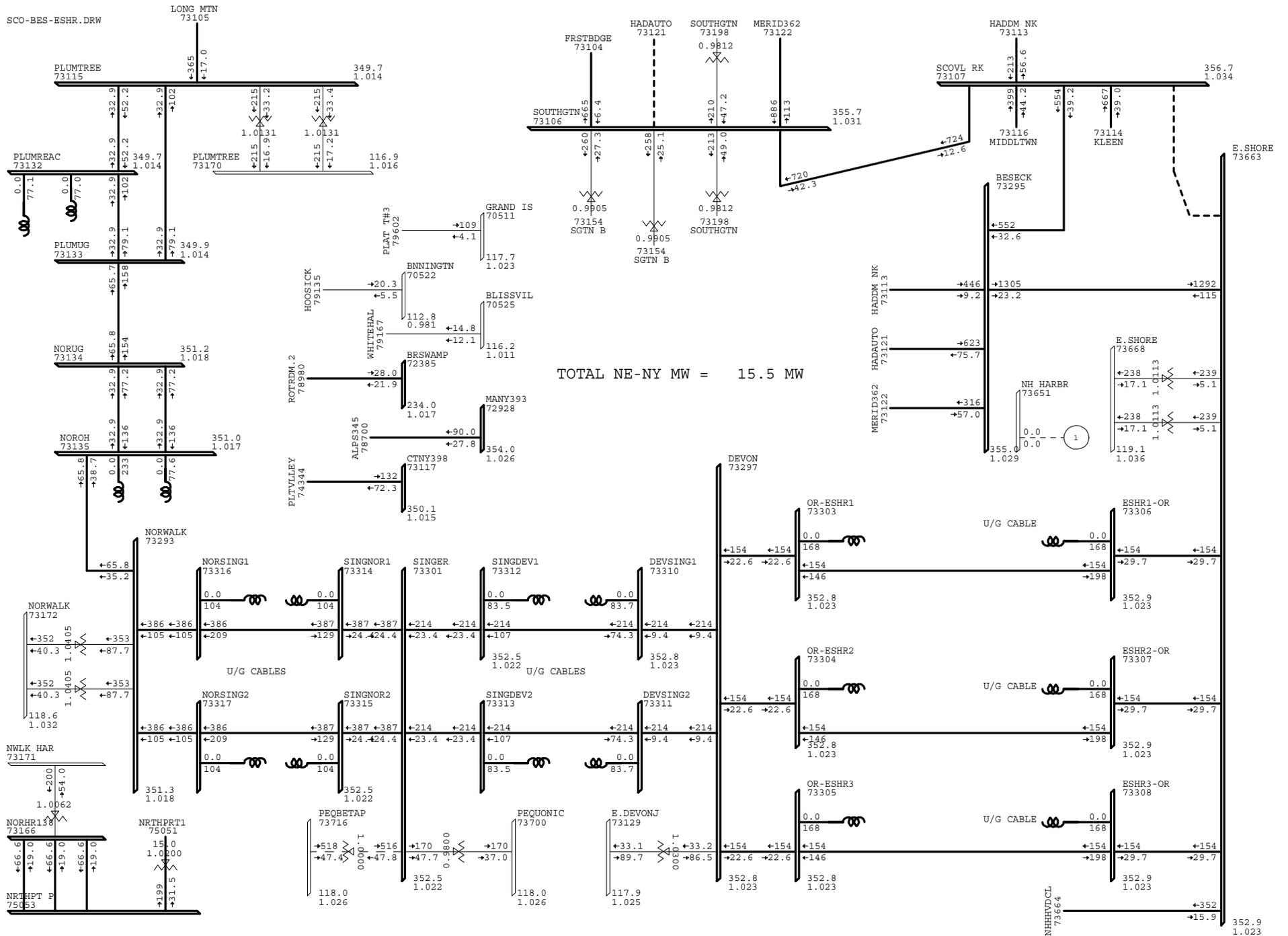
TOTAL NE-NY MW = 20.7 MW



ESB277-6C, 27.7GW LD, DISP 6, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 0, NHHS OFF
 BASE CASE WED, MAY 26 2004 11:37

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



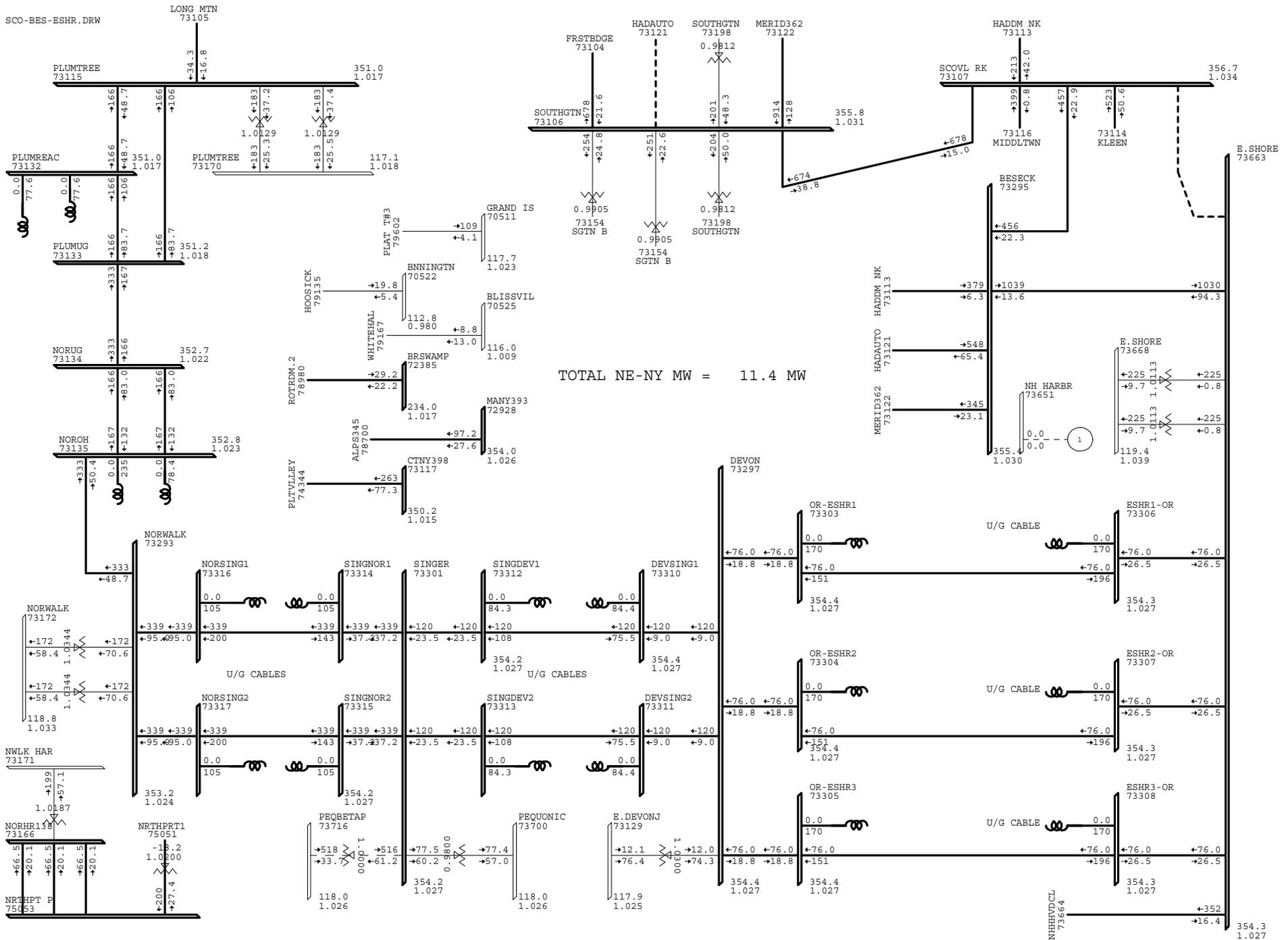
TOTAL NE-NY MW = 15.5 MW



ESB277-7C, 27.7GW LD, DISP 7, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 0, NHHS OFF
 BASE CASE WED, MAY 26 2004 11:37

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR

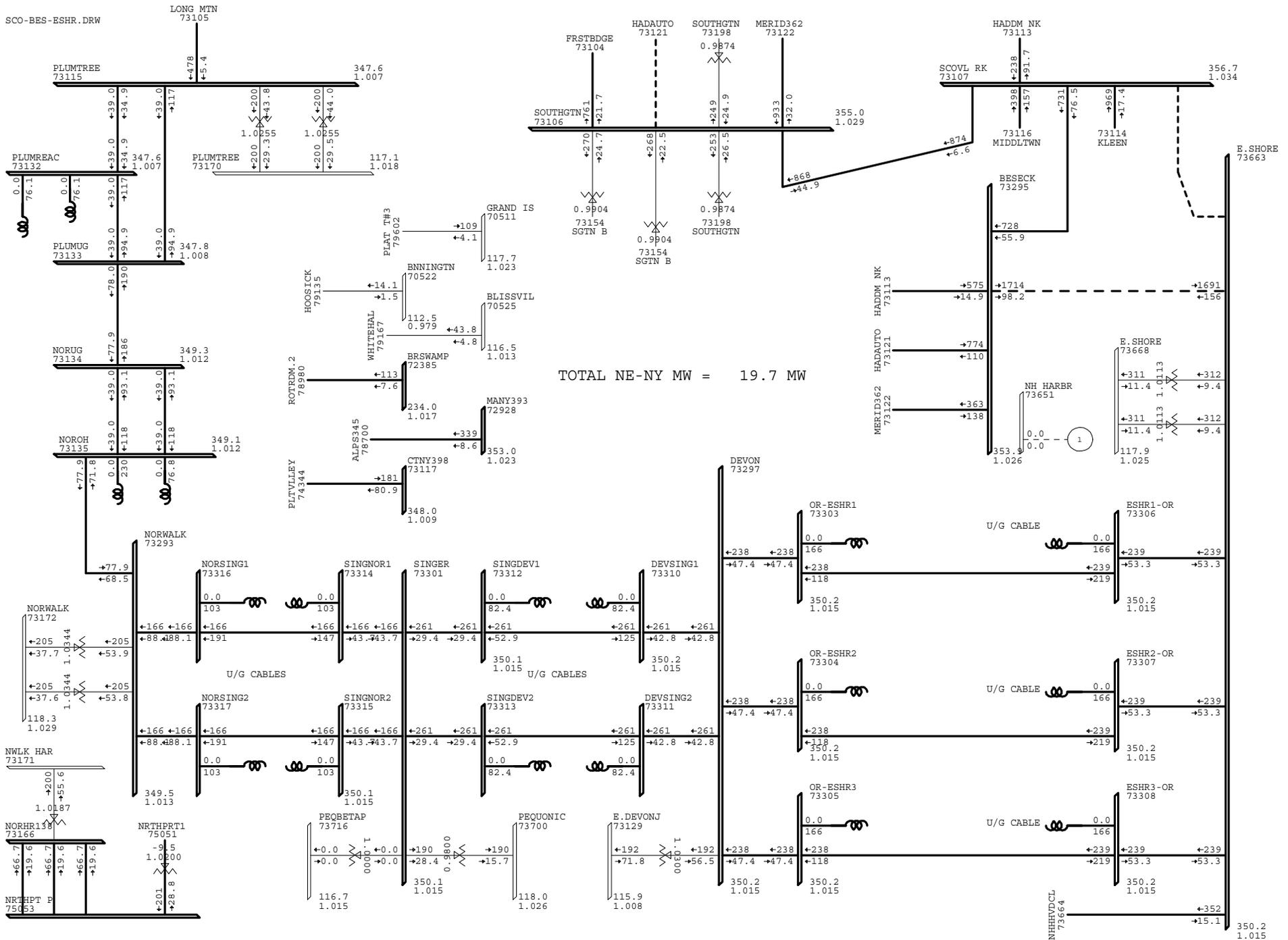


TOTAL NE-NY MW = 11.4 MW

ESB277-8C, 27.7GW LD, DISP 8, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 0, NHHS OFF
 BASE CASE WED, MAY 26 2004 11:37

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



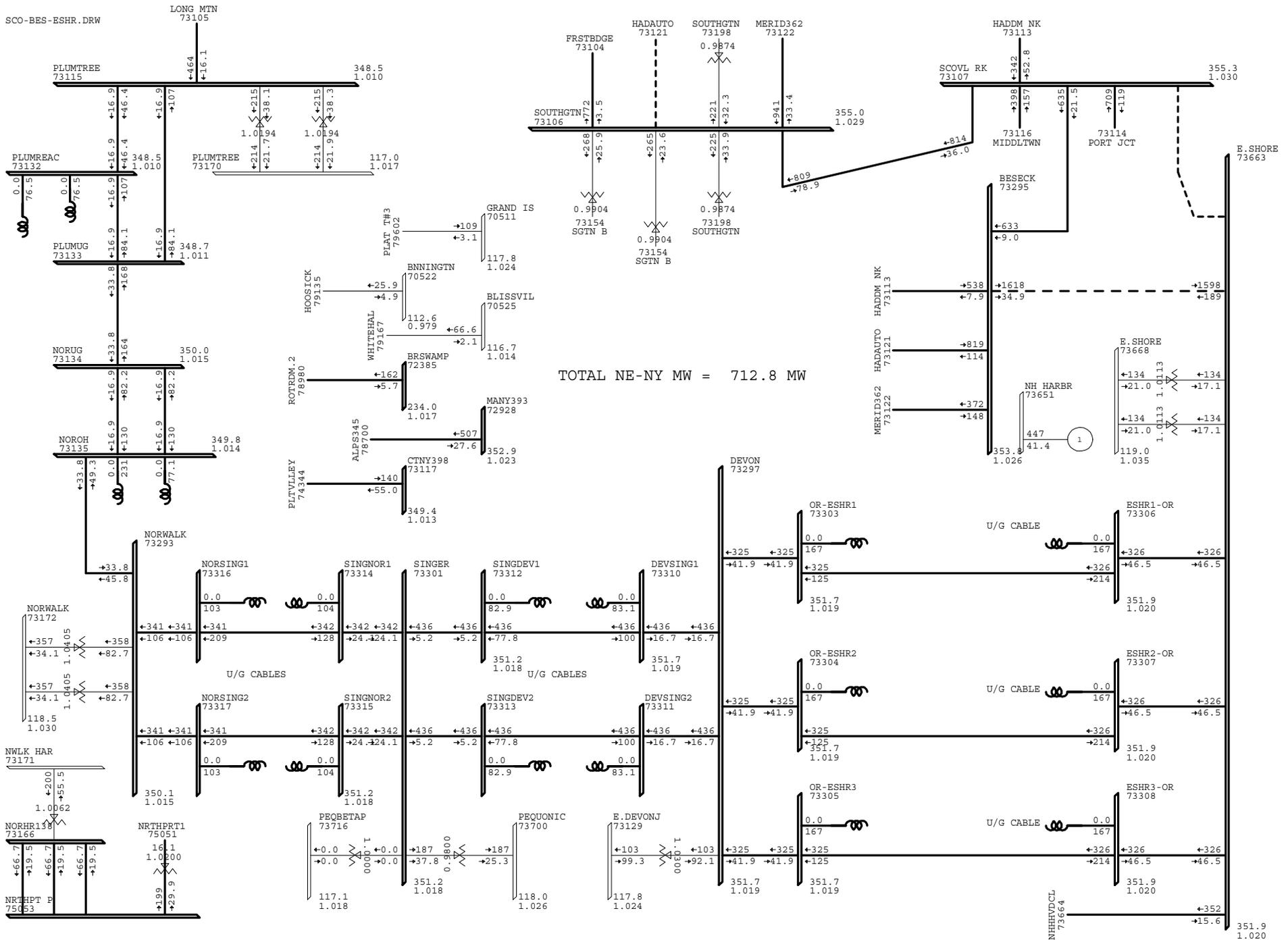
TOTAL NE-NY MW = 19.7 MW



ESB277-9C, 27.7GW LD, DISP 9, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 0, NHHS OFF
 BASE CASE WED, MAY 26 2004 11:37

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



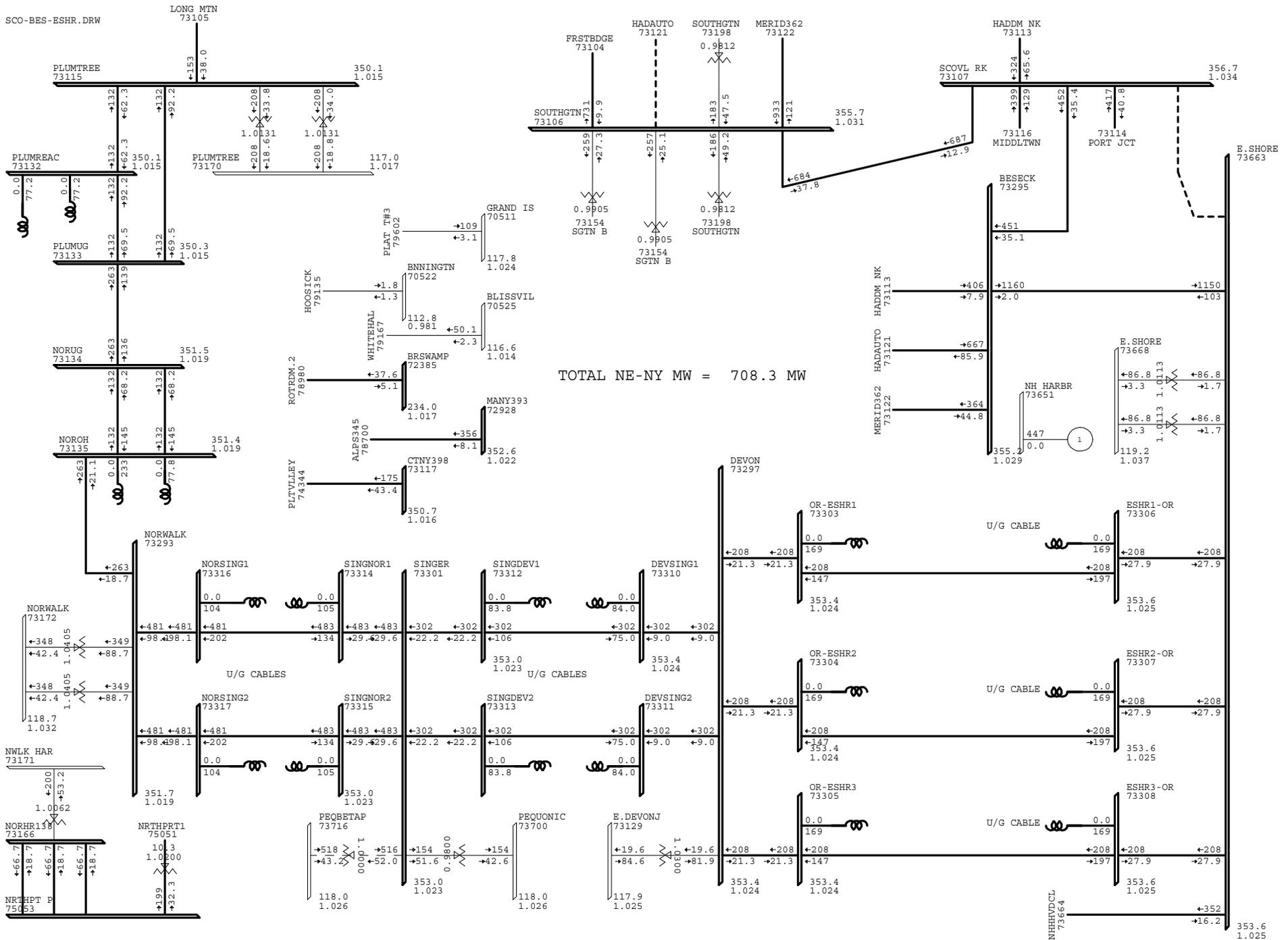
TOTAL NE-NY MW = 712.8 MW



ESB277-10C, 27.7GW LD, DISP 10, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 700, NHHS ON
 BASE CASE WED, MAY 26 2004 11:37

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



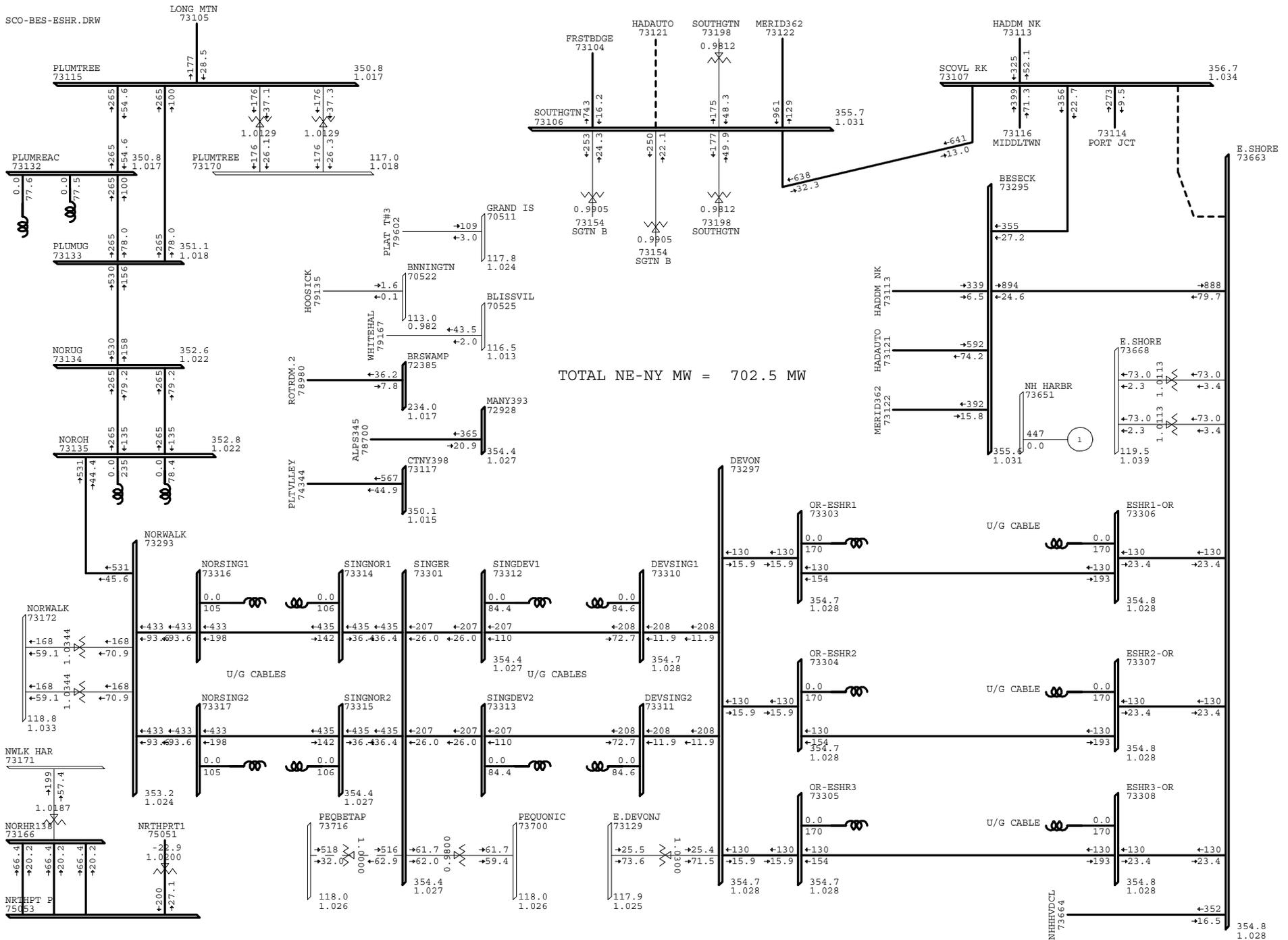
TOTAL NE-NY MW = 708.3 MW



ESB277-11C, 27.7GW LD, DISP 11, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 700, NHHS ON
 BASE CASE WED, MAY 26 2004 11:37

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



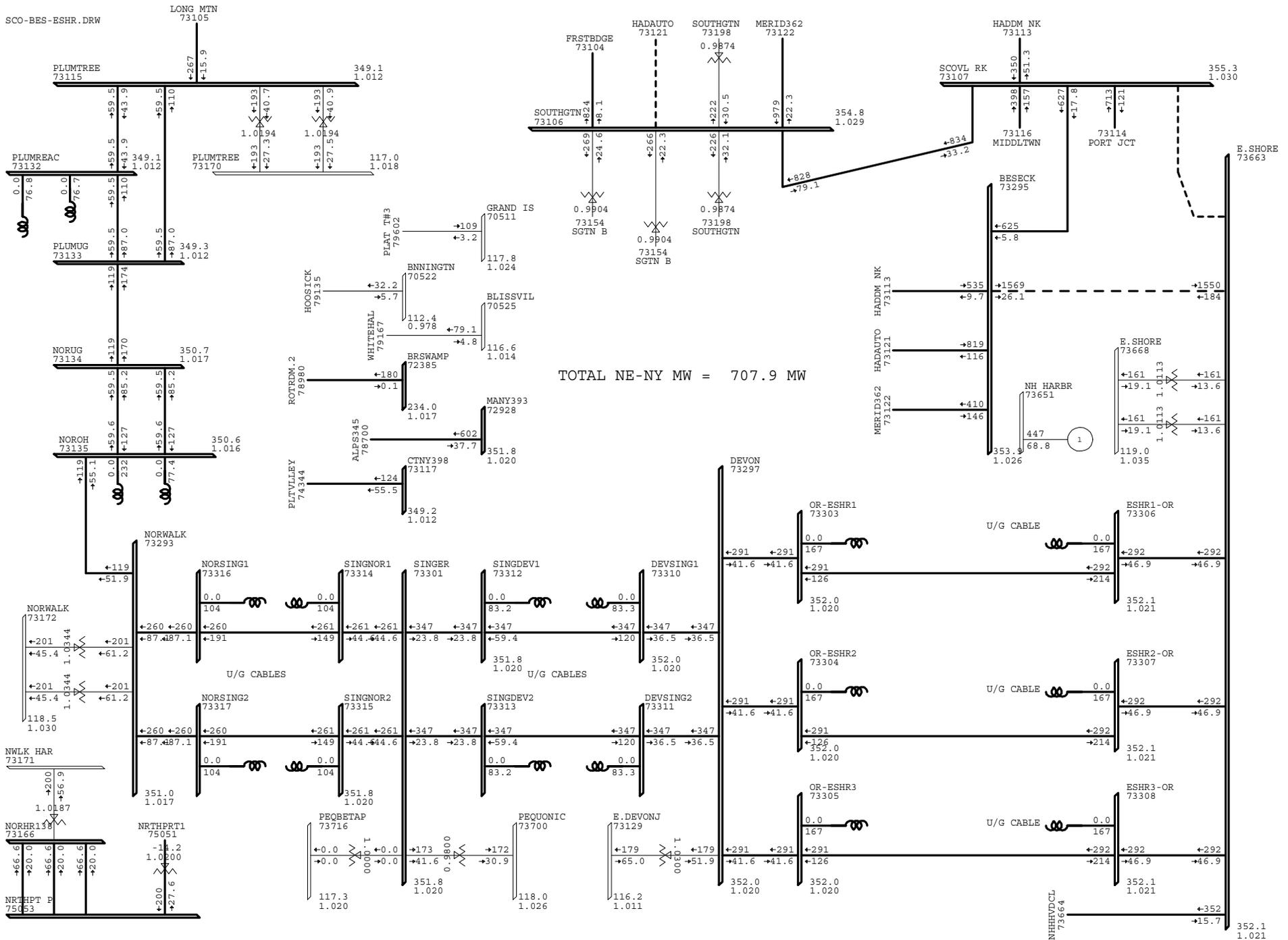
TOTAL NE-NY MW = 702.5 MW



ESB277-12C, 27.7GW LD, DISP 12, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 700, NHHS ON
 BASE CASE WED, MAY 26 2004 11:37

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR

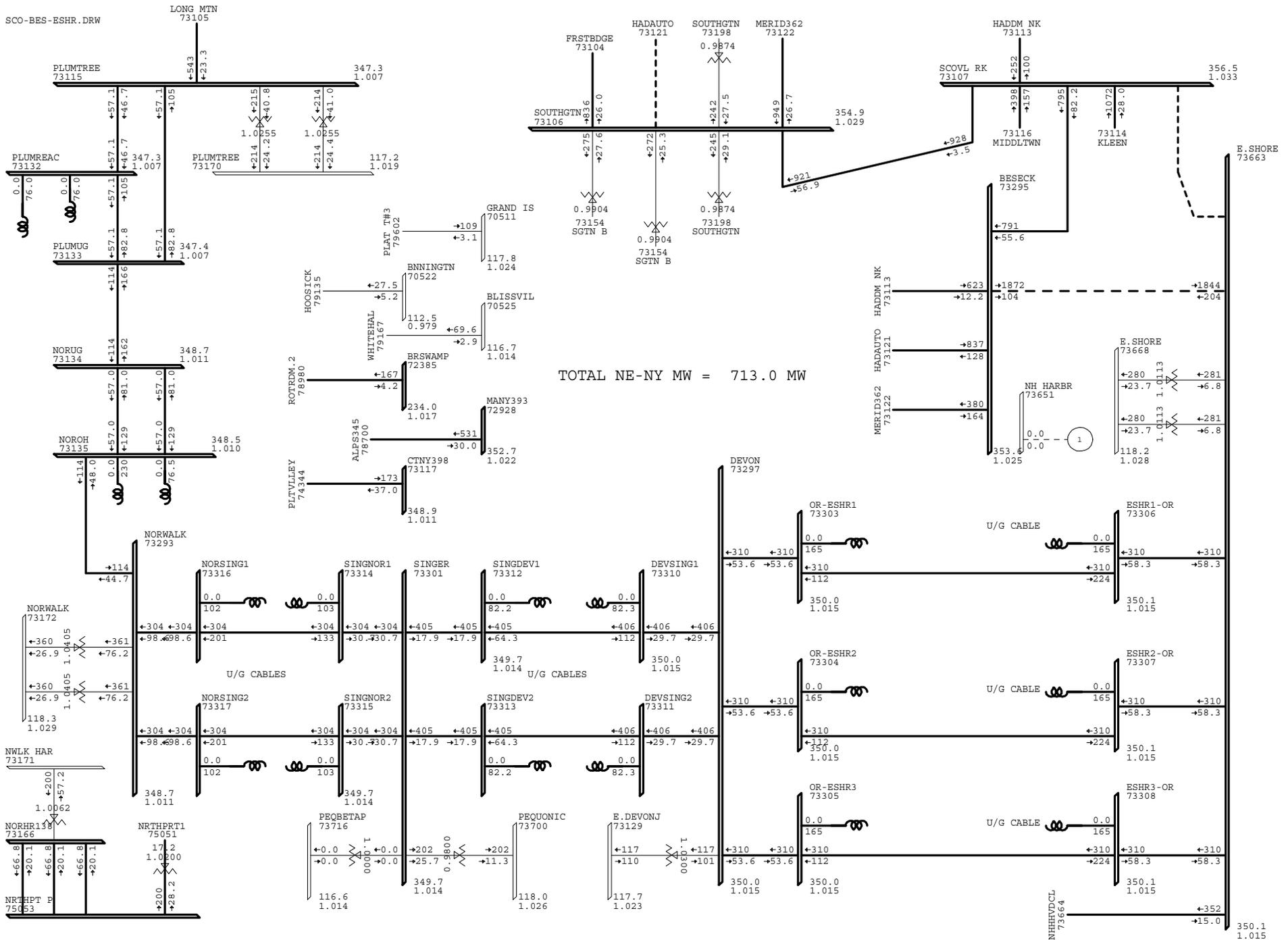


TOTAL NE-NY MW = 707.9 MW

ESB277-13C, 27.7GW LD, DISP 13, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 700, NHHS ON
 BASE CASE WED, MAY 26 2004 11:37

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



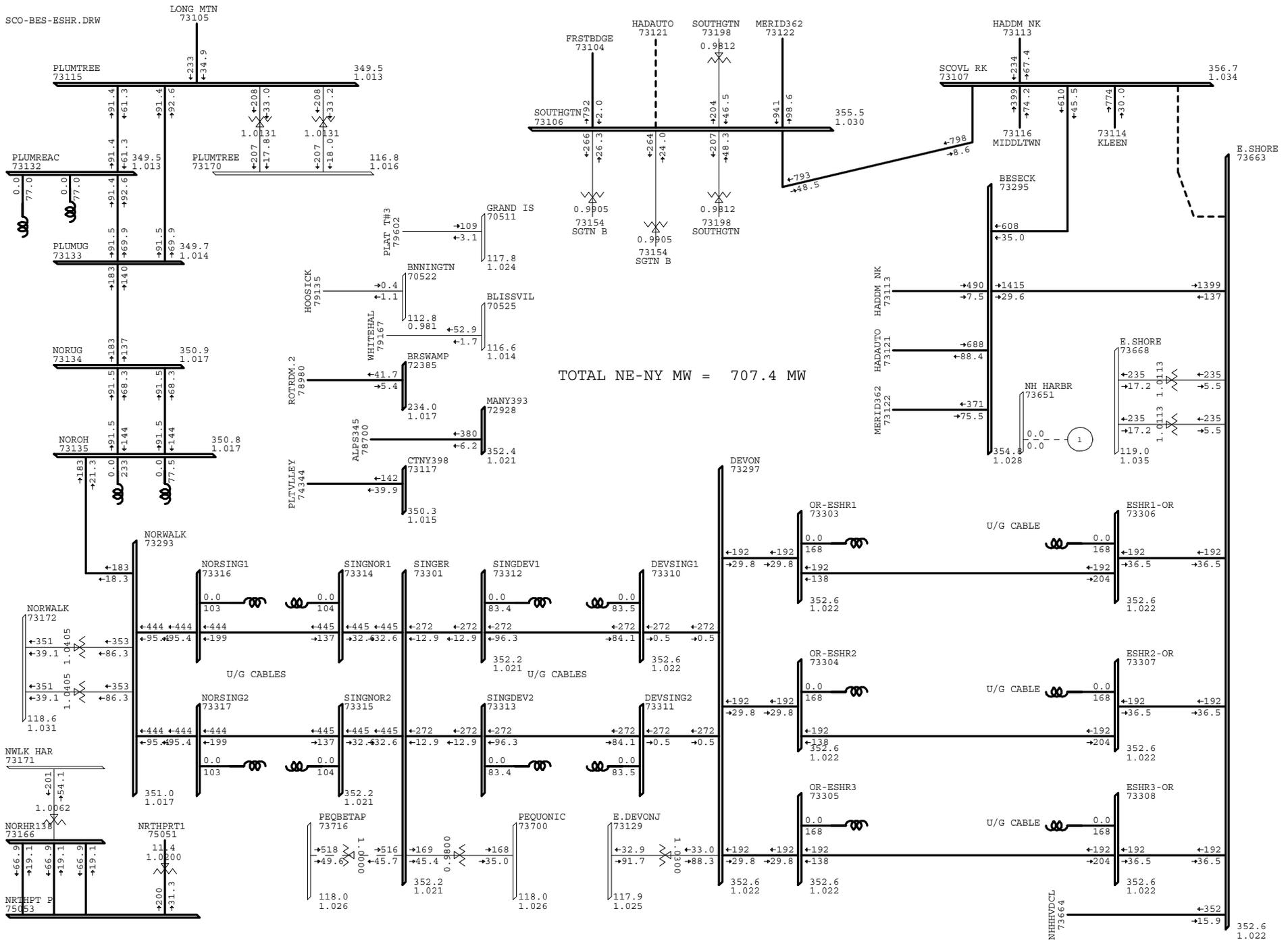
TOTAL NE-NY MW = 713.0 MW



ESB277-14C, 27.7GW LD, DISP 14, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 700, NHHS OFF
 BASE CASE WED, MAY 26 2004 11:38

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



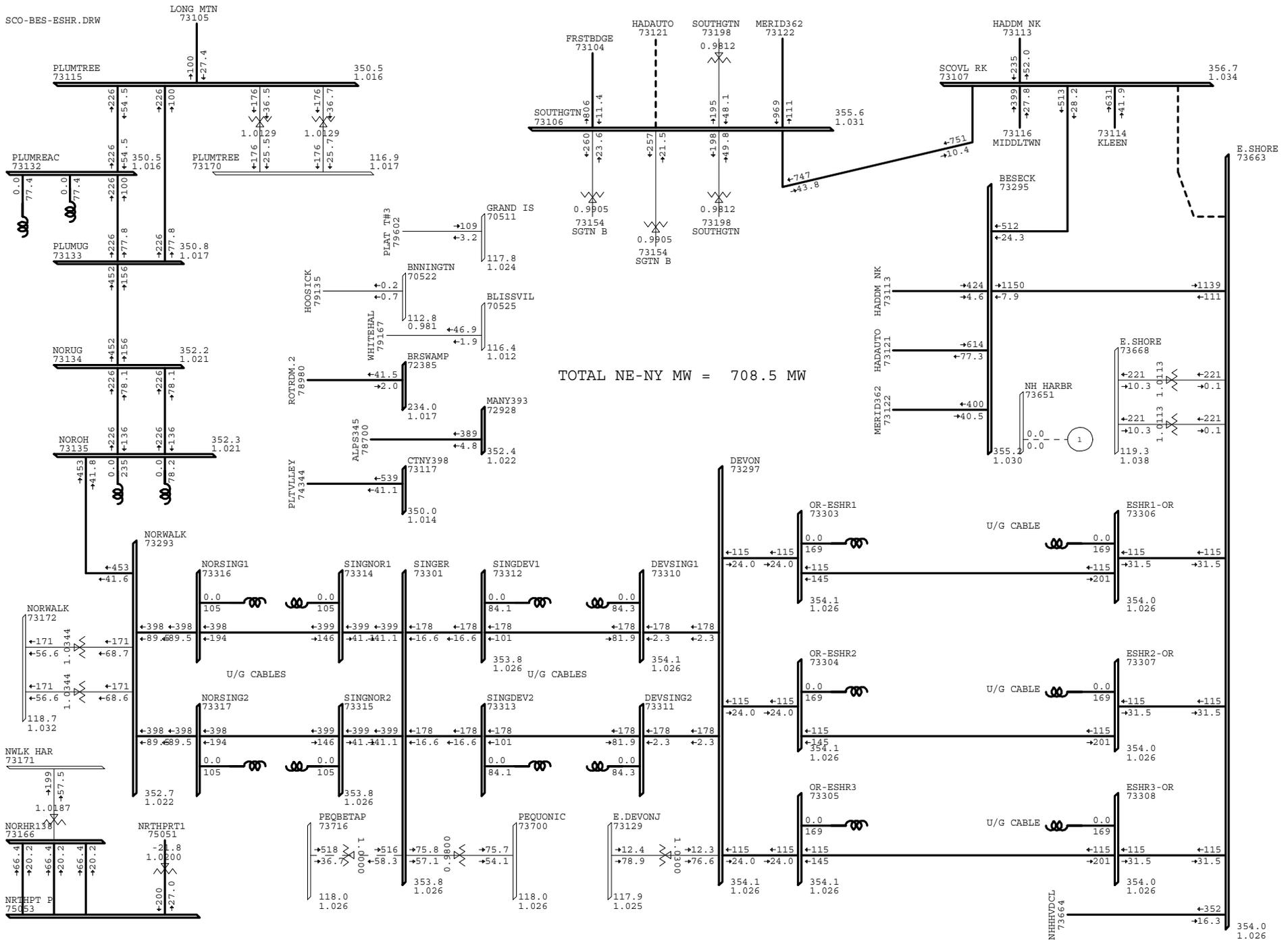
TOTAL NE-NY MW = 707.4 MW



ESB277-15C, 27.7GW LD, DISP 15, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 700, NHHS OFF
 BASE CASE WED, MAY 26 2004 11:38

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

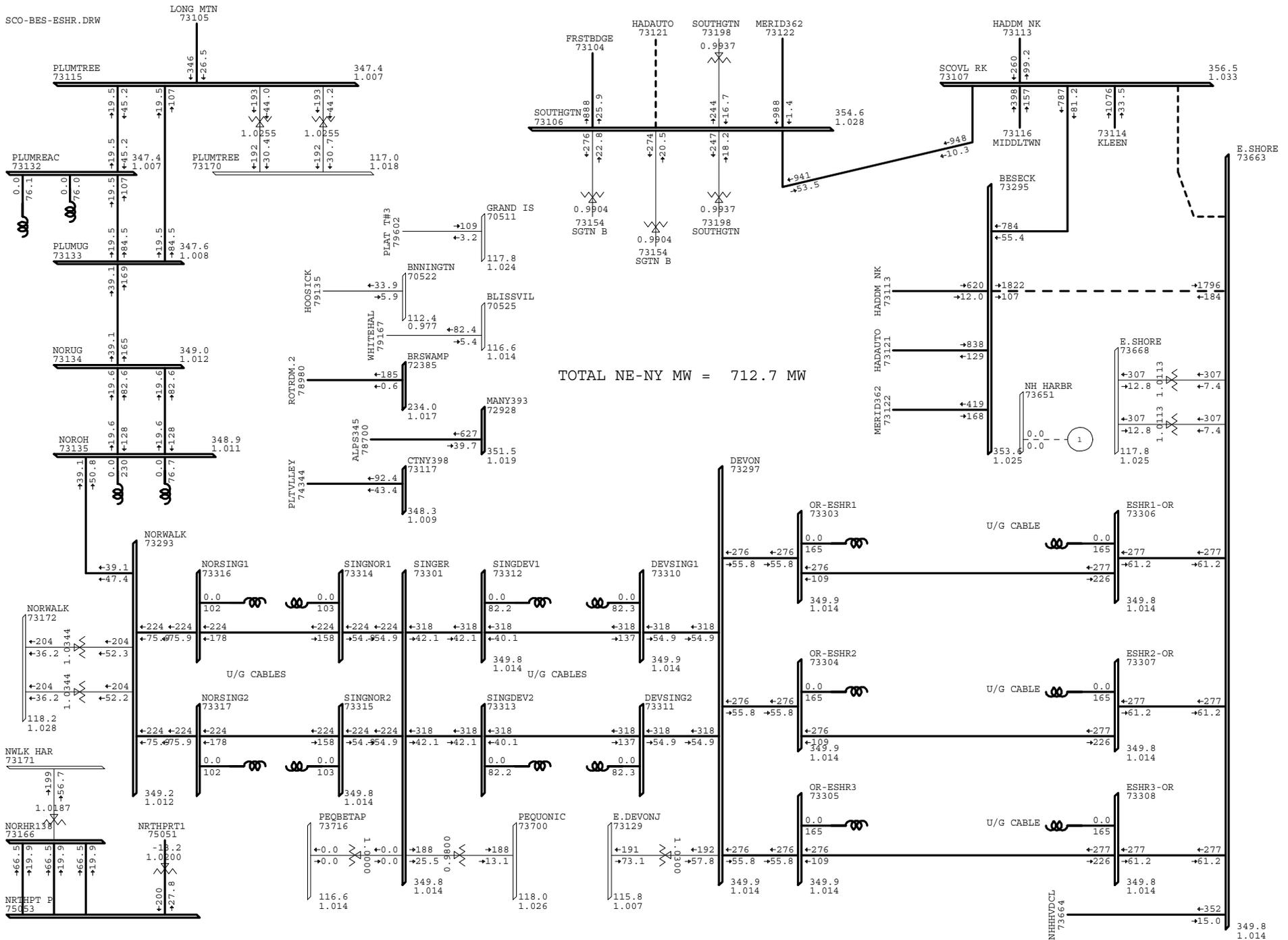
BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



ESB277-16C, 27.7GW LD, DISP 16, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 700, NHHS OFF
 BASE CASE WED, MAY 26 2004 11:38

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



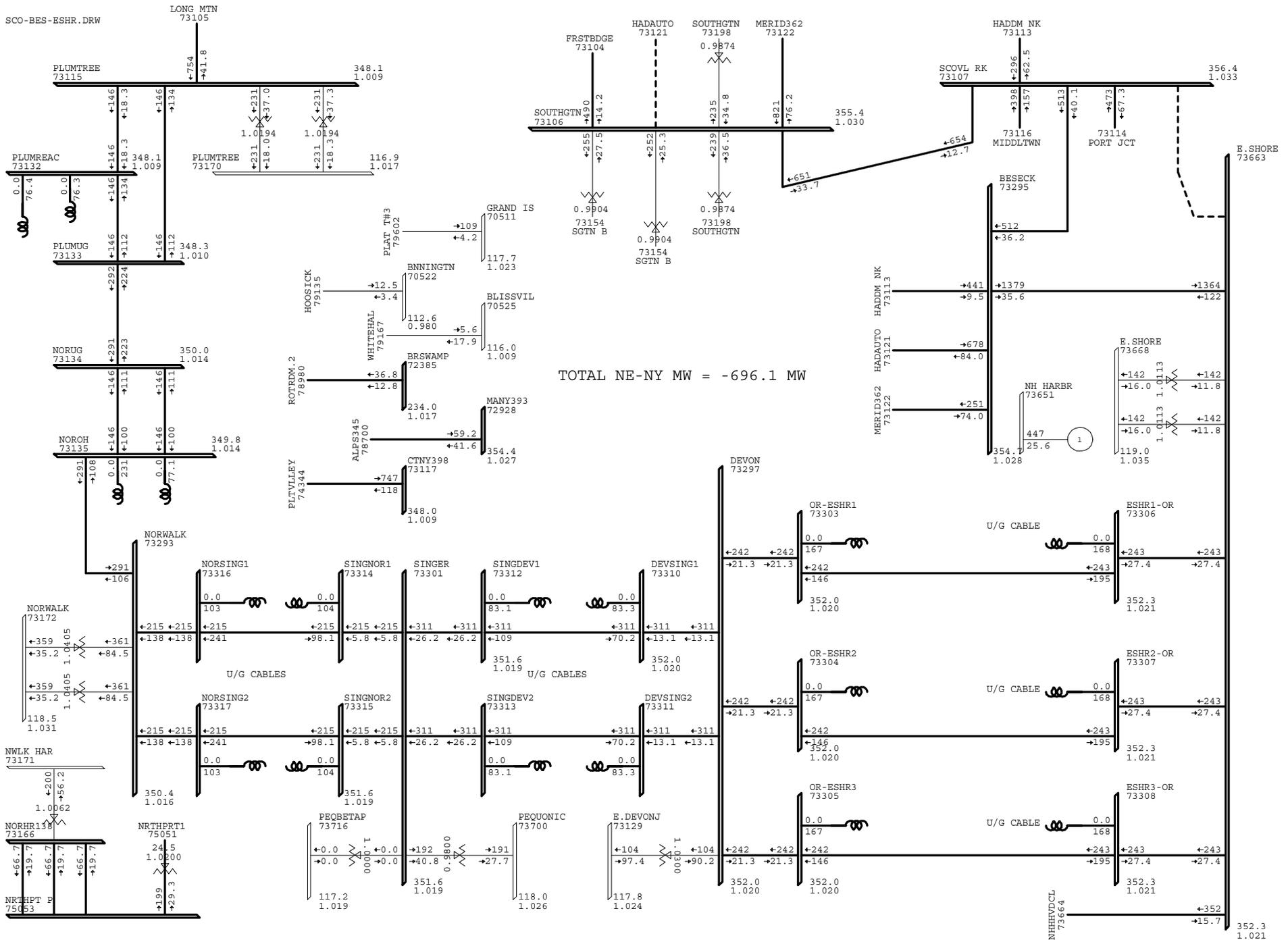
TOTAL NE-NY MW = 712.7 MW



ESB277-17C, 27.7GW LD, DISP 17, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NE-NY 700, NHHS OFF
 BASE CASE WED, MAY 26 2004 11:38

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



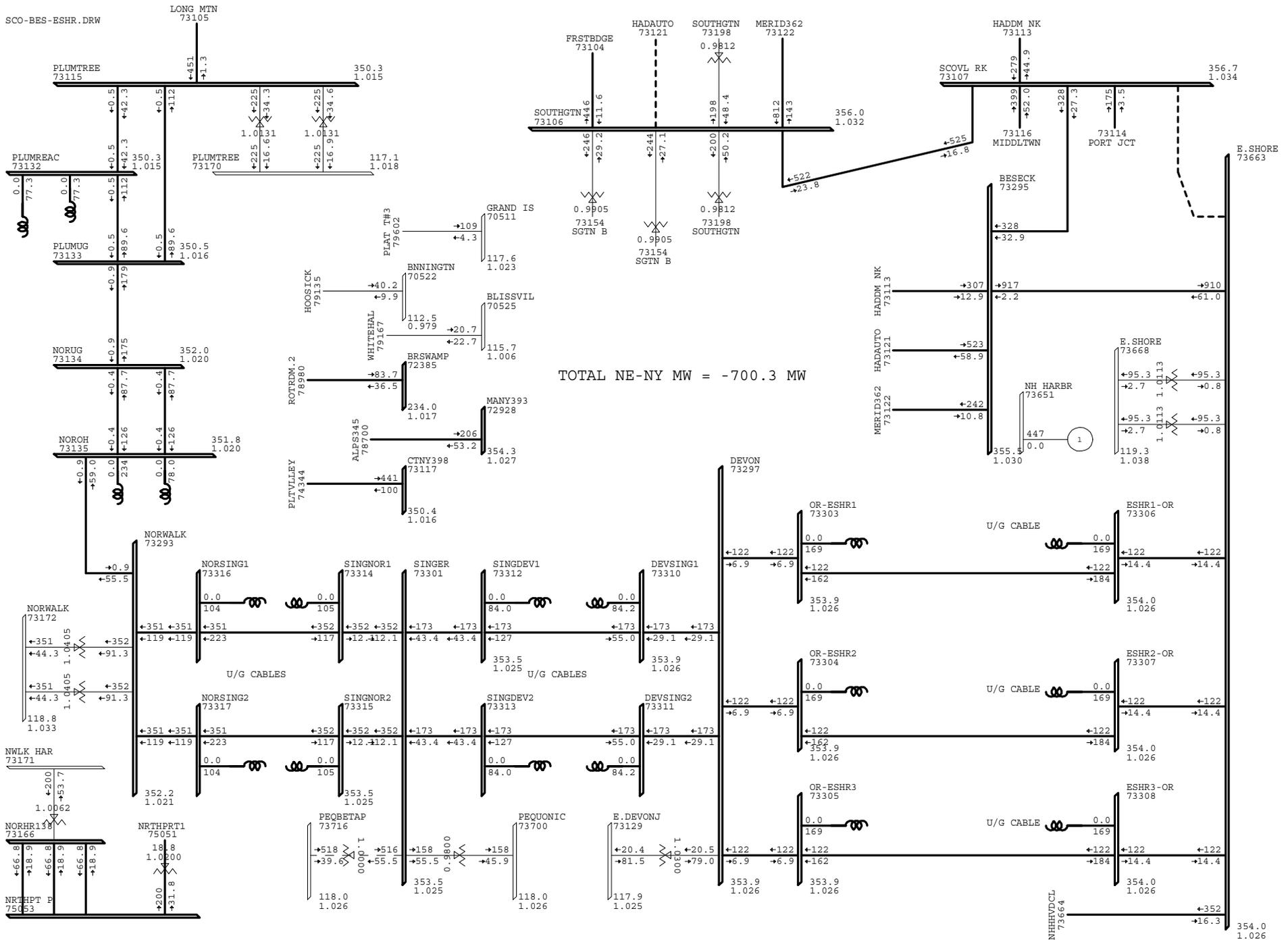
TOTAL NE-NY MW = -696.1 MW



ESB277-18C, 27.7GW LD, DISP 18, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NY-NE 700, NHHS ON
 BASE CASE WED, MAY 26 2004 11:38

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



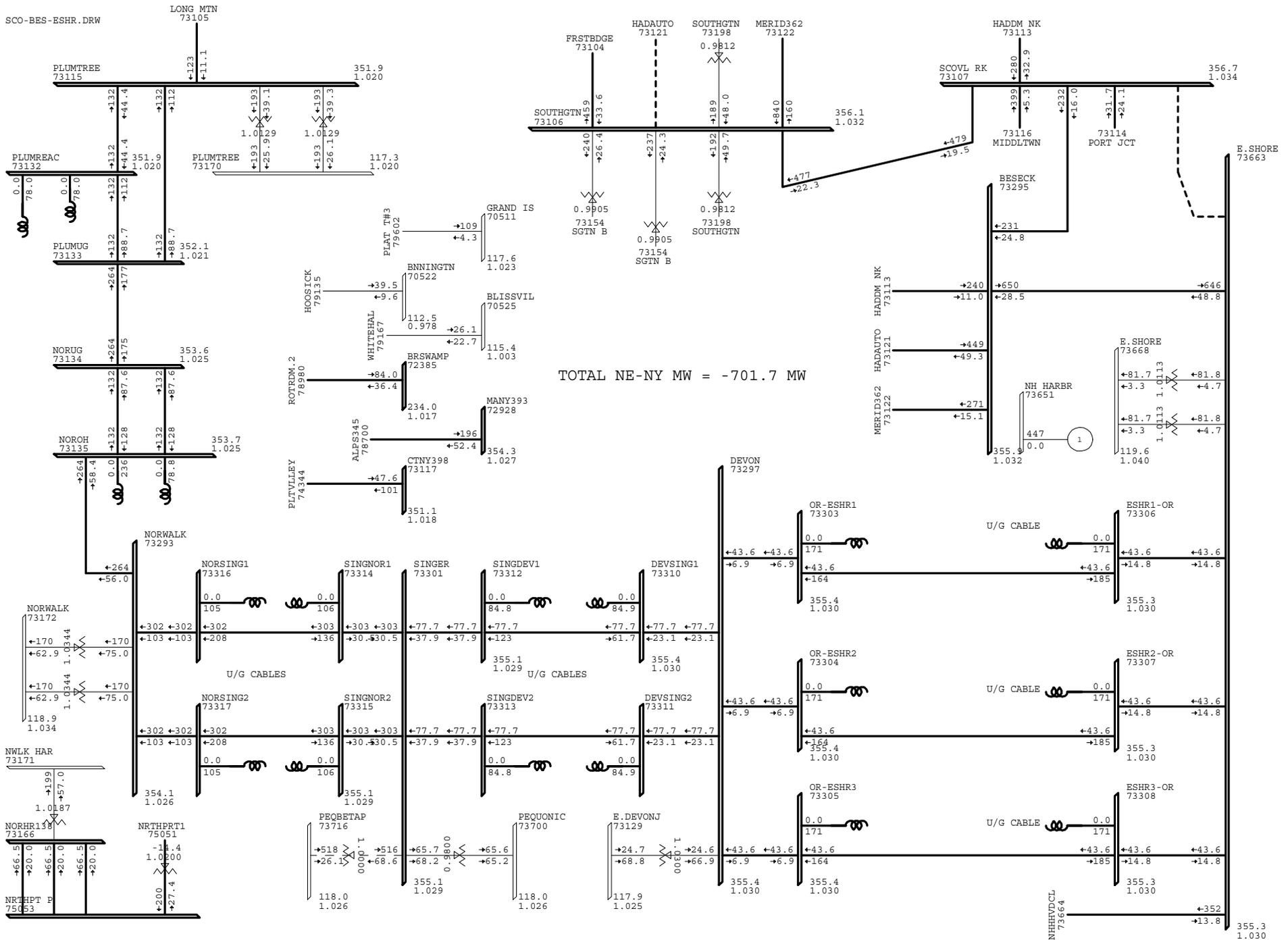
TOTAL NE-NY MW = -700.3 MW



ESB277-19C, 27.7GW LD, DISP 19, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NY-NE 700, NHHS ON
 BASE CASE WED, MAY 26 2004 11:38

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

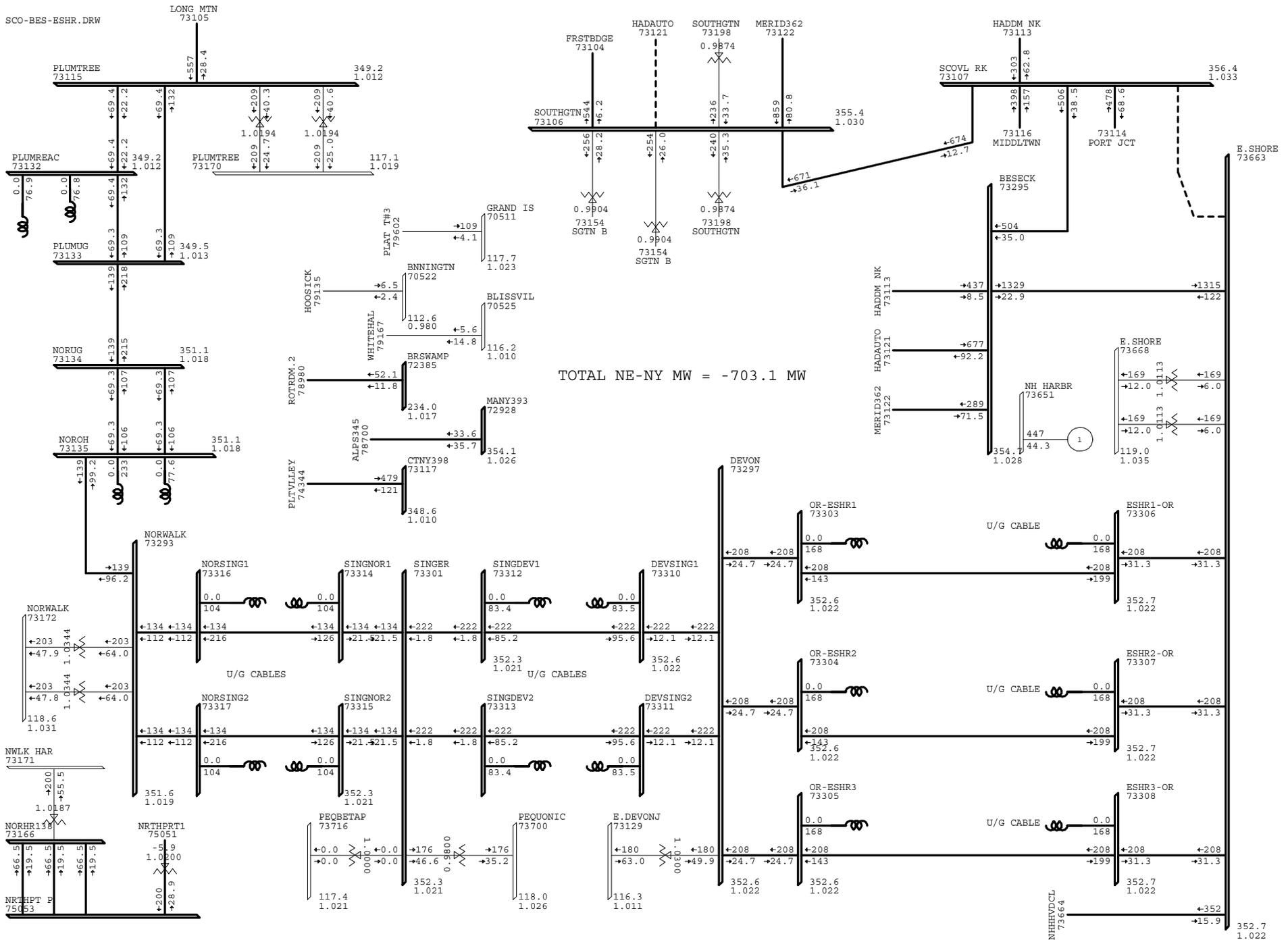
BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



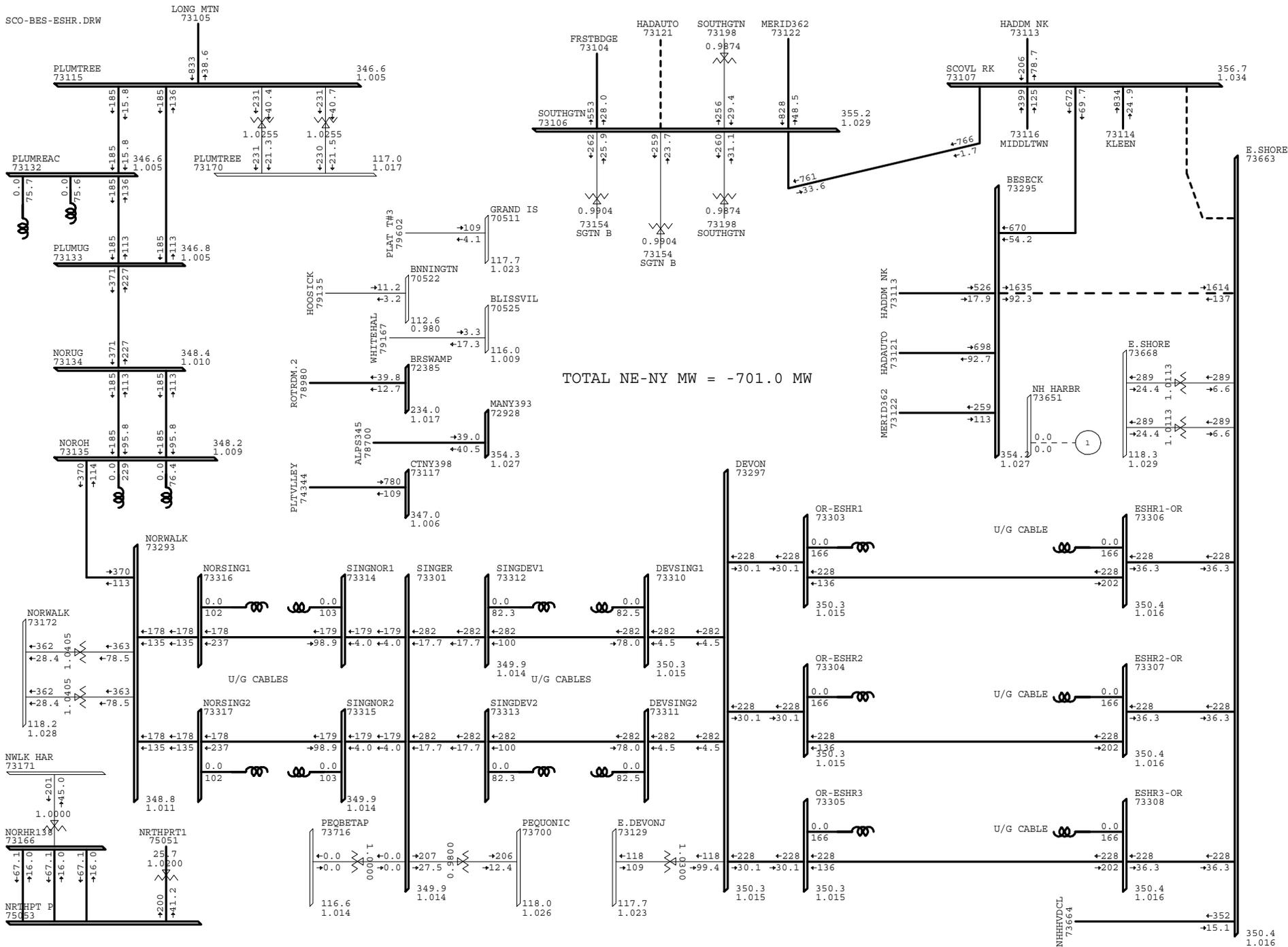
ESB277-20C, 27.7GW LD, DISP 20, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NY-NE 700, NHHS ON
 BASE CASE WED, MAY 26 2004 11:38

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

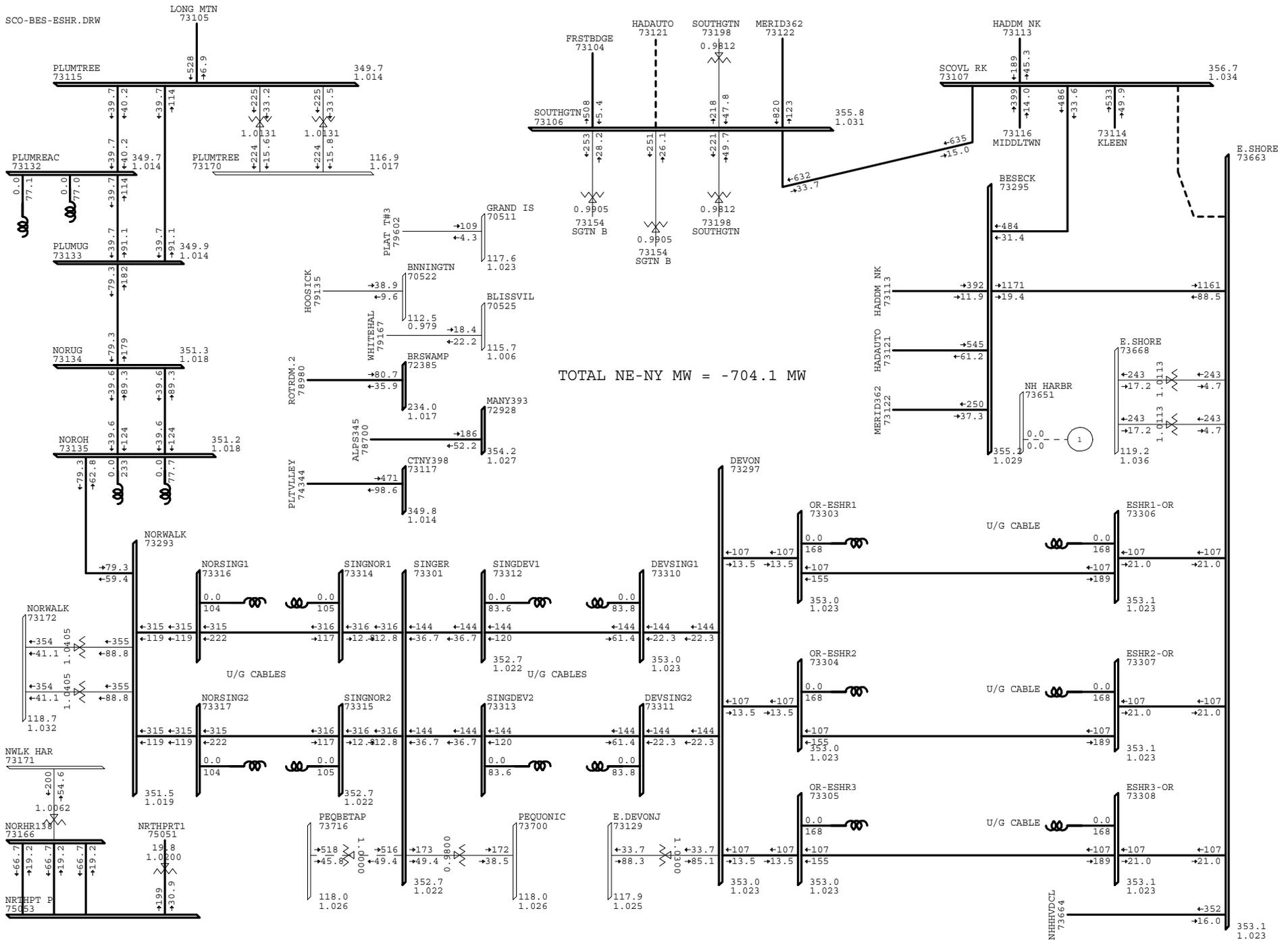
BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



TOTAL NE-NY MW = -703.1 MW



TOTAL NE-NY MW = -701.0 MW



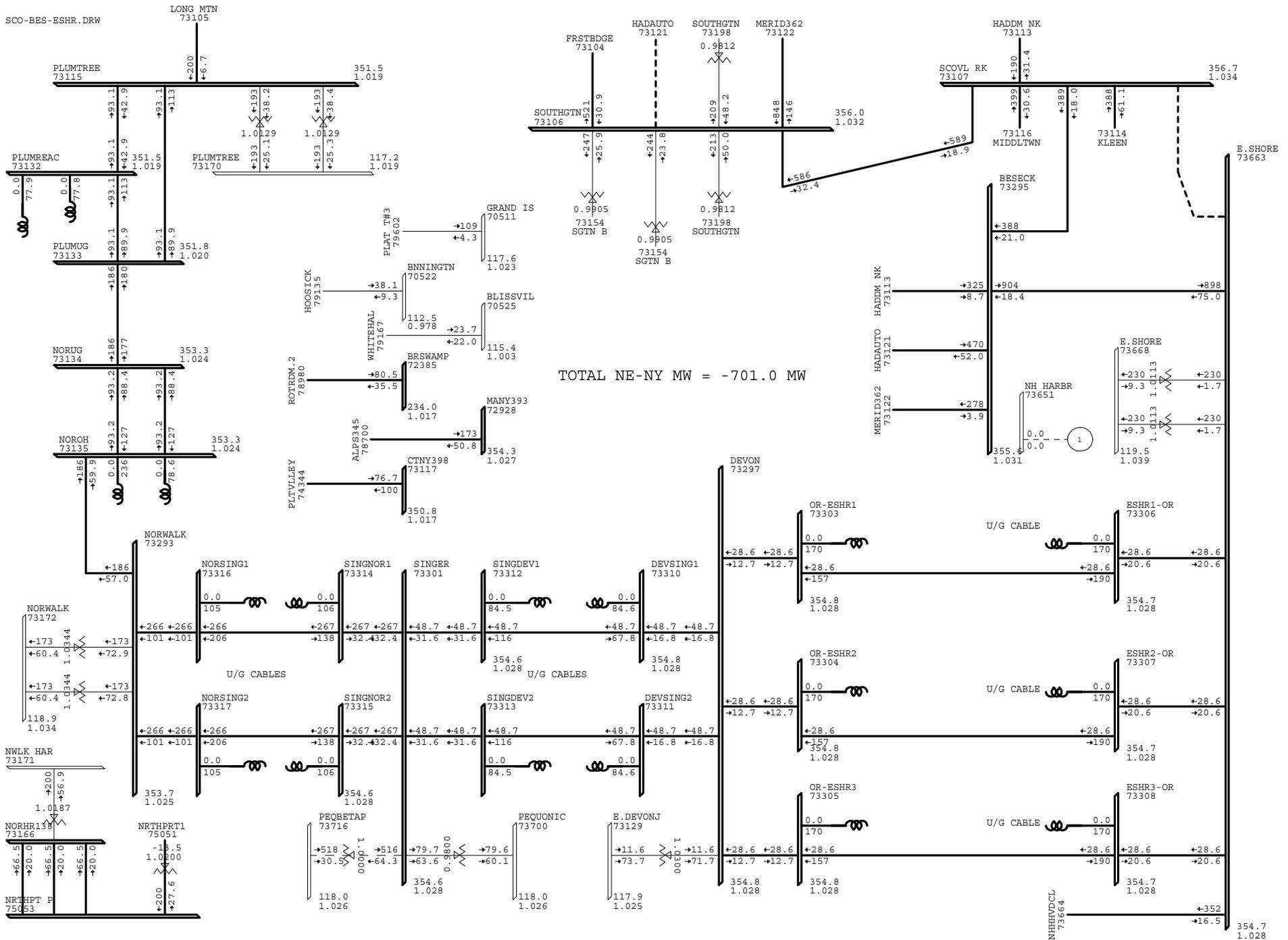
TOTAL NE-NY MW = -704.1 MW



ESB277-23C, 27.7GW LD, DISP 23, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NY-NE 700, NHHS OFF
 BASE CASE WED, MAY 26 2004 11:38

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



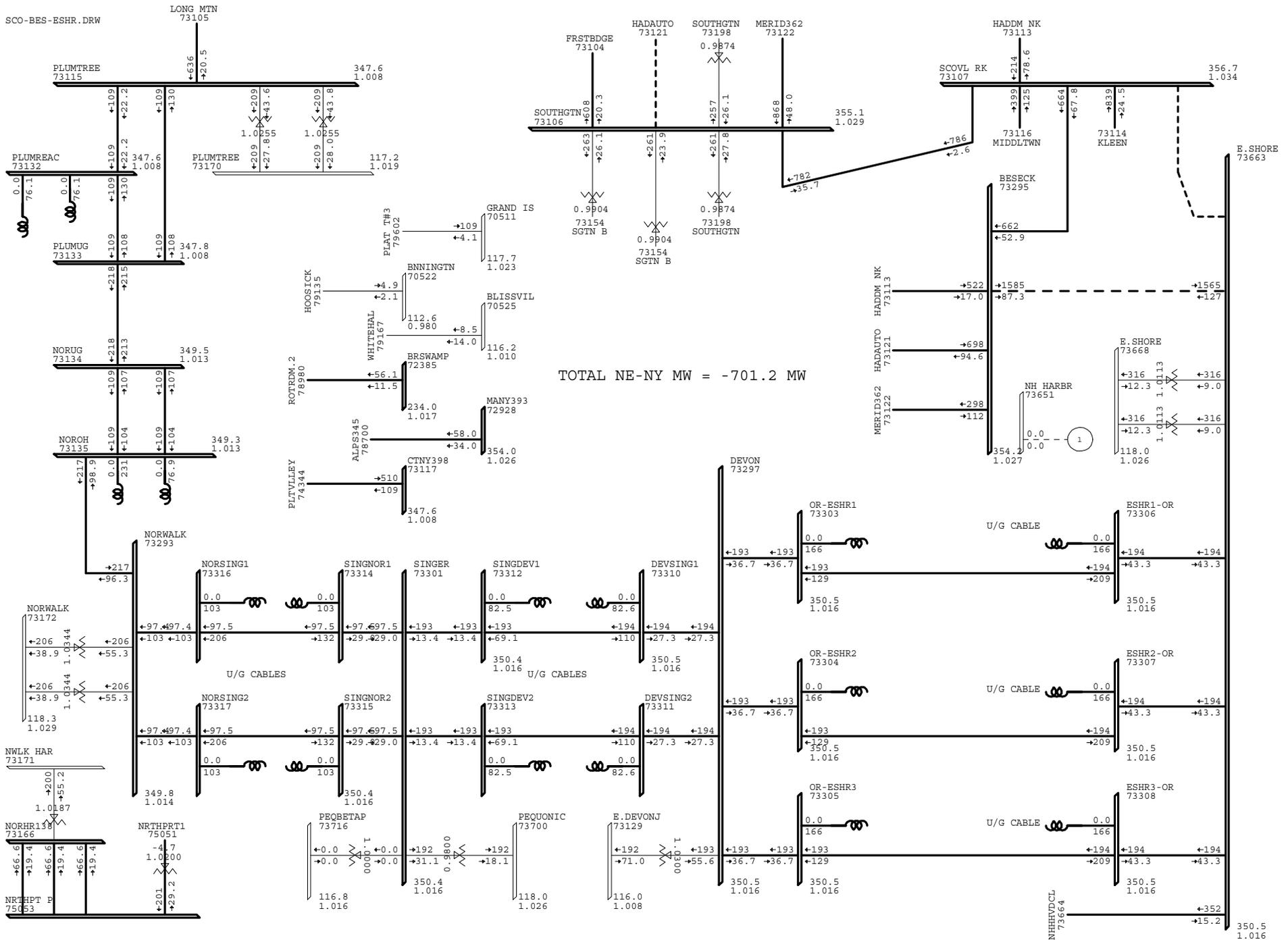
TOTAL NE-NY MW = -701.0 MW



ESB277-24C, 27.7GW LD, DISP 24, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NY-NE 700, NHHS OFF
 BASE CASE WED, MAY 26 2004 11:38

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



ESB277-25C, 27.7GW LD, DISP 25, SCOVILL-BESECK-ESHORE (RECON)
 PH1-XP, PH2 HPFF NOR-SNG-DEV-ESH U/G, NY-NE 700, NHHS OFF
 BASE CASE WED, MAY 26 2004 11:38

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR

Appendix C

Contingency Files

- with NHHS On-Line
- with NHHS Off-Line
(only contingencies differing from those with
NHHS on-line)

SWCT Transmission Expansion:
East Shore to Norwalk with Reconductored 387 Line (2x954) Looped into Beseck
Transmission Loading and Voltage Analysis, NE-NY ± 700 MW and 0 MW

With NHHS On-Line

/include kleen.con /if kleen station is modeled (series 6-9,14-17,22-25 only)
include no_kleen.con /if kleen station is not modeled (series 2-5,10-13,18-21 only)

CONTINGENCY 100LINE
OPEN LINE FROM BUS 73344 TO BUS 73343 CKT 1
END

CONTINGENCY 100+400LINES
OPEN LINE FROM BUS 73344 TO BUS 73343 CKT 1
OPEN LINE FROM BUS 73343 TO BUS 73345 CKT 1
OPEN LINE FROM BUS 73345 TO BUS 73615 CKT 1
OPEN LINE FROM BUS 73345 TO BUS 73617 CKT 1
END

CONTINGENCY 400LINE
OPEN LINE FROM BUS 73343 TO BUS 73345 CKT 1
OPEN LINE FROM BUS 73345 TO BUS 73615 CKT 1
OPEN LINE FROM BUS 73345 TO BUS 73617 CKT 1
END

CONTINGENCY 500LINE
OPEN LINE FROM BUS 73617 TO BUS 73616 CKT 1
END

CONTINGENCY 667-690LINE /Fallsvillage-Salisbury
OPEN LINE FROM BUS 73336 TO BUS 73337 CKT 1
END

CONTINGENCY 689LINE
OPEN LINE FROM BUS 73346 TO BUS 73336 CKT 1
END

CONTINGENCY 693LINE
OPEN LINE FROM BUS 73346 TO BUS 73336 CKT 2
END

CONTINGENCY 694LINE
OPEN LINE FROM BUS 73336 TO BUS 73335 CKT 1
END

CONTINGENCY 1000LINE
OPEN LINE FROM BUS 73210 TO BUS 73611 CKT 1
OPEN LINE FROM BUS 73612 TO BUS 73611 CKT 1
END

CONTINGENCY 1050LINE
OPEN LINE FROM BUS 73241 TO BUS 73269 CKT 1
END

CONTINGENCY 1050+1766LNS
OPEN LINE FROM BUS 73241 TO BUS 73269 CKT 1
OPEN LINE FROM BUS 73255 TO BUS 73269 CKT 1
END

CONTINGENCY 1060LINE
OPEN LINE FROM BUS 73170 TO BUS 73176 CKT 1
OPEN LINE FROM BUS 73176 TO BUS 73377 CKT 1
END

CONTINGENCY 1070LINE
OPEN LINE FROM BUS 73218 TO BUS 73291 CKT 1
END

CONTINGENCY 1070+1490LNS
OPEN LINE FROM BUS 73291 TO BUS 73218 CKT 1
OPEN LINE FROM BUS 73218 TO BUS 73215 CKT 1
END

CONTINGENCY 1080LINE
OPEN LINE FROM BUS 73214 TO BUS 73215 CKT 1
OPEN LINE FROM BUS 73214 TO BUS 73210 CKT 1

OPEN LINE FROM BUS 73214 TO BUS 73276 CKT 1
OPEN LINE FROM BUS 73276 TO BUS 73213 CKT 1
END

CONTINGENCY 1090LINE
OPEN LINE FROM BUS 73210 TO BUS 73291 CKT 1
END

CONTINGENCY 1100LINE
OPEN LINE FROM BUS 73219 TO BUS 73220 CKT 1
END

CONTINGENCY 1130LINE
OPEN LINE FROM BUS 73286 TO BUS 73700 CKT 1
END

CONTINGENCY 1130+1416LNS
OPEN LINE FROM BUS 73286 TO BUS 73700 CKT 1
OPEN LINE FROM BUS 73286 TO BUS 73300 CKT 1
OPEN LINE FROM BUS 73267 TO BUS 73300 CKT 1
END

CONTINGENCY 1163LINE
OPEN LINE FROM BUS 73204 TO BUS 73205 CKT 1
OPEN LINE FROM BUS 73205 TO BUS 73202 CKT 1
OPEN LINE FROM BUS 73205 TO BUS 73201 CKT 1
END

CONTINGENCY 1163+1910LNS
DISCONNECT BUS 73127
OPEN LINE FROM BUS 73204 TO BUS 73205 CKT 1
OPEN LINE FROM BUS 73205 TO BUS 73202 CKT 1
OPEN LINE FROM BUS 73205 TO BUS 73201 CKT 1
END

CONTINGENCY 1165LINE
OPEN LINE FROM BUS 73170 TO BUS 73176 CKT 2
OPEN LINE FROM BUS 73176 TO BUS 73383 CKT 1
END

CONTINGENCY 1191LINE
OPEN LINE FROM BUS 73202 TO BUS 73203 CKT 1
END

CONTINGENCY 1200LINE
OPEN LINE FROM BUS 73219 TO BUS 73222 CKT 1
END

CONTINGENCY 1206LINE
OPEN LINE FROM BUS 73230 TO BUS 73600 CKT 1
END

CONTINGENCY 1207LINE
OPEN LINE FROM BUS 73242 TO BUS 73250 CKT 1
END

CONTINGENCY 1208LINE
OPEN LINE FROM BUS 73198 TO BUS 73631 CKT 1
END

CONTINGENCY 1222LINE
OPEN LINE FROM BUS 73709 TO BUS 73711 CKT 1
OPEN LINE FROM BUS 73711 TO BUS 73710 CKT 2
END

CONTINGENCY 1235LINE
OPEN LINE FROM BUS 73210 TO BUS 73151 CKT 1
END

CONTINGENCY 1238LINE
OPEN LINE FROM BUS 73202 TO BUS 73180 CKT 1

END

CONTINGENCY 1238+1813LNS

OPEN LINE FROM BUS 73202 TO BUS 73180 CKT 1
OPEN LINE FROM BUS 73180 TO BUS 73190 CKT 1
END

CONTINGENCY 1250LINE

OPEN LINE FROM BUS 73210 TO BUS 73152 CKT 1
END

CONTINGENCY 1261LINE

OPEN LINE FROM BUS 73230 TO BUS 73231 CKT 1
END

CONTINGENCY 1270LINE

OPEN LINE FROM BUS 73170 TO BUS 73268 CKT 1
END

CONTINGENCY 1272LINE

OPEN LINE FROM BUS 73185 TO BUS 73183 CKT 1
END

CONTINGENCY 1272+1445LNS

OPEN LINE FROM BUS 73185 TO BUS 73183 CKT 1
OPEN LINE FROM BUS 73202 TO BUS 73183 CKT 1
END

CONTINGENCY 1280LINE

OPEN LINE FROM BUS 73216 TO BUS 73217 CKT 1
OPEN LINE FROM BUS 73216 TO BUS 73177 CKT 1
OPEN LINE FROM BUS 73216 TO BUS 73210 CKT 1
END

CONTINGENCY 1300LINE

OPEN LINE FROM BUS 73220 TO BUS 73222 CKT 1
OPEN LINE FROM BUS 73222 TO BUS 73539 CKT 1
END

CONTINGENCY 1310LINE

OPEN LINE FROM BUS 73283 TO BUS 73221 CKT 1
OPEN LINE FROM BUS 73242 TO BUS 73283 CKT 1
OPEN LINE FROM BUS 73283 TO BUS 73219 CKT 1
OPEN LINE FROM BUS 73221 TO BUS 73458 CKT 1
END

CONTINGENCY 1337LINE

OPEN LINE FROM BUS 73176 TO BUS 73268 CKT 1
OPEN LINE FROM BUS 73176 TO BUS 73377 CKT 2
END

CONTINGENCY 1342LINE

OPEN LINE FROM BUS 73231 TO BUS 73265 CKT 1
END

CONTINGENCY 1355LINE

OPEN LINE FROM BUS 73184 TO BUS 73634 CKT 1
OPEN LINE FROM BUS 73184 TO BUS 73182 CKT 1
OPEN LINE FROM BUS 73184 TO BUS 73198 CKT 1
END

CONTINGENCY ONE1385

OPEN LINE FROM BUS 73166 TO BUS 75053 CKT 1
END

CONTINGENCY 1385LN+AUTO

OPEN LINE FROM BUS 75051 TO BUS 75053 CKT 1
OPEN LINE FROM BUS 75053 TO BUS 73166 CKT 1
OPEN LINE FROM BUS 75053 TO BUS 73166 CKT 2
OPEN LINE FROM BUS 75053 TO BUS 73166 CKT 3
OPEN LINE FROM BUS 73166 TO BUS 73171 CKT 1

END

CONTINGENCY 1389LINE
OPEN LINE FROM BUS 73207 TO BUS 73172 CKT 1
END

CONTINGENCY 1394LINE
OPEN LINE FROM BUS 73266 TO BUS 72978 CKT 1
END

CONTINGENCY 1410LINE
OPEN LINE FROM BUS 73210 TO BUS 73613 CKT 1
END

CONTINGENCY 1416LINE
OPEN LINE FROM BUS 73267 TO BUS 73300 CKT 1
OPEN LINE FROM BUS 73300 TO BUS 73286 CKT 1
END

CONTINGENCY 1430LINE
DISCONNECT BUS 73714
END

CONTINGENCY 1440LINE
OPEN LINE FROM BUS 73168 TO BUS 73162 CKT 1
END

CONTINGENCY 1443LINE
OPEN LINE FROM BUS 73241 TO BUS 73264 CKT 1
END

CONTINGENCY 1443+1759LNS
OPEN LINE FROM BUS 73241 TO BUS 73264 CKT 1
OPEN LINE FROM BUS 73259 TO BUS 73264 CKT 1
END

CONTINGENCY 1445LINE
OPEN LINE FROM BUS 73202 TO BUS 73183 CKT 1
END

CONTINGENCY 1450LINE
OPEN LINE FROM BUS 73168 TO BUS 73167 CKT 1
END

CONTINGENCY 1460LINE
OPEN LINE FROM BUS 73287 TO BUS 73668 CKT 1
END

CONTINGENCY 1466LINE
OPEN LINE FROM BUS 73227 TO BUS 73633 CKT 1
END

CONTINGENCY 1470LINE
OPEN LINE FROM BUS 73172 TO BUS 73174 CKT 1
OPEN LINE FROM BUS 73174 TO BUS 73143 CKT 1
OPEN LINE FROM BUS 73372 TO BUS 73143 CKT 1
END

CONTINGENCY 1490LINE
OPEN LINE FROM BUS 73215 TO BUS 73218 CKT 1
END

CONTINGENCY 1500LINE
OPEN LINE FROM BUS 73156 TO BUS 73150 CKT 1
OPEN LINE FROM BUS 73156 TO BUS 73149 CKT 1
OPEN LINE FROM BUS 73156 TO BUS 73210 CKT 1
END

CONTINGENCY 1505LINE
OPEN LINE FROM BUS 73213 TO BUS 73223 CKT 1
OPEN LINE FROM BUS 73223 TO BUS 73236 CKT 1

OPEN LINE FROM BUS 73236 TO BUS 73443 CKT 1
OPEN LINE FROM BUS 73223 TO BUS 73270 CKT 1
OPEN LINE FROM BUS 73476 TO BUS 73270 CKT 1
OPEN LINE FROM BUS 73270 TO BUS 73444 CKT 1
OPEN LINE FROM BUS 73475 TO BUS 73476 CKT 1
END

CONTINGENCY 1508LINE
OPEN LINE FROM BUS 73153 TO BUS 73265 CKT 1
END

CONTINGENCY 1515LINE
OPEN LINE FROM BUS 72972 TO BUS 73266 CKT 1
END

CONTINGENCY 1537LINE
OPEN LINE FROM BUS 73287 TO BUS 73153 CKT 1
END

CONTINGENCY 1545LINE
OPEN LINE FROM BUS 73126 TO BUS 73704 CKT 1
END

CONTINGENCY 1545+SPS
OPEN LINE FROM BUS 73126 TO BUS 73704 CKT 1
OPEN LINE FROM BUS 73705 TO BUS 73706 CKT 1
END

CONTINGENCY 1550LINE
OPEN LINE FROM BUS 73211 TO BUS 73200 CKT 1
OPEN LINE FROM BUS 73200 TO BUS 73181 CKT 1
OPEN LINE FROM BUS 73200 TO BUS 73202 CKT 1
END

CONTINGENCY 1550+1950LNS
DISCONNECT BUS 73128
OPEN LINE FROM BUS 73211 TO BUS 73200 CKT 1
OPEN LINE FROM BUS 73200 TO BUS 73181 CKT 1
OPEN LINE FROM BUS 73200 TO BUS 73202 CKT 1
END

CONTINGENCY 1560LINE
OPEN LINE FROM BUS 73704 TO BUS 73191 CKT 1
OPEN LINE FROM BUS 73187 TO BUS 73191 CKT 1
OPEN LINE FROM BUS 73706 TO BUS 73191 CKT 1
END

CONTINGENCY 1565LINE
DISCONNECT BUS 73155
OPEN LINE FROM BUS 73372 TO BUS 73146 CKT 1
END

CONTINGENCY 1570LINE
OPEN LINE FROM BUS 73126 TO BUS 73192 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73188 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73705 CKT 1
END

CONTINGENCY 1572LINE
OPEN LINE FROM BUS 73241 TO BUS 73249 CKT 1
END

CONTINGENCY 1572+1772LNS
OPEN LINE FROM BUS 73241 TO BUS 73249 CKT 1
OPEN LINE FROM BUS 73600 TO BUS 73249 CKT 1
END

CONTINGENCY 1575LINE
DISCONNECT BUS 73228
END

CONTINGENCY 1580LINE
OPEN LINE FROM BUS 73126 TO BUS 73199 CKT 1
END

CONTINGENCY 1585LINE
OPEN LINE FROM BUS 73185 TO BUS 73199 CKT 1
END

CONTINGENCY 1588LINE
OPEN LINE FROM BUS 73633 TO BUS 73634 CKT 1
END

CONTINGENCY 1594LINE
OPEN LINE FROM BUS 73705 TO BUS 73706 CKT 1
END

CONTINGENCY 1605LINE
OPEN LINE FROM BUS 73157 TO BUS 73238 CKT 1
OPEN LINE FROM BUS 73157 TO BUS 73239 CKT 1
OPEN LINE FROM BUS 73157 TO BUS 73210 CKT 1
END

CONTINGENCY 1607LINE
OPEN LINE FROM BUS 73213 TO BUS 73226 CKT 1
OPEN LINE FROM BUS 73226 TO BUS 73229 CKT 1
OPEN LINE FROM BUS 73226 TO BUS 73281 CKT 1
OPEN LINE FROM BUS 73212 TO BUS 73281 CKT 1
OPEN LINE FROM BUS 73229 TO BUS 73443 CKT 1
OPEN LINE FROM BUS 73212 TO BUS 73442 CKT 1
END

CONTINGENCY 1610LINE
OPEN LINE FROM BUS 73196 TO BUS 73707 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73675 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73198 CKT 1
END

CONTINGENCY 1618LINE
OPEN LINE FROM BUS 73190 TO BUS 73179 CKT 1
END

CONTINGENCY 1620SLINE
OPEN LINE FROM BUS 73231 TO BUS 73230 CKT 2
END

CONTINGENCY 1620NLINE
OPEN LINE FROM BUS 73230 TO BUS 73241 CKT 1
END

CONTINGENCY 1622LINE
OPEN LINE FROM BUS 73178 TO BUS 73159 CKT 1
OPEN LINE FROM BUS 73178 TO BUS 73341 CKT 1
END

CONTINGENCY 1625LINE
OPEN LINE FROM BUS 73219 TO BUS 73161 CKT 1
END

CONTINGENCY 1630LINE
OPEN LINE FROM BUS 73631 TO BUS 73632 CKT 1
OPEN LINE FROM BUS 73632 TO BUS 73671 CKT 1
END

CONTINGENCY 1637LINE
OPEN LINE FROM BUS 73292 TO BUS 73158 CKT 1
OPEN LINE FROM BUS 73292 TO BUS 73172 CKT 2
END

CONTINGENCY 1640LINE
OPEN LINE FROM BUS 73195 TO BUS 73631 CKT 1
END

CONTINGENCY 1655LINE
OPEN LINE FROM BUS 73153 TO BUS 73671 CKT 1
END

CONTINGENCY 1668LINE
OPEN LINE FROM BUS 73185 TO BUS 73189 CKT 1
END

CONTINGENCY 1670LINE
OPEN LINE FROM BUS 73206 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73206 TO BUS 73243 CKT 1
OPEN LINE FROM BUS 73206 TO BUS 73273 CKT 1
END

CONTINGENCY 1675LINE
OPEN LINE FROM BUS 73612 TO BUS 73213 CKT 1
END

CONTINGENCY 1685LINE
OPEN LINE FROM BUS 73195 TO BUS 73707 CKT 1
END

CONTINGENCY 1690LINE
OPEN LINE FROM BUS 73154 TO BUS 73193 CKT 1
OPEN LINE FROM BUS 73193 TO BUS 73197 CKT 1
END

CONTINGENCY 1704LINE
OPEN LINE FROM BUS 73246 TO BUS 73248 CKT 1
END

CONTINGENCY 1710LINE
OPEN LINE FROM BUS 73126 TO BUS 73225 CKT 1
OPEN LINE FROM BUS 73225 TO BUS 73700 CKT 2
OPEN LINE FROM BUS 73225 TO BUS 73709 CKT 1
END

CONTINGENCY 1720LINE
OPEN LINE FROM BUS 73172 TO BUS 73710 CKT 1
END

CONTINGENCY 1721LINE
OPEN LINE FROM BUS 73202 TO BUS 73189 CKT 1
END

CONTINGENCY 1722LINE
OPEN LINE FROM BUS 73248 TO BUS 73279 CKT 1
OPEN LINE FROM BUS 73261 TO BUS 73279 CKT 1
END

CONTINGENCY 1726LINE
OPEN LINE FROM BUS 73244 TO BUS 73247 CKT 1
END

CONTINGENCY 1730ALINE
OPEN LINE FROM BUS 73224 TO BUS 73158 CKT 1
END

CONTINGENCY 1730BLINE
OPEN LINE FROM BUS 73126 TO BUS 73224 CKT 1
END

CONTINGENCY 1730CLINE
OPEN LINE FROM BUS 73224 TO BUS 73700 CKT 1
END

CONTINGENCY 1732LINE
OPEN LINE FROM BUS 73263 TO BUS 73262 CKT 1
OPEN LINE FROM BUS 73263 TO BUS 73260 CKT 1
OPEN LINE FROM BUS 73263 TO BUS 73203 CKT 1

END

CONTINGENCY 1740LINE
OPEN LINE FROM BUS 73162 TO BUS 73163 CKT 1
END

CONTINGENCY 1750LINE
OPEN LINE FROM BUS 73167 TO BUS 73144 CKT 1
OPEN LINE FROM BUS 73144 TO BUS 73163 CKT 1
END

CONTINGENCY 1751LINE
OPEN LINE FROM BUS 73251 TO BUS 73244 CKT 1
OPEN LINE FROM BUS 73251 TO BUS 73261 CKT 1
OPEN LINE FROM BUS 73251 TO BUS 73242 CKT 1
END

CONTINGENCY 1752LINE
OPEN LINE FROM BUS 73243 TO BUS 73257 CKT 1
END

CONTINGENCY 1753LINE
OPEN LINE FROM BUS 73168 TO BUS 73145 CKT 1
END

CONTINGENCY 1756LINE
OPEN LINE FROM BUS 73258 TO BUS 73261 CKT 1
END

CONTINGENCY 1759LINE
OPEN LINE FROM BUS 73259 TO BUS 73264 CKT 1
END

CONTINGENCY 1760LINE /Newtown-Plumtree
OPEN LINE FROM BUS 73194 TO BUS 73170 CKT 1
END

CONTINGENCY 1760+1876LNS /Stevenson-SandyHook-Newtown-Plumtree
OPEN LINE FROM BUS 73187 TO BUS 73282 CKT 1
OPEN LINE FROM BUS 73282 TO BUS 73194 CKT 1
OPEN LINE FROM BUS 73194 TO BUS 73170 CKT 1
END

CONTINGENCY 1763LINE
OPEN LINE FROM BUS 73242 TO BUS 73284 CKT 1
OPEN LINE FROM BUS 73284 TO BUS 73219 CKT 1
OPEN LINE FROM BUS 73284 TO BUS 73131 CKT 1
OPEN LINE FROM BUS 73131 TO BUS 73458 CKT 1
END

CONTINGENCY 1765LINE
OPEN LINE FROM BUS 73243 TO BUS 73255 CKT 1
END

CONTINGENCY 1766LINE
OPEN LINE FROM BUS 73255 TO BUS 73269 CKT 1
END

CONTINGENCY 1767LINE
OPEN LINE FROM BUS 73242 TO BUS 73259 CKT 1
END

CONTINGENCY 1769LINE
OPEN LINE FROM BUS 73243 TO BUS 73256 CKT 1
END

CONTINGENCY 1770LINE
OPEN LINE FROM BUS 73170 TO BUS 73165 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73159 CKT 1
END

CONTINGENCY 1771LINE
OPEN LINE FROM BUS 73198 TO BUS 73243 CKT 1
END

CONTINGENCY 1772LINE
OPEN LINE FROM BUS 73600 TO BUS 73249 CKT 1
END

CONTINGENCY 1773LINE
OPEN LINE FROM BUS 73246 TO BUS 73257 CKT 1
END

CONTINGENCY 1775LINE
OPEN LINE FROM BUS 73253 TO BUS 73246 CKT 1
OPEN LINE FROM BUS 73253 TO BUS 73274 CKT 1
OPEN LINE FROM BUS 73253 TO BUS 73242 CKT 1
OPEN LINE FROM BUS 73274 TO BUS 73537 CKT 1
END

CONTINGENCY 1777LINE
OPEN LINE FROM BUS 73244 TO BUS 73258 CKT 1
END

CONTINGENCY 1779LINE
OPEN LINE FROM BUS 73246 TO BUS 73258 CKT 1
END

CONTINGENCY 1780LINE
OPEN LINE FROM BUS 73195 TO BUS 73690 CKT 1
END

CONTINGENCY 1783LINE
OPEN LINE FROM BUS 73254 TO BUS 73247 CKT 1
OPEN LINE FROM BUS 73254 TO BUS 73256 CKT 1
END

CONTINGENCY 1784LINE
OPEN LINE FROM BUS 73244 TO BUS 73288 CKT 1
OPEN LINE FROM BUS 73288 TO BUS 73262 CKT 1
END

CONTINGENCY 1785LINE
OPEN LINE FROM BUS 73243 TO BUS 73254 CKT 1
END

CONTINGENCY 1786LINE
OPEN LINE FROM BUS 73252 TO BUS 73246 CKT 1
OPEN LINE FROM BUS 73252 TO BUS 73275 CKT 1
OPEN LINE FROM BUS 73252 TO BUS 73250 CKT 1
END

CONTINGENCY 1788LINE
OPEN LINE FROM BUS 73245 TO BUS 73260 CKT 1
END

CONTINGENCY 1790LINE
OPEN LINE FROM BUS 73195 TO BUS 73691 CKT 1
END

CONTINGENCY 1792LINE
OPEN LINE FROM BUS 73168 TO BUS 73145 CKT 2
END

CONTINGENCY 1800-1860LNS
OPEN LINE FROM BUS 73208 TO BUS 73154 CKT 1
OPEN LINE FROM BUS 73208 TO BUS 73148 CKT 1
OPEN LINE FROM BUS 73208 TO BUS 73232 CKT 1
END

CONTINGENCY 1810LINE
OPEN LINE FROM BUS 73234 TO BUS 73233 CKT 1

OPEN LINE FROM BUS 73234 TO BUS 73235 CKT 1
OPEN LINE FROM BUS 73234 TO BUS 73154 CKT 1
END

CONTINGENCY 1813LINE
OPEN LINE FROM BUS 73180 TO BUS 73190 CKT 1
END

CONTINGENCY 1820LINE
OPEN LINE FROM BUS 73175 TO BUS 73154 CKT 1
END

CONTINGENCY 1821LINE
OPEN LINE FROM BUS 73244 TO BUS 72991 CKT 1
END

CONTINGENCY 1825LINE
OPEN LINE FROM BUS 73232 TO BUS 73233 CKT 1
END

CONTINGENCY 1830LINE
OPEN LINE FROM BUS 73272 TO BUS 73198 CKT 1
END

CONTINGENCY 1835LINE
OPEN LINE FROM BUS 73235 TO BUS 73240 CKT 1
END

CONTINGENCY 1836LINE
OPEN LINE FROM BUS 73244 TO BUS 72992 CKT 1
END

CONTINGENCY 1867LINE
OPEN LINE FROM BUS 73171 TO BUS 73271 CKT 1
OPEN LINE FROM BUS 73168 TO BUS 73271 CKT 1
OPEN LINE FROM BUS 73207 TO BUS 73271 CKT 1
END

CONTINGENCY 1870LINE
OPEN LINE FROM BUS 73177 TO BUS 73285 CKT 1
OPEN LINE FROM BUS 73285 TO BUS 72581 CKT 1
END

CONTINGENCY 1876LINE /Stevenson-SandyHook-Newtown
OPEN LINE FROM BUS 73187 TO BUS 73282 CKT 1
OPEN LINE FROM BUS 73282 TO BUS 73194 CKT 1
END

CONTINGENCY 1880LINE
OPEN LINE FROM BUS 73172 TO BUS 73169 CKT 1
OPEN LINE FROM BUS 73168 TO BUS 73169 CKT 1
OPEN LINE FROM BUS 73171 TO BUS 73169 CKT 1
END

CONTINGENCY 1887LINE
OPEN LINE FROM BUS 73179 TO BUS 73165 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73178 CKT 1
END

CONTINGENCY 1890LINE
OPEN LINE FROM BUS 73171 TO BUS 73237 CKT 1
OPEN LINE FROM BUS 73237 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73237 TO BUS 73173 CKT 1
END

CONTINGENCY 1900LINE
OPEN LINE FROM BUS 73203 TO BUS 73245 CKT 1
END

CONTINGENCY 1910LINE
DISCONNECT BUS 73127

END

CONTINGENCY 1921LINE
OPEN LINE FROM BUS 73203 TO BUS 73240 CKT 1
END

CONTINGENCY 1950LINE
DISCONNECT BUS 73128
END

CONTINGENCY 1975LINE
OPEN LINE FROM BUS 73230 TO BUS 73227 CKT 1
END

CONTINGENCY 1977LINENEW
OPEN LINE FROM BUS 73294 TO BUS 73267 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73167 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73168 CKT 1
END

CONTINGENCY 1990LINE
DISCONNECT BUS 73164
END

CONTINGENCY 8100LINE
OPEN LINE FROM BUS 73669 TO BUS 73679 CKT 1
OPEN LINE FROM BUS 73679 TO BUS 73668 CKT 1
END

CONTINGENCY 8200LINE
OPEN LINE FROM BUS 73668 TO BUS 73669 CKT 2
END

CONTINGENCY 8300LINE
OPEN LINE FROM BUS 73670 TO BUS 73676 CKT 1
END

CONTINGENCY 8400LINE
OPEN LINE FROM BUS 73669 TO BUS 73672 CKT 1
END

CONTINGENCY 8500LINE
OPEN LINE FROM BUS 73680 TO BUS 73669 CKT 1
END

CONTINGENCY 8600LINE
OPEN LINE FROM BUS 73670 TO BUS 73671 CKT 1
END

CONTINGENCY 8700LINE
OPEN LINE FROM BUS 73681 TO BUS 73680 CKT 1
END

CONTINGENCY 8804ALINE
OPEN LINE FROM BUS 73686 TO BUS 73684 CKT 1
END

CONTINGENCY 8809ALINE-1
OPEN LINE FROM BUS 73700 TO BUS 73696 CKT 1
END

CONTINGENCY 8809ALINE-2
OPEN LINE FROM BUS 73694 TO BUS 73712 CKT 1
END

CONTINGENCY 8904BLINE
OPEN LINE FROM BUS 73687 TO BUS 73685 CKT 1
END

CONTINGENCY 8909BLINE-1
OPEN LINE FROM BUS 73700 TO BUS 73697 CKT 1

END

CONTINGENCY 8909BLINE-2
OPEN LINE FROM BUS 73695 TO BUS 73713 CKT 1
END

CONTINGENCY 9500LINE
OPEN LINE FROM BUS 73678 TO BUS 73680 CKT 1
END

CONTINGENCY 9502LINE
OPEN LINE FROM BUS 73678 TO BUS 73676 CKT 1
END

CONTINGENCY 84004LINE
OPEN LINE FROM BUS 73672 TO BUS 73673 CKT 1
OPEN LINE FROM BUS 73673 TO BUS 73675 CKT 1
END

CONTINGENCY 88003ALINE
OPEN LINE FROM BUS 73681 TO BUS 73669 CKT 1
OPEN LINE FROM BUS 73682 TO BUS 73681 CKT 1
OPEN LINE FROM BUS 73682 TO BUS 73684 CKT 1
OPEN LINE FROM BUS 73682 TO BUS 73742 CKT 1
END

CONTINGENCY 88003ALINE-1
OPEN LINE FROM BUS 73681 TO BUS 73669 CKT 1
END

CONTINGENCY 88003ALINE-2
OPEN LINE FROM BUS 73682 TO BUS 73681 CKT 1
END

CONTINGENCY 88003ALINE-3
OPEN LINE FROM BUS 73682 TO BUS 73684 CKT 1
END

CONTINGENCY 88005ALINE
OPEN LINE FROM BUS 73195 TO BUS 73690 CKT 1
OPEN LINE FROM BUS 73690 TO BUS 73688 CKT 1
OPEN LINE FROM BUS 73688 TO BUS 73686 CKT 1
OPEN LINE FROM BUS 73688 TO BUS 73748 CKT 1
END

CONTINGENCY 88005ALINE-1
OPEN LINE FROM BUS 73688 TO BUS 73686 CKT 1
END

CONTINGENCY 88005ALINE-2
OPEN LINE FROM BUS 73690 TO BUS 73688 CKT 1
END

CONTINGENCY 88006ALINE
OPEN LINE FROM BUS 73690 TO BUS 73692 CKT 1
OPEN LINE FROM BUS 73692 TO BUS 73694 CKT 1
OPEN LINE FROM BUS 73694 TO BUS 73754 CKT 1
OPEN LINE FROM BUS 73692 TO BUS 73752 CKT 1
END

CONTINGENCY 89003BLINE
OPEN LINE FROM BUS 73669 TO BUS 73681 CKT 2
OPEN LINE FROM BUS 73681 TO BUS 73683 CKT 1
OPEN LINE FROM BUS 73683 TO BUS 73685 CKT 1
OPEN LINE FROM BUS 73683 TO BUS 73742 CKT 1
END

CONTINGENCY 89003BLINE-1
OPEN LINE FROM BUS 73669 TO BUS 73681 CKT 2
END

CONTINGENCY 89003BLINE-2
OPEN LINE FROM BUS 73681 TO BUS 73683 CKT 1
END

CONTINGENCY 89003BLINE-3
OPEN LINE FROM BUS 73683 TO BUS 73685 CKT 1
END

CONTINGENCY 89005BLINE
OPEN LINE FROM BUS 73691 TO BUS 73689 CKT 1
OPEN LINE FROM BUS 73689 TO BUS 73687 CKT 1
OPEN LINE FROM BUS 73689 TO BUS 73748 CKT 1
END

CONTINGENCY 89005BLINE-1
OPEN LINE FROM BUS 73689 TO BUS 73687 CKT 1
END

CONTINGENCY 89005BLINE-2
OPEN LINE FROM BUS 73691 TO BUS 73689 CKT 1
END

CONTINGENCY 89006BLINE
OPEN LINE FROM BUS 73691 TO BUS 73693 CKT 1
OPEN LINE FROM BUS 73693 TO BUS 73695 CKT 1
OPEN LINE FROM BUS 73195 TO BUS 73691 CKT 1
OPEN LINE FROM BUS 73693 TO BUS 73752 CKT 1
OPEN LINE FROM BUS 73695 TO BUS 73754 CKT 1
END

CONTINGENCY 89006BLINE-1
OPEN LINE FROM BUS 73691 TO BUS 73693 CKT 1
OPEN LINE FROM BUS 73693 TO BUS 73695 CKT 1
OPEN LINE FROM BUS 73693 TO BUS 73752 CKT 1
OPEN LINE FROM BUS 73695 TO BUS 73754 CKT 1
END

CONTINGENCY 91001LINE
OPEN LINE FROM BUS 73701 TO BUS 73702 CKT 1
OPEN LINE FROM BUS 73700 TO BUS 73701 CKT 1
OPEN LINE FROM BUS 73703 TO BUS 73701 CKT 1
END

CONTINGENCY 301-302LNS
OPEN LINE FROM BUS 72925 TO BUS 72929 CKT 1
OPEN LINE FROM BUS 72929 TO BUS 71796 CKT 1
OPEN LINE FROM BUS 71796 TO BUS 71797 CKT 1
OPEN LINE FROM BUS 72925 TO BUS 72972 CKT 1
END

CONTINGENCY 310LINE
OPEN LINE FROM BUS 73110 TO BUS 73112 CKT 1
END

CONTINGENCY 312LINE
OPEN LINE FROM BUS 72928 TO BUS 72924 CKT 1
OPEN LINE FROM BUS 72924 TO BUS 72952 CKT 1
OPEN LINE FROM BUS 72924 TO BUS 72926 CKT 1
END

CONTINGENCY 312+393LNS
OPEN LINE FROM BUS 72928 TO BUS 72924 CKT 1
OPEN LINE FROM BUS 72924 TO BUS 72952 CKT 1
OPEN LINE FROM BUS 72924 TO BUS 72926 CKT 1
END

CONTINGENCY 312+393REAC
OPEN LINE FROM BUS 72926 TO BUS 72924 CKT 1
OPEN LINE FROM BUS 72924 TO BUS 72928 CKT 1
OPEN LINE FROM BUS 72928 TO BUS 78700 CKT 1
OPEN LINE FROM BUS 72924 TO BUS 72952 CKT 1

OPEN LINE FROM BUS 70508 TO BUS 70509 CKT 2
END

CONTINGENCY 318LINE
OPEN LINE FROM BUS 73106 TO BUS 73122 CKT 1
END

CONTINGENCY 321LINE
OPEN LINE FROM BUS 73105 TO BUS 73115 CKT 1
END

CONTINGENCY 329LINE
OPEN LINE FROM BUS 73106 TO BUS 73104 CKT 1
END

CONTINGENCY 330LINE
OPEN LINE FROM BUS 73108 TO BUS 73119 CKT 1
END

CONTINGENCY 330+LAKE
OPEN LINE FROM BUS 73108 TO BUS 73119 CKT 1
OPEN LINE FROM BUS 73119 TO BUS 73565 CKT 1
OPEN LINE FROM BUS 73119 TO BUS 73566 CKT 1
OPEN LINE FROM BUS 73119 TO BUS 73567 CKT 1
END

CONTINGENCY 347LINE
OPEN LINE FROM BUS 73119 TO BUS 73118 CKT 1
OPEN LINE FROM BUS 73118 TO BUS 71336 CKT 1
END

CONTINGENCY 347LREAC
OPEN LINE FROM BUS 73119 TO BUS 73118 CKT 1
OPEN LINE FROM BUS 73118 TO BUS 71336 CKT 1
OPEN LINE FROM BUS 70508 TO BUS 70509 CKT 2
END

CONTINGENCY 347+LAKE
OPEN LINE FROM BUS 73119 TO BUS 73118 CKT 1
OPEN LINE FROM BUS 73118 TO BUS 71336 CKT 1
OPEN LINE FROM BUS 73119 TO BUS 73565 CKT 1
OPEN LINE FROM BUS 73119 TO BUS 73566 CKT 1
OPEN LINE FROM BUS 73119 TO BUS 73567 CKT 1
END

/CONTINGENCY 348LINE ** revised
/OPEN LINE FROM BUS 73110 TO BUS 73106 CKT 1
/END

CONTINGENCY 348LINE
DISCONNECT BUS 73121
END

CONTINGENCY 348NLINE /added for ESA configuration by Manos
OPEN LINE FROM BUS 73106 TO BUS 73107 CKT 1
END

/CONTINGENCY 348+AUTO * revised
/OPEN LINE FROM BUS 73110 TO BUS 73106 CKT 1
/OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 4
/END

/CONTINGENCY 348+AUTO /* added for Phase 2/ removed by Manos for ESA configuration
/disconnect bus 73121
/OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 4
/END

CONTINGENCY 348N+AUTO /added for ESA configuration by Manos
OPEN LINE FROM BUS 73106 TO BUS 73107 CKT 1
OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 4
END

CONTINGENCY 352LINE
OPEN LINE FROM BUS 73104 TO BUS 73105 CKT 1
END

CONTINGENCY 352+AUTO
OPEN LINE FROM BUS 73104 TO BUS 73105 CKT 1
OPEN LINE FROM BUS 73104 TO BUS 73202 CKT 1
END

CONTINGENCY 354LINE
OPEN LINE FROM BUS 72926 TO BUS 72925 CKT 1
END

/CONTINGENCY 362LINE /contingency removed by Manos
/OPEN LINE FROM BUS 73113 TO BUS 73122 CKT 1
/END

CONTINGENCY 364+AUTO
OPEN LINE FROM BUS 73109 TO BUS 73210 CKT 1
OPEN LINE FROM BUS 73109 TO BUS 73113 CKT 1
END

CONTINGENCY 368LINE
OPEN LINE FROM BUS 73108 TO BUS 73112 CKT 1
END

CONTINGENCY 371LINE
OPEN LINE FROM BUS 73109 TO BUS 73110 CKT 1
END

CONTINGENCY 371+AUTO
OPEN LINE FROM BUS 73109 TO BUS 73110 CKT 1
OPEN LINE FROM BUS 73109 TO BUS 73210 CKT 1
END

CONTINGENCY 376LINE
OPEN LINE FROM BUS 73113 TO BUS 73107 CKT 1
END

CONTINGENCY 381LINE
OPEN LINE FROM BUS 72926 TO BUS 72927 CKT 1
OPEN LINE FROM BUS 72927 TO BUS 70486 CKT 1
END

CONTINGENCY 381LREAC
OPEN LINE FROM BUS 72926 TO BUS 72927 CKT 1
OPEN LINE FROM BUS 72927 TO BUS 70486 CKT 1
OPEN LINE FROM BUS 70508 TO BUS 70509 CKT 2
END

CONTINGENCY 383LINE
OPEN LINE FROM BUS 73110 TO BUS 73108 CKT 1
END

CONTINGENCY 384LINE
DISCONNECT BUS 73116
DISCONNECT BUS 73557
END

/CONTINGENCY 387LINE ** removed
/OPEN LINE FROM BUS 73107 TO BUS 73663 CKT 1
/OPEN LINE FROM BUS 73663 TO BUS 73664 CKT 1
/END

/* removed for ESB series
/CONTINGENCY 387LINE /* revised for Phase 2
/OPEN LINE FROM BUS 73107 TO BUS 73663 CKT 1
/DISCONNECT BUS 73664
/DISCONNECT BUS 73665
/DISCONNECT BUS 75073

/END

CONTINGENCY 387NLINE /* added for ESB series
OPEN LINE FROM BUS 73107 TO BUS 73295 CKT 1
END

CONTINGENCY 387SLINE /* added for ESB series
OPEN LINE FROM BUS 73295 TO BUS 73663 CKT 1
DISCONNECT BUS 73664
DISCONNECT BUS 73665
DISCONNECT BUS 75073
END

/CONTINGENCY 387+AUTO ** removed for Phase 2
/OPEN LINE FROM BUS 73107 TO BUS 73663 CKT 1
/OPEN LINE FROM BUS 73663 TO BUS 73668 CKT 1
/OPEN LINE FROM BUS 73663 TO BUS 73668 CKT 2
/OPEN LINE FROM BUS 73663 TO BUS 73664 CKT 1
/END

CONTINGENCY 393LINE
OPEN LINE FROM BUS 72928 TO BUS 78700 CKT 1
END

CONTINGENCY 395LINE
OPEN LINE FROM BUS 73112 TO BUS 73103 CKT 1
OPEN LINE FROM BUS 73103 TO BUS 73111 CKT 1
OPEN LINE FROM BUS 73111 TO BUS 73244 CKT 1
OPEN LINE FROM BUS 73103 TO BUS 72925 CKT 1
END

CONTINGENCY 395+AUTO
OPEN LINE FROM BUS 73112 TO BUS 73103 CKT 1
OPEN LINE FROM BUS 73103 TO BUS 72925 CKT 1
OPEN LINE FROM BUS 72925 TO BUS 72972 CKT 1
OPEN LINE FROM BUS 73111 TO BUS 73244 CKT 1
OPEN LINE FROM BUS 73103 TO BUS 73111 CKT 1
END

CONTINGENCY 398LINE
OPEN LINE FROM BUS 73105 TO BUS 73117 CKT 1
OPEN LINE FROM BUS 73117 TO BUS 74344 CKT 1
END

CONTINGENCY 398LREAC
OPEN LINE FROM BUS 73105 TO BUS 73117 CKT 1
OPEN LINE FROM BUS 70508 TO BUS 70509 CKT 2
OPEN LINE FROM BUS 73117 TO BUS 74344 CKT 1
END

CONTINGENCY PLUMNOR
DISCONNECT BUS 73132
DISCONNECT BUS 73133
DISCONNECT BUS 73134
DISCONNECT BUS 73135
END

CONTINGENCY PLUMNOR+AUTO
DISCONNECT BUS 73132
DISCONNECT BUS 73133
DISCONNECT BUS 73134
DISCONNECT BUS 73135
OPEN LINE FROM BUS 73293 TO BUS 73172 CKT 1
END

CONTINGENCY NORAUTO
OPEN LINE FROM BUS 73293 TO BUS 73172 CKT 1
END

CONTINGENCY 1000-1090DCT
OPEN LINE FROM BUS 73210 TO BUS 73611 CKT 1

OPEN LINE FROM BUS 73611 TO BUS 73612 CKT 1
OPEN LINE FROM BUS 73210 TO BUS 73291 CKT 1
END

CONTINGENCY 1060-1165DCT
OPEN LINE FROM BUS 73170 TO BUS 73176 CKT 1
OPEN LINE FROM BUS 73170 TO BUS 73176 CKT 2
END

CONTINGENCY 1060-1270DCT
OPEN LINE FROM BUS 73170 TO BUS 73176 CKT 1
OPEN LINE FROM BUS 73170 TO BUS 73268 CKT 1
END

CONTINGENCY 1070-1080DCT
OPEN LINE FROM BUS 73214 TO BUS 73215 CKT 1
OPEN LINE FROM BUS 73214 TO BUS 73210 CKT 1
OPEN LINE FROM BUS 73214 TO BUS 73276 CKT 1
OPEN LINE FROM BUS 73276 TO BUS 73213 CKT 1
OPEN LINE FROM BUS 73291 TO BUS 73218 CKT 1
OPEN LINE FROM BUS 73215 TO BUS 73218 CKT 1
END

CONTINGENCY 1080-1280DCT
OPEN LINE FROM BUS 73214 TO BUS 73215 CKT 1
OPEN LINE FROM BUS 73214 TO BUS 73210 CKT 1
OPEN LINE FROM BUS 73214 TO BUS 73276 CKT 1
OPEN LINE FROM BUS 73276 TO BUS 73213 CKT 1
OPEN LINE FROM BUS 73216 TO BUS 73217 CKT 1
OPEN LINE FROM BUS 73216 TO BUS 73177 CKT 1
OPEN LINE FROM BUS 73216 TO BUS 73210 CKT 1
END

CONTINGENCY 1080-1490DCT
OPEN LINE FROM BUS 73214 TO BUS 73215 CKT 1
OPEN LINE FROM BUS 73210 TO BUS 73214 CKT 1
OPEN LINE FROM BUS 73215 TO BUS 73218 CKT 1
OPEN LINE FROM BUS 73214 TO BUS 73276 CKT 1
OPEN LINE FROM BUS 73276 TO BUS 73213 CKT 1
END

CONTINGENCY 1100-1200DCT
OPEN LINE FROM BUS 73219 TO BUS 73220 CKT 1
OPEN LINE FROM BUS 73219 TO BUS 73222 CKT 1
END

CONTINGENCY 1100-1300DCT
OPEN LINE FROM BUS 73219 TO BUS 73220 CKT 1
OPEN LINE FROM BUS 73220 TO BUS 73222 CKT 1
OPEN LINE FROM BUS 73222 TO BUS 73539 CKT 1
END

CONTINGENCY 1130-1430DCT
OPEN LINE FROM BUS 73286 TO BUS 73700 CKT 1
OPEN LINE FROM BUS 73267 TO BUS 73300 CKT 1
OPEN LINE FROM BUS 73300 TO BUS 73286 CKT 1
DISCONNECT BUS 73714
END

CONTINGENCY 113091001DCT
OPEN LINE FROM BUS 73701 TO BUS 73702 CKT 1
OPEN LINE FROM BUS 73700 TO BUS 73701 CKT 1
OPEN LINE FROM BUS 73703 TO BUS 73701 CKT 1
OPEN LINE FROM BUS 73286 TO BUS 73700 CKT 1
OPEN LINE FROM BUS 73267 TO BUS 73300 CKT 1
OPEN LINE FROM BUS 73300 TO BUS 73286 CKT 1
END

CONTINGENCY 1163-1550D-2
DISCONNECT BUS 73127
OPEN LINE FROM BUS 73204 TO BUS 73205 CKT 1

OPEN LINE FROM BUS 73205 TO BUS 73201 CKT 1
OPEN LINE FROM BUS 73205 TO BUS 73202 CKT 1
DISCONNECT BUS 73128
OPEN LINE FROM BUS 73211 TO BUS 73200 CKT 1
OPEN LINE FROM BUS 73200 TO BUS 73181 CKT 1
OPEN LINE FROM BUS 73200 TO BUS 73202 CKT 1
END

CONTINGENCY 1207-1775DCT
OPEN LINE FROM BUS 73242 TO BUS 73250 CKT 1
OPEN LINE FROM BUS 73242 TO BUS 73253 CKT 1
OPEN LINE FROM BUS 73253 TO BUS 73246 CKT 1
OPEN LINE FROM BUS 73253 TO BUS 73274 CKT 1
OPEN LINE FROM BUS 73274 TO BUS 73537 CKT 1
END

CONTINGENCY 1208-1640DCT
OPEN LINE FROM BUS 73198 TO BUS 73631 CKT 1
OPEN LINE FROM BUS 73195 TO BUS 73631 CKT 1
END

CONTINGENCY 1222-1730ADC
OPEN LINE FROM BUS 73709 TO BUS 73711 CKT 1
OPEN LINE FROM BUS 73711 TO BUS 73710 CKT 2
OPEN LINE FROM BUS 73224 TO BUS 73158 CKT 1
END

CONTINGENCY 1261-1620DCT
OPEN LINE FROM BUS 73231 TO BUS 73230 CKT 1
OPEN LINE FROM BUS 73231 TO BUS 73230 CKT 2
END

CONTINGENCY 1272-1721DCT
OPEN LINE FROM BUS 73185 TO BUS 73183 CKT 1
OPEN LINE FROM BUS 73202 TO BUS 73183 CKT 1
OPEN LINE FROM BUS 73202 TO BUS 73189 CKT 1
END

CONTINGENCY 1280-1870DCT
OPEN LINE FROM BUS 73216 TO BUS 73177 CKT 1
OPEN LINE FROM BUS 73216 TO BUS 73210 CKT 1
OPEN LINE FROM BUS 73177 TO BUS 73285 CKT 1
OPEN LINE FROM BUS 73216 TO BUS 73217 CKT 1
OPEN LINE FROM BUS 73285 TO BUS 72581 CKT 1
END

CONTINGENCY 1310-1763DCT
OPEN LINE FROM BUS 73242 TO BUS 73284 CKT 1
OPEN LINE FROM BUS 73284 TO BUS 73219 CKT 1
OPEN LINE FROM BUS 73284 TO BUS 73131 CKT 1
OPEN LINE FROM BUS 73131 TO BUS 73458 CKT 1
OPEN LINE FROM BUS 73283 TO BUS 73221 CKT 1
OPEN LINE FROM BUS 73242 TO BUS 73283 CKT 1
OPEN LINE FROM BUS 73283 TO BUS 73219 CKT 1
OPEN LINE FROM BUS 73221 TO BUS 73458 CKT 1
END

CONTINGENCY 1355-1610DCT
OPEN LINE FROM BUS 73184 TO BUS 73634 CKT 1
OPEN LINE FROM BUS 73184 TO BUS 73182 CKT 1
OPEN LINE FROM BUS 73184 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73707 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73675 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73198 CKT 1
END

CONTINGENCY 1389-1880DCT
OPEN LINE FROM BUS 73172 TO BUS 73207 CKT 1
OPEN LINE FROM BUS 73172 TO BUS 73169 CKT 1
OPEN LINE FROM BUS 73168 TO BUS 73169 CKT 1
OPEN LINE FROM BUS 73171 TO BUS 73169 CKT 1

END

CONTINGENCY 1394-1515DCT

OPEN LINE FROM BUS 72978 TO BUS 73266 CKT 1
OPEN LINE FROM BUS 73266 TO BUS 72972 CKT 1
END

CONTINGENCY 1416-1867DCT

OPEN LINE FROM BUS 73271 TO BUS 73207 CKT 1
OPEN LINE FROM BUS 73271 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73271 TO BUS 73171 CKT 1
OPEN LINE FROM BUS 73286 TO BUS 73700 CKT 1
OPEN LINE FROM BUS 73267 TO BUS 73300 CKT 1
OPEN LINE FROM BUS 73300 TO BUS 73286 CKT 1
END

CONTINGENCY 1416-1880DCT

OPEN LINE FROM BUS 73169 TO BUS 73172 CKT 1
OPEN LINE FROM BUS 73169 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73169 TO BUS 73171 CKT 1
OPEN LINE FROM BUS 73286 TO BUS 73700 CKT 1
OPEN LINE FROM BUS 73267 TO BUS 73300 CKT 1
OPEN LINE FROM BUS 73300 TO BUS 73286 CKT 1
END

CONTINGENCY 1416-1890DCT

OPEN LINE FROM BUS 73237 TO BUS 73173 CKT 1
OPEN LINE FROM BUS 73237 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73237 TO BUS 73171 CKT 1
OPEN LINE FROM BUS 73286 TO BUS 73700 CKT 1
OPEN LINE FROM BUS 73267 TO BUS 73300 CKT 1
OPEN LINE FROM BUS 73300 TO BUS 73286 CKT 1
END

CONTINGENCY 1440-1450DCT

OPEN LINE FROM BUS 73168 TO BUS 73162 CKT 1
OPEN LINE FROM BUS 73168 TO BUS 73167 CKT 1
END

CONTINGENCY 1470-1565DCT

OPEN LINE FROM BUS 73172 TO BUS 73174 CKT 1
OPEN LINE FROM BUS 73174 TO BUS 73143 CKT 1
OPEN LINE FROM BUS 73372 TO BUS 73143 CKT 1
OPEN LINE FROM BUS 73174 TO BUS 73155 CKT 1
OPEN LINE FROM BUS 73155 TO BUS 73170 CKT 1
OPEN LINE FROM BUS 73155 TO BUS 73146 CKT 1
OPEN LINE FROM BUS 73372 TO BUS 73146 CKT 1
END

CONTINGENCY 1470-1637DCT

OPEN LINE FROM BUS 73172 TO BUS 73174 CKT 1
OPEN LINE FROM BUS 73174 TO BUS 73143 CKT 1
OPEN LINE FROM BUS 73372 TO BUS 73143 CKT 1
OPEN LINE FROM BUS 73292 TO BUS 73158 CKT 1
OPEN LINE FROM BUS 73292 TO BUS 73172 CKT 2
END

CONTINGENCY 1470-1720DCT

OPEN LINE FROM BUS 73172 TO BUS 73174 CKT 1
OPEN LINE FROM BUS 73174 TO BUS 73143 CKT 1
OPEN LINE FROM BUS 73372 TO BUS 73143 CKT 1
OPEN LINE FROM BUS 73710 TO BUS 73172 CKT 1
END

CONTINGENCY 1505-1607DCT

OPEN LINE FROM BUS 73213 TO BUS 73223 CKT 1
OPEN LINE FROM BUS 73223 TO BUS 73236 CKT 1
OPEN LINE FROM BUS 73236 TO BUS 73443 CKT 1
OPEN LINE FROM BUS 73223 TO BUS 73270 CKT 1
OPEN LINE FROM BUS 73476 TO BUS 73270 CKT 1
OPEN LINE FROM BUS 73270 TO BUS 73444 CKT 1

OPEN LINE FROM BUS 73475 TO BUS 73476 CKT 1
OPEN LINE FROM BUS 73213 TO BUS 73226 CKT 1
OPEN LINE FROM BUS 73226 TO BUS 73229 CKT 1
OPEN LINE FROM BUS 73226 TO BUS 73281 CKT 1
OPEN LINE FROM BUS 73212 TO BUS 73281 CKT 1
OPEN LINE FROM BUS 73229 TO BUS 73443 CKT 1
OPEN LINE FROM BUS 73212 TO BUS 73442 CKT 1
END

CONTINGENCY 1545-1570DCT
OPEN LINE FROM BUS 73126 TO BUS 73192 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73188 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73705 CKT 1
OPEN LINE FROM BUS 73126 TO BUS 73704 CKT 1
END

CONTINGENCY 1560-1570DCT
OPEN LINE FROM BUS 73704 TO BUS 73191 CKT 1
OPEN LINE FROM BUS 73187 TO BUS 73191 CKT 1
OPEN LINE FROM BUS 73706 TO BUS 73191 CKT 1
OPEN LINE FROM BUS 73126 TO BUS 73192 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73188 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73705 CKT 1
END

CONTINGENCY 1570-1575DCT
OPEN LINE FROM BUS 73126 TO BUS 73192 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73188 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73705 CKT 1
DISCONNECT BUS 73228
END

CONTINGENCY 1570-1580DCT
OPEN LINE FROM BUS 73126 TO BUS 73192 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73188 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73705 CKT 1
OPEN LINE FROM BUS 73126 TO BUS 73199 CKT 1
END

CONTINGENCY 1575-1585DCT
DISCONNECT BUS 73228
OPEN LINE FROM BUS 73185 TO BUS 73199 CKT 1
OPEN LINE FROM BUS 73160 TO BUS 73382 CKT 1
END

CONTINGENCY 1575-1990DCT
DISCONNECT BUS 73164
OPEN LINE FROM BUS 73186 TO BUS 73386 CKT 1
DISCONNECT BUS 73228
OPEN LINE FROM BUS 73160 TO BUS 73382 CKT 1
END

CONTINGENCY 1580-1585DCT
DISCONNECT BUS 73199
END

CONTINGENCY 1580-1730BDC
OPEN LINE FROM BUS 73126 TO BUS 73199 CKT 1
OPEN LINE FROM BUS 73126 TO BUS 73224 CKT 1
END

CONTINGENCY 1620-1975DCT
OPEN LINE FROM BUS 73241 TO BUS 73230 CKT 1
OPEN LINE FROM BUS 73227 TO BUS 73230 CKT 1
END

CONTINGENCY 1975-348DCT /* added
OPEN LINE FROM BUS 73230 TO BUS 73227 CKT 1
DISCONNECT BUS 73121
END

CONTINGENCY 1622-1887DCT
OPEN LINE FROM BUS 73165 TO BUS 73178 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73179 CKT 1
OPEN LINE FROM BUS 73178 TO BUS 73159 CKT 1
OPEN LINE FROM BUS 73178 TO BUS 73341 CKT 1
END

CONTINGENCY 1637-1720DCT
OPEN LINE FROM BUS 73292 TO BUS 73158 CKT 1
OPEN LINE FROM BUS 73292 TO BUS 73172 CKT 2
OPEN LINE FROM BUS 73710 TO BUS 73172 CKT 1
END

CONTINGENCY 1668-1721DCT
OPEN LINE FROM BUS 73185 TO BUS 73189 CKT 1
OPEN LINE FROM BUS 73202 TO BUS 73189 CKT 1
END

CONTINGENCY 1670-1771DCT
OPEN LINE FROM BUS 73206 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73206 TO BUS 73243 CKT 1
OPEN LINE FROM BUS 73206 TO BUS 73273 CKT 1
OPEN LINE FROM BUS 73198 TO BUS 73243 CKT 1
END

CONTINGENCY 1670-1830DCT
OPEN LINE FROM BUS 73206 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73206 TO BUS 73243 CKT 1
OPEN LINE FROM BUS 73206 TO BUS 73273 CKT 1
OPEN LINE FROM BUS 73272 TO BUS 73198 CKT 1
END

CONTINGENCY 1710-1730ADC
DISCONNECT BUS 73225
OPEN LINE FROM BUS 73224 TO BUS 73158 CKT 1
END

CONTINGENCY 1710-1730BDC
DISCONNECT BUS 73225
OPEN LINE FROM BUS 73126 TO BUS 73224 CKT 1
END

CONTINGENCY 1710-1730CDC
DISCONNECT BUS 73225
OPEN LINE FROM BUS 73224 TO BUS 73700 CKT 1
END

CONTINGENCY 1720-1730ADC
OPEN LINE FROM BUS 73710 TO BUS 73172 CKT 1
OPEN LINE FROM BUS 73224 TO BUS 73158 CKT 1
END

CONTINGENCY 1732-1788DCT
OPEN LINE FROM BUS 73263 TO BUS 73262 CKT 1
OPEN LINE FROM BUS 73263 TO BUS 73260 CKT 1
OPEN LINE FROM BUS 73263 TO BUS 73203 CKT 1
OPEN LINE FROM BUS 73245 TO BUS 73260 CKT 1
END

CONTINGENCY 1751-1777DCT
OPEN LINE FROM BUS 73251 TO BUS 73244 CKT 1
OPEN LINE FROM BUS 73251 TO BUS 73261 CKT 1
OPEN LINE FROM BUS 73251 TO BUS 73242 CKT 1
OPEN LINE FROM BUS 73244 TO BUS 73258 CKT 1
END

CONTINGENCY 1770-1887DCT
OPEN LINE FROM BUS 73165 TO BUS 73178 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73179 CKT 1
OPEN LINE FROM BUS 73170 TO BUS 73165 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73159 CKT 1

END

CONTINGENCY 1777-1779DCT

OPEN LINE FROM BUS 73244 TO BUS 73258 CKT 1
OPEN LINE FROM BUS 73258 TO BUS 73246 CKT 1
END

CONTINGENCY 1800-1810DCT

OPEN LINE FROM BUS 73208 TO BUS 73154 CKT 1
OPEN LINE FROM BUS 73208 TO BUS 73148 CKT 1
OPEN LINE FROM BUS 73208 TO BUS 73232 CKT 1
OPEN LINE FROM BUS 73234 TO BUS 73233 CKT 1
OPEN LINE FROM BUS 73234 TO BUS 73235 CKT 1
OPEN LINE FROM BUS 73234 TO BUS 73154 CKT 1
END

CONTINGENCY 1800-1825DCT

OPEN LINE FROM BUS 73208 TO BUS 73154 CKT 1
OPEN LINE FROM BUS 73208 TO BUS 73148 CKT 1
OPEN LINE FROM BUS 73208 TO BUS 73232 CKT 1
OPEN LINE FROM BUS 73232 TO BUS 73233 CKT 1
END

CONTINGENCY 1810-1825DCT

OPEN LINE FROM BUS 73154 TO BUS 73234 CKT 1
OPEN LINE FROM BUS 73234 TO BUS 73233 CKT 1
OPEN LINE FROM BUS 73234 TO BUS 73235 CKT 1
OPEN LINE FROM BUS 73232 TO BUS 73233 CKT 1
END

CONTINGENCY 1867-1880DCT

DISCONNECT BUS 73271
DISCONNECT BUS 73169
DISCONNECT BUS 73552
END

CONTINGENCY 1867-1890DCT

DISCONNECT BUS 73237
DISCONNECT BUS 73271
DISCONNECT BUS 73551
END

CONTINGENCY 1867-1977DCT

OPEN LINE FROM BUS 73294 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73167 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73267 CKT 1
OPEN LINE FROM BUS 73271 TO BUS 73207 CKT 1
OPEN LINE FROM BUS 73271 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73271 TO BUS 73171 CKT 1
END

CONTINGENCY 1880-1890DCT

DISCONNECT BUS 73169
DISCONNECT BUS 73237
OPEN LINE FROM BUS 75051 TO BUS 75053 CKT 1
OPEN LINE FROM BUS 75053 TO BUS 73166 CKT 1
OPEN LINE FROM BUS 73166 TO BUS 73171 CKT 1
END

CONTINGENCY 1880-1977DCT

OPEN LINE FROM BUS 73294 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73167 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73267 CKT 1
OPEN LINE FROM BUS 73169 TO BUS 73172 CKT 1
OPEN LINE FROM BUS 73169 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73169 TO BUS 73171 CKT 1
END

CONTINGENCY 1890-1977DCT

OPEN LINE FROM BUS 73294 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73167 CKT 1

OPEN LINE FROM BUS 73294 TO BUS 73267 CKT 1
OPEN LINE FROM BUS 73237 TO BUS 73173 CKT 1
OPEN LINE FROM BUS 73237 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73237 TO BUS 73171 CKT 1
END

CONTINGENCY 8100-8200DCT
OPEN LINE FROM BUS 73669 TO BUS 73679 CKT 1
OPEN LINE FROM BUS 73679 TO BUS 73668 CKT 1
OPEN LINE FROM BUS 73668 TO BUS 73669 CKT 2
END

/CONTINGENCY 1460-387DCT ** removed
/OPEN LINE FROM BUS 73107 TO BUS 73663 CKT 1
/OPEN LINE FROM BUS 73663 TO BUS 73668 CKT 1
/OPEN LINE FROM BUS 73663 TO BUS 73668 CKT 2
/OPEN LINE FROM BUS 73287 TO BUS 73668 CKT 1
/OPEN LINE FROM BUS 73663 TO BUS 73664 CKT 1
/END

/* removed for ESB series
/CONTINGENCY 1460-387DCT /* revised for Phase 2
/OPEN LINE FROM BUS 73107 TO BUS 73663 CKT 1
/OPEN LINE FROM BUS 73287 TO BUS 73668 CKT 1
/DISCONNECT BUS 73664
/DISCONNECT BUS 73665
/DISCONNECT BUS 75073
/END

CONTINGENCY 1460-387S-DCT /* added for ESB series
OPEN LINE FROM BUS 73295 TO BUS 73663 CKT 1
OPEN LINE FROM BUS 73287 TO BUS 73668 CKT 1
DISCONNECT BUS 73664
DISCONNECT BUS 73665
DISCONNECT BUS 75073
END

CONTINGENCY 1565-PLNRDCT
DISCONNECT BUS 73155
OPEN LINE FROM BUS 73372 TO BUS 73146 CKT 1
DISCONNECT BUS 73132
DISCONNECT BUS 73133
DISCONNECT BUS 73134
DISCONNECT BUS 73135
END

CONTINGENCY 1618-321DCT
OPEN LINE FROM BUS 73190 TO BUS 73179 CKT 1
OPEN LINE FROM BUS 73105 TO BUS 73115 CKT 1
END

CONTINGENCY 1751-395DCT
OPEN LINE FROM BUS 73103 TO BUS 73112 CKT 1
OPEN LINE FROM BUS 73103 TO BUS 72925 CKT 1
OPEN LINE FROM BUS 73103 TO BUS 73111 CKT 1
OPEN LINE FROM BUS 73111 TO BUS 73244 CKT 1
OPEN LINE FROM BUS 73251 TO BUS 73244 CKT 1
OPEN LINE FROM BUS 73251 TO BUS 73261 CKT 1
OPEN LINE FROM BUS 73251 TO BUS 73242 CKT 1
OPEN LINE FROM BUS 72925 TO BUS 72972 CKT 1
END

CONTINGENCY 1770-321DCT
OPEN LINE FROM BUS 73170 TO BUS 73165 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73159 CKT 1
OPEN LINE FROM BUS 73105 TO BUS 73115 CKT 1
END

CONTINGENCY 1779-395DCT
OPEN LINE FROM BUS 73103 TO BUS 73112 CKT 1
OPEN LINE FROM BUS 73103 TO BUS 72925 CKT 1

OPEN LINE FROM BUS 73103 TO BUS 73111 CKT 1
OPEN LINE FROM BUS 73111 TO BUS 73244 CKT 1
OPEN LINE FROM BUS 73258 TO BUS 73246 CKT 1
END

CONTINGENCY 1887-321DCT
OPEN LINE FROM BUS 73105 TO BUS 73115 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73178 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73179 CKT 1
END

/CONTINGENCY 310-348DCT *revised
/OPEN LINE FROM BUS 73110 TO BUS 73112 CKT 1
/OPEN LINE FROM BUS 73110 TO BUS 73106 CKT 1
/OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 4
/END

/CONTINGENCY 310-348DCT / revised by Manos
/OPEN LINE FROM BUS 73110 TO BUS 73112 CKT 1
/disconnect bus 73121
/OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 4
/END

CONTINGENCY 310-348DCT / added by Manos -- this one is called 310-348WDCT in old
configuration
OPEN LINE FROM BUS 73110 TO BUS 73112 CKT 1
disconnect bus 73121
END

CONTINGENCY 310-368DCT
OPEN LINE FROM BUS 73110 TO BUS 73112 CKT 1
OPEN LINE FROM BUS 73108 TO BUS 73112 CKT 1
END

CONTINGENCY 310-383DCT
OPEN LINE FROM BUS 73110 TO BUS 73108 CKT 1
OPEN LINE FROM BUS 73110 TO BUS 73112 CKT 1
END

CONTINGENCY 329-352DCT
OPEN LINE FROM BUS 73105 TO BUS 73104 CKT 1
OPEN LINE FROM BUS 73104 TO BUS 73106 CKT 1
OPEN LINE FROM BUS 73104 TO BUS 73202 CKT 1
END

/CONTINGENCY 362-376DCT /contingency removed by Manos
/OPEN LINE FROM BUS 73113 TO BUS 73122 CKT 1
/OPEN LINE FROM BUS 73113 TO BUS 73107 CKT 1
/END

CONTINGENCY 371-383DCT
OPEN LINE FROM BUS 73110 TO BUS 73108 CKT 1
OPEN LINE FROM BUS 73110 TO BUS 73109 CKT 1
END

CONTINGENCY MANCHAUTO1
OPEN LINE FROM BUS 73112 TO BUS 73242 CKT 1
END

CONTINGENCY PLUMAUT
OPEN LINE FROM BUS 73115 TO BUS 73170 CKT 1
END

CONTINGENCY SOUTH1XAUTO
OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 1
END

CONTINGENCY SOUTH2XAUTO
OPEN LINE FROM BUS 73106 TO BUS 73154 CKT 2
END

/CONTINGENCY LOBPTENGF *removed for Phase 2
/OPEN LINE FROM BUS 73716 TO BUS 73700 CKT 1
/END

CONTINGENCY LOSSBPT3
OPEN LINE FROM BUS 73648 TO BUS 73700 CKT 1
END

CONTINGENCY LOSSDEV7
OPEN LINE FROM BUS 73553 TO BUS 73195 CKT 1
END

CONTINGENCY LOLAKERD
OPEN LINE FROM BUS 73119 TO BUS 73565 CKT 1
END

CONTINGENCY LOSSMID4
OPEN LINE FROM BUS 73557 TO BUS 73116 CKT 1
END

CONTINGENCY LOSSMP2
OPEN LINE FROM BUS 73562 TO BUS 73110 CKT 1
END

CONTINGENCY LOSSMP3
OPEN LINE FROM BUS 73563 TO BUS 73110 CKT 1
END

CONTINGENCY LOSSMON6
OPEN LINE FROM BUS 73559 TO BUS 73210 CKT 1
END

CONTINGENCY LOSSNHAV
OPEN LINE FROM BUS 73651 TO BUS 73668 CKT 1
END

CONTINGENCY LOSSNOR1
OPEN LINE FROM BUS 73551 TO BUS 73171 CKT 1
END

CONTINGENCY LOSSNOR2
OPEN LINE FROM BUS 73552 TO BUS 73171 CKT 1
END

CONTINGENCY ALLINGS1TSTK
OPEN LINE FROM BUS 73681 TO BUS 73669 CKT 1
OPEN LINE FROM BUS 73682 TO BUS 73681 CKT 1
OPEN LINE FROM BUS 73682 TO BUS 73742 CKT 1
OPEN LINE FROM BUS 73684 TO BUS 73682 CKT 1
OPEN LINE FROM BUS 73686 TO BUS 73684 CKT 1
OPEN LINE FROM BUS 73684 TO BUS 73744 CKT 1
END

CONTINGENCY ALLINGS2TSTK
OPEN LINE FROM BUS 73669 TO BUS 73681 CKT 2
OPEN LINE FROM BUS 73681 TO BUS 73683 CKT 1
OPEN LINE FROM BUS 73683 TO BUS 73685 CKT 1
OPEN LINE FROM BUS 73683 TO BUS 73742 CKT 1
OPEN LINE FROM BUS 73687 TO BUS 73685 CKT 1
OPEN LINE FROM BUS 73685 TO BUS 73744 CKT 1
END

CONTINGENCY ASHCREEKBKR
DISCONNECT BUS 73703
DISCONNECT BUS 73714
END

CONTINGENCY BAIRDASTK
OPEN LINE FROM BUS 73700 TO BUS 73696 CKT 1
OPEN LINE FROM BUS 73696 TO BUS 73712 CKT 1
OPEN LINE FROM BUS 73712 TO BUS 73694 CKT 1

OPEN LINE FROM BUS 73690 TO BUS 73692 CKT 1
OPEN LINE FROM BUS 73692 TO BUS 73694 CKT 1
OPEN LINE FROM BUS 73712 TO BUS 73755 CKT 1
END

CONTINGENCY BAIRDBSTK
OPEN LINE FROM BUS 73691 TO BUS 73693 CKT 1
OPEN LINE FROM BUS 73693 TO BUS 73695 CKT 1
OPEN LINE FROM BUS 73195 TO BUS 73691 CKT 1
OPEN LINE FROM BUS 73700 TO BUS 73697 CKT 1
OPEN LINE FROM BUS 73697 TO BUS 73713 CKT 1
OPEN LINE FROM BUS 73713 TO BUS 73695 CKT 1
OPEN LINE FROM BUS 73713 TO BUS 73755 CKT 1
END

CONTINGENCY BATESROCK1T
OPEN LINE FROM BUS 73178 TO BUS 73159 CKT 1
OPEN LINE FROM BUS 73178 TO BUS 73341 CKT 1
OPEN LINE FROM BUS 73170 TO BUS 73165 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73159 CKT 1
END

CONTINGENCY BECONFLSTK
DISCONNECT BUS 73188
END

CONTINGENCY BOKUM1T
OPEN LINE FROM BUS 73230 TO BUS 73231 CKT 1
OPEN LINE FROM BUS 73231 TO BUS 73230 CKT 2
END

CONTINGENCY BOKUM2T
OPEN LINE FROM BUS 73231 TO BUS 73230 CKT 2
OPEN LINE FROM BUS 73231 TO BUS 73265 CKT 1
END

CONTINGENCY BOKUM3T
OPEN LINE FROM BUS 73231 TO BUS 73265 CKT 1
OPEN LINE FROM BUS 73230 TO BUS 73231 CKT 1
END

CONTINGENCY BRANFORD1T
OPEN LINE FROM BUS 73153 TO BUS 73265 CKT 1
OPEN LINE FROM BUS 73153 TO BUS 73671 CKT 1
END

CONTINGENCY BRANFORD2T
OPEN LINE FROM BUS 73153 TO BUS 73671 CKT 1
OPEN LINE FROM BUS 73287 TO BUS 73153 CKT 1
END

CONTINGENCY BRANFORD4T
OPEN LINE FROM BUS 73287 TO BUS 73153 CKT 1
OPEN LINE FROM BUS 73153 TO BUS 73265 CKT 1
END

CONTINGENCY BRANFRDRR1T
OPEN LINE FROM BUS 73287 TO BUS 73153 CKT 1
OPEN LINE FROM BUS 73287 TO BUS 73668 CKT 1
END

CONTINGENCY BROADWYST1
OPEN LINE FROM BUS 73678 TO BUS 73676 CKT 1
OPEN LINE FROM BUS 73678 TO BUS 73680 CKT 1
END

CONTINGENCY BUNKERH1T
DISCONNECT BUS 73228
OPEN LINE FROM BUS 73160 TO BUS 73382 CKT 1
OPEN LINE FROM BUS 73185 TO BUS 73189 CKT 1
END

CONTINGENCY BUNKERH2T
OPEN LINE FROM BUS 73185 TO BUS 73189 CKT 1
OPEN LINE FROM BUS 73185 TO BUS 73183 CKT 1
OPEN LINE FROM BUS 73202 TO BUS 73183 CKT 1
END

CONTINGENCY BUNKERH3T
OPEN LINE FROM BUS 73185 TO BUS 73199 CKT 1
OPEN LINE FROM BUS 73185 TO BUS 73183 CKT 1
OPEN LINE FROM BUS 73202 TO BUS 73183 CKT 1
END

CONTINGENCY COLONY1T
OPEN LINE FROM BUS 73184 TO BUS 73634 CKT 1
OPEN LINE FROM BUS 73184 TO BUS 73182 CKT 1
OPEN LINE FROM BUS 73184 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73633 TO BUS 73634 CKT 1
END

CONTINGENCY DARIEN1T
OPEN LINE FROM BUS 73294 TO BUS 73267 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73167 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73300 TO BUS 73267 CKT 1
OPEN LINE FROM BUS 73300 TO BUS 73286 CKT 1
OPEN LINE FROM BUS 73286 TO BUS 73700 CKT 1
END

CONTINGENCY DEVON1TSTK
OPEN LINE FROM BUS 73126 TO BUS 73199 CKT 1
DISCONNECT BUS 73225
END

CONTINGENCY DEVON2TSTK
DISCONNECT BUS 73225
OPEN LINE FROM BUS 73126 TO BUS 73129 CKT 1
END

CONTINGENCY DEVON3TSTK
DISCONNECT BUS 73125
OPEN LINE FROM BUS 73126 TO BUS 73570 CKT 1
END

CONTINGENCY DEVON4TSTK
OPEN LINE FROM BUS 73126 TO BUS 73572 CKT 1
END

/ the next contingency is a duplicate but is ignored by MUST, so it's left there

CONTINGENCY DEVON5TSTK
OPEN LINE FROM BUS 73126 TO BUS 73704 CKT 1
END

CONTINGENCY DEVON6TSTK
OPEN LINE FROM BUS 73126 TO BUS 73704 CKT 1
OPEN LINE FROM BUS 73126 TO BUS 73192 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73188 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73705 CKT 1
END

CONTINGENCY DEVON7TSTK
OPEN LINE FROM BUS 73126 TO BUS 73192 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73188 CKT 1
OPEN LINE FROM BUS 73192 TO BUS 73705 CKT 1
OPEN LINE FROM BUS 73126 TO BUS 73573 CKT 1
END

CONTINGENCY DEVON8TSTK
OPEN LINE FROM BUS 73126 TO BUS 73573 CKT 1
OPEN LINE FROM BUS 73126 TO BUS 73224 CKT 1

END

CONTINGENCY DEVON10TSTK
OPEN LINE FROM BUS 73126 TO BUS 73224 CKT 1
OPEN LINE FROM BUS 73126 TO BUS 73571 CKT 1
END

CONTINGENCY DEVON11TSTK
OPEN LINE FROM BUS 73126 TO BUS 73571 CKT 1
OPEN LINE FROM BUS 73126 TO BUS 73199 CKT 1
END

CONTINGENCY DEVON12TSTK
OPEN LINE FROM BUS 73126 TO BUS 73570 CKT 1
OPEN LINE FROM BUS 73126 TO BUS 73572 CKT 1
END

/ the next contingency is a duplicate but is ignored by MUST, so it's left there

CONTINGENCY DEVON22TSTK
OPEN LINE FROM BUS 73195 TO BUS 73553 CKT 1
END

CONTINGENCY DEVON23TSTK
OPEN LINE FROM BUS 73195 TO BUS 73691 CKT 1
OPEN LINE FROM BUS 73195 TO BUS 73553 CKT 1
END

CONTINGENCY DEVON24TSTK
OPEN LINE FROM BUS 73195 TO BUS 73690 CKT 1
OPEN LINE FROM BUS 73195 TO BUS 73691 CKT 1
END

CONTINGENCY DEVON25TSTK
OPEN LINE FROM BUS 73195 TO BUS 73554 CKT 1
OPEN LINE FROM BUS 73195 TO BUS 73690 CKT 1
END

CONTINGENCY DEVON26TSTK
OPEN LINE FROM BUS 73195 TO BUS 73554 CKT 1
OPEN LINE FROM BUS 73195 TO BUS 73707 CKT 1
END

CONTINGENCY DEVON27TSTK
OPEN LINE FROM BUS 73195 TO BUS 73707 CKT 1
OPEN LINE FROM BUS 73195 TO BUS 73631 CKT 1
END

CONTINGENCY DEVSWST1TSTK
OPEN LINE FROM BUS 73690 TO BUS 73692 CKT 1
OPEN LINE FROM BUS 73692 TO BUS 73694 CKT 1
OPEN LINE FROM BUS 73195 TO BUS 73690 CKT 1
OPEN LINE FROM BUS 73690 TO BUS 73688 CKT 1
OPEN LINE FROM BUS 73688 TO BUS 73686 CKT 1
OPEN LINE FROM BUS 73688 TO BUS 73748 CKT 1
END

CONTINGENCY DEVSWST2TSTK
OPEN LINE FROM BUS 73691 TO BUS 73693 CKT 1
OPEN LINE FROM BUS 73693 TO BUS 73695 CKT 1
OPEN LINE FROM BUS 73195 TO BUS 73691 CKT 1
END

CONTINGENCY DEVSWST3TSTK
OPEN LINE FROM BUS 73691 TO BUS 73689 CKT 1
OPEN LINE FROM BUS 73689 TO BUS 73687 CKT 1
OPEN LINE FROM BUS 73691 TO BUS 73693 CKT 1
OPEN LINE FROM BUS 73693 TO BUS 73695 CKT 1
OPEN LINE FROM BUS 73195 TO BUS 73691 CKT 1
OPEN LINE FROM BUS 73689 TO BUS 73748 CKT 1
END

CONTINGENCY DEVSWST4TSTK

OPEN LINE FROM BUS 73195 TO BUS 73690 CKT 1
OPEN LINE FROM BUS 73690 TO BUS 73688 CKT 1
OPEN LINE FROM BUS 73688 TO BUS 73686 CKT 1
OPEN LINE FROM BUS 73688 TO BUS 73748 CKT 1
END

CONTINGENCY EMERIDEN1T

OPEN LINE FROM BUS 73227 TO BUS 73633 CKT 1
OPEN LINE FROM BUS 73230 TO BUS 73227 CKT 1
END

CONTINGENCY ESHORE12TSTK

OPEN LINE FROM BUS 73669 TO BUS 73679 CKT 1
OPEN LINE FROM BUS 73679 TO BUS 73668 CKT 1
OPEN LINE FROM BUS 73668 TO BUS 73651 CKT 1
END

CONTINGENCY FLAXHILL2T

OPEN LINE FROM BUS 73207 TO BUS 73172 CKT 1
OPEN LINE FROM BUS 73171 TO BUS 73271 CKT 1
OPEN LINE FROM BUS 73168 TO BUS 73271 CKT 1
OPEN LINE FROM BUS 73207 TO BUS 73271 CKT 1
END

CONTINGENCY FROSTBR15T

OPEN LINE FROM BUS 73202 TO BUS 73203 CKT 1
DISCONNECT BUS 73127
OPEN LINE FROM BUS 73204 TO BUS 73205 CKT 1
OPEN LINE FROM BUS 73205 TO BUS 73202 CKT 1
OPEN LINE FROM BUS 73205 TO BUS 73201 CKT 1
END

CONTINGENCY FROSTBR21T

OPEN LINE FROM BUS 73202 TO BUS 73180 CKT 1
OPEN LINE FROM BUS 73180 TO BUS 73190 CKT 1
DISCONNECT BUS 73128
OPEN LINE FROM BUS 73211 TO BUS 73200 CKT 1
OPEN LINE FROM BUS 73200 TO BUS 73181 CKT 1
OPEN LINE FROM BUS 73200 TO BUS 73202 CKT 1
END

CONTINGENCY FROSTBR27T

OPEN LINE FROM BUS 73202 TO BUS 73189 CKT 1
DISCONNECT BUS 73164
OPEN LINE FROM BUS 73186 TO BUS 73386 CKT 1
END

CONTINGENCY GLENBROOK3T

OPEN LINE FROM BUS 73168 TO BUS 73162 CKT 1
OPEN LINE FROM BUS 73172 TO BUS 73169 CKT 1
OPEN LINE FROM BUS 73168 TO BUS 73169 CKT 1
OPEN LINE FROM BUS 73171 TO BUS 73169 CKT 1
END

CONTINGENCY GLENBROOK8T

OPEN LINE FROM BUS 73168 TO BUS 73167 CKT 1
OPEN LINE FROM BUS 73171 TO BUS 73237 CKT 1
OPEN LINE FROM BUS 73237 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73237 TO BUS 73173 CKT 1
END

CONTINGENCY GRNDAV1TSTK

OPEN LINE FROM BUS 73669 TO BUS 73679 CKT 1
OPEN LINE FROM BUS 73679 TO BUS 73668 CKT 1
OPEN LINE FROM BUS 73680 TO BUS 73669 CKT 1
END

CONTINGENCY GRNDAV2TSTK

OPEN LINE FROM BUS 73680 TO BUS 73669 CKT 1

OPEN LINE FROM BUS 73669 TO BUS 73676 CKT 1
END

CONTINGENCY GRNDAV3TSTK
OPEN LINE FROM BUS 73669 TO BUS 73676 CKT 1
OPEN LINE FROM BUS 73668 TO BUS 73669 CKT 2
END

CONTINGENCY GRNDAV4TSTK
OPEN LINE FROM BUS 73668 TO BUS 73669 CKT 2
OPEN LINE FROM BUS 73669 TO BUS 73681 CKT 2
OPEN LINE FROM BUS 73681 TO BUS 73683 CKT 1
OPEN LINE FROM BUS 73683 TO BUS 73685 CKT 1
END

CONTINGENCY GRNDAV5TSTK
OPEN LINE FROM BUS 73669 TO BUS 73681 CKT 2
OPEN LINE FROM BUS 73681 TO BUS 73683 CKT 1
OPEN LINE FROM BUS 73683 TO BUS 73685 CKT 1
OPEN LINE FROM BUS 73669 TO BUS 73672 CKT 1
END

CONTINGENCY GRNDAV6TSTK
OPEN LINE FROM BUS 73669 TO BUS 73672 CKT 1
OPEN LINE FROM BUS 73681 TO BUS 73669 CKT 1
OPEN LINE FROM BUS 73682 TO BUS 73681 CKT 1
OPEN LINE FROM BUS 73684 TO BUS 73682 CKT 1
END

CONTINGENCY GRNDAV7TSTK
OPEN LINE FROM BUS 73681 TO BUS 73669 CKT 1
OPEN LINE FROM BUS 73682 TO BUS 73681 CKT 1
OPEN LINE FROM BUS 73684 TO BUS 73682 CKT 1
OPEN LINE FROM BUS 73669 TO BUS 73679 CKT 1
OPEN LINE FROM BUS 73679 TO BUS 73668 CKT 1
END

CONTINGENCY GREENHLL2T
OPEN LINE FROM BUS 73231 TO BUS 73265 CKT 1
OPEN LINE FROM BUS 73153 TO BUS 73265 CKT 1
END

CONTINGENCY HADDAMAT
OPEN LINE FROM BUS 73230 TO BUS 73227 CKT 1
OPEN LINE FROM BUS 73230 TO BUS 73241 CKT 1
END

CONTINGENCY HADDAMBT
OPEN LINE FROM BUS 73230 TO BUS 73231 CKT 1
OPEN LINE FROM BUS 73230 TO BUS 73231 CKT 2
END

CONTINGENCY HAWTHORNST
OPEN LINE FROM BUS 73172 TO BUS 73710 CKT 1
OPEN LINE FROM BUS 73710 TO BUS 73711 CKT 2
OPEN LINE FROM BUS 73711 TO BUS 73709 CKT 1
END

CONTINGENCY JUNEST1
OPEN LINE FROM BUS 73196 TO BUS 73707 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73675 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73195 TO BUS 73707 CKT 1
END

CONTINGENCY MLLRVR1TSTK
OPEN LINE FROM BUS 73678 TO BUS 73676 CKT 1
OPEN LINE FROM BUS 73669 TO BUS 73676 CKT 1
OPEN LINE FROM BUS 73737 TO BUS 73676 CKT 1
OPEN LINE FROM BUS 73737 TO BUS 73676 CKT 2
END

CONTINGENCY MLLRVR2TSTK
OPEN LINE FROM BUS 73678 TO BUS 73676 CKT 1
OPEN LINE FROM BUS 73670 TO BUS 73676 CKT 1
OPEN LINE FROM BUS 73736 TO BUS 73676 CKT 1
OPEN LINE FROM BUS 73736 TO BUS 73676 CKT 2
END

CONTINGENCY MIXAVE1
OPEN LINE FROM BUS 73196 TO BUS 73707 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73675 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73672 TO BUS 73673 CKT 1
OPEN LINE FROM BUS 73673 TO BUS 73675 CKT 1
END

CONTINGENCY NOHAVN1TSTK
DISCONNECT BUS 73671
END

CONTINGENCY NOHAVN2TSTK
OPEN LINE FROM BUS 73153 TO BUS 73671 CKT 1
OPEN LINE FROM BUS 73631 TO BUS 73632 CKT 1
OPEN LINE FROM BUS 73632 TO BUS 73671 CKT 1
OPEN LINE FROM BUS 73671 TO BUS 73731 CKT 1
END

CONTINGENCY NWALLING1T
OPEN LINE FROM BUS 73633 TO BUS 73634 CKT 1
OPEN LINE FROM BUS 73227 TO BUS 73633 CKT 1
END

CONTINGENCY NORWALKST1
OPEN LINE FROM BUS 73172 TO BUS 73710 CKT 1
OPEN LINE FROM BUS 73172 TO BUS 73174 CKT 1
OPEN LINE FROM BUS 73143 TO BUS 73174 CKT 1
END

CONTINGENCY NORWALKST2
DISCONNECT BUS 73169
OPEN LINE FROM BUS 73172 TO BUS 73292 CKT 2
OPEN LINE FROM BUS 73292 TO BUS 73158 CKT 1
END

CONTINGENCY NORWLKHAR1T
DISCONNECT BUS 73237
DISCONNECT BUS 73551
END

CONTINGENCY NORWLKHAR2T
DISCONNECT BUS 73237
OPEN LINE FROM BUS 75051 TO BUS 75053 CKT 1
OPEN LINE FROM BUS 75053 TO BUS 73166 CKT 1
OPEN LINE FROM BUS 73166 TO BUS 73171 CKT 1
END

CONTINGENCY NORWLKHAR3T
DISCONNECT BUS 73169
OPEN LINE FROM BUS 75051 TO BUS 75053 CKT 1
OPEN LINE FROM BUS 75053 TO BUS 73166 CKT 1
OPEN LINE FROM BUS 73166 TO BUS 73171 CKT 1
END

CONTINGENCY NORWLKHAR4T
DISCONNECT BUS 73169
DISCONNECT BUS 73552
END

CONTINGENCY NORWLKHAR7T
DISCONNECT BUS 73271
DISCONNECT BUS 73551

END

CONTINGENCY OLDTOWNST

OPEN LINE FROM BUS 73710 TO BUS 73711 CKT 2
OPEN LINE FROM BUS 73711 TO BUS 73709 CKT 1
OPEN LINE FROM BUS 73709 TO BUS 73225 CKT 1
OPEN LINE FROM BUS 73225 TO BUS 73700 CKT 2
OPEN LINE FROM BUS 73225 TO BUS 73126 CKT 1
END

CONTINGENCY PEACEABLE1T

OPEN LINE FROM BUS 73172 TO BUS 73174 CKT 1
OPEN LINE FROM BUS 73174 TO BUS 73155 CKT 1
OPEN LINE FROM BUS 73155 TO BUS 73170 CKT 1
OPEN LINE FROM BUS 73155 TO BUS 73146 CKT 1
OPEN LINE FROM BUS 73174 TO BUS 73143 CKT 1
END

/CONTINGENCY PEQUON12TSTK

/OPEN LINE FROM BUS 73286 TO BUS 73700 CKT 1
/OPEN LINE FROM BUS 73267 TO BUS 73300 CKT 1
/OPEN LINE FROM BUS 73300 TO BUS 73286 CKT 1
/OPEN LINE FROM BUS 73700 TO BUS 73716 CKT 1
/END

CONTINGENCY PEQUON12TSTK

OPEN LINE FROM BUS 73286 TO BUS 73700 CKT 1
OPEN LINE FROM BUS 73267 TO BUS 73300 CKT 1
OPEN LINE FROM BUS 73300 TO BUS 73286 CKT 1
OPEN LINE FROM BUS 73700 TO BUS 73301 CKT 1
END

CONTINGENCY PEQUON22TSTK

OPEN LINE FROM BUS 73126 TO BUS 73225 CKT 1
OPEN LINE FROM BUS 73225 TO BUS 73700 CKT 2
OPEN LINE FROM BUS 73225 TO BUS 73709 CKT 1
OPEN LINE FROM BUS 73700 TO BUS 73696 CKT 1
OPEN LINE FROM BUS 73696 TO BUS 73712 CKT 1
OPEN LINE FROM BUS 73712 TO BUS 73694 CKT 1
END

CONTINGENCY PEQUON32TSTK

OPEN LINE FROM BUS 73224 TO BUS 73700 CKT 1
OPEN LINE FROM BUS 73700 TO BUS 73647 CKT 1
END

CONTINGENCY PEQUON42TSTK

OPEN LINE FROM BUS 73700 TO BUS 73697 CKT 1
OPEN LINE FROM BUS 73697 TO BUS 73713 CKT 1
OPEN LINE FROM BUS 73713 TO BUS 73695 CKT 1
OPEN LINE FROM BUS 73700 TO BUS 73648 CKT 1
END

CONTINGENCY PLUMTREE25T

OPEN LINE FROM BUS 73170 TO BUS 73268 CKT 1
OPEN LINE FROM BUS 73170 TO BUS 73165 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73159 CKT 1
END

CONTINGENCY PLUMTREE28T

OPEN LINE FROM BUS 73170 TO BUS 73176 CKT 1
OPEN LINE FROM BUS 73187 TO BUS 73282 CKT 1
OPEN LINE FROM BUS 73282 TO BUS 73194 CKT 1
OPEN LINE FROM BUS 73194 TO BUS 73170 CKT 1
END

CONTINGENCY PLUMTREE31T

OPEN LINE FROM BUS 73170 TO BUS 73176 CKT 2
DISCONNECT BUS 73155
END

CONTINGENCY QUINIPACST1
OPEN LINE FROM BUS 73670 TO BUS 73676 CKT 1
OPEN LINE FROM BUS 73670 TO BUS 73671 CKT 1
END

CONTINGENCY ROCKRIVER1T
OPEN LINE FROM BUS 73190 TO BUS 73179 CKT 1
OPEN LINE FROM BUS 73190 TO BUS 73147 CKT 1
END

CONTINGENCY SACKETST1
OPEN LINE FROM BUS 73669 TO BUS 73672 CKT 1
OPEN LINE FROM BUS 73672 TO BUS 73673 CKT 1
OPEN LINE FROM BUS 73673 TO BUS 73675 CKT 1
END

CONTINGENCY SASCOCR1T
DISCONNECT BUS 73714
OPEN LINE FROM BUS 73171 TO BUS 73237 CKT 1
OPEN LINE FROM BUS 73237 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73237 TO BUS 73173 CKT 1
END

CONTINGENCY SHEPAUG13A
OPEN LINE FROM BUS 73178 TO BUS 73159 CKT 1
OPEN LINE FROM BUS 73178 TO BUS 73341 CKT 1
OPEN LINE FROM BUS 73179 TO BUS 73165 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73178 CKT 1
END

CONTINGENCY SOUTHEND5T
OPEN LINE FROM BUS 73167 TO BUS 73144 CKT 1
OPEN LINE FROM BUS 73144 TO BUS 73163 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73167 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73267 CKT 1
END

CONTINGENCY SOUTHEND6T
OPEN LINE FROM BUS 73294 TO BUS 73168 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73167 CKT 1
OPEN LINE FROM BUS 73294 TO BUS 73267 CKT 1
OPEN LINE FROM BUS 73168 TO BUS 73167 CKT 1
END

CONTINGENCY SNAUGALT
DISCONNECT BUS 73199
END

CONTINGENCY SOTHNGTN12T
OPEN LINE FROM BUS 73196 TO BUS 73707 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73675 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73198 TO BUS 73631 CKT 1
END

CONTINGENCY SOTHNGTN13T
OPEN LINE FROM BUS 73184 TO BUS 73634 CKT 1
OPEN LINE FROM BUS 73184 TO BUS 73182 CKT 1
OPEN LINE FROM BUS 73184 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73707 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73675 CKT 1
OPEN LINE FROM BUS 73196 TO BUS 73198 CKT 1
END

CONTINGENCY SOTHNGTN14T
OPEN LINE FROM BUS 73198 TO BUS 73243 CKT 1
OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 4
END

CONTINGENCY SOTHNGTN15T

OPEN LINE FROM BUS 73206 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73206 TO BUS 73243 CKT 1
OPEN LINE FROM BUS 73206 TO BUS 73273 CKT 1
OPEN LINE FROM BUS 73198 TO BUS 73243 CKT 1
END

CONTINGENCY SOTHNGTN16T
OPEN LINE FROM BUS 73206 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73206 TO BUS 73243 CKT 1
OPEN LINE FROM BUS 73206 TO BUS 73273 CKT 1
OPEN LINE FROM BUS 73272 TO BUS 73198 CKT 1
END

CONTINGENCY SOTHNGTN20T
OPEN LINE FROM BUS 73184 TO BUS 73634 CKT 1
OPEN LINE FROM BUS 73184 TO BUS 73182 CKT 1
OPEN LINE FROM BUS 73184 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 4
END

CONTINGENCY SOTHNGTN22T
OPEN LINE FROM BUS 73175 TO BUS 73154 CKT 1
OPEN LINE FROM BUS 73106 TO BUS 73154 CKT 2
END

CONTINGENCY SOTHNGTN23T
OPEN LINE FROM BUS 73208 TO BUS 73154 CKT 1
OPEN LINE FROM BUS 73208 TO BUS 73148 CKT 1
OPEN LINE FROM BUS 73208 TO BUS 73232 CKT 1
OPEN LINE FROM BUS 73175 TO BUS 73154 CKT 1
END

CONTINGENCY SOTHNGTN24T
OPEN LINE FROM BUS 73208 TO BUS 73154 CKT 1
OPEN LINE FROM BUS 73208 TO BUS 73148 CKT 1
OPEN LINE FROM BUS 73208 TO BUS 73232 CKT 1
OPEN LINE FROM BUS 73234 TO BUS 73233 CKT 1
OPEN LINE FROM BUS 73234 TO BUS 73235 CKT 1
OPEN LINE FROM BUS 73234 TO BUS 73154 CKT 1
END

CONTINGENCY SOTHNGTN25T
OPEN LINE FROM BUS 73106 TO BUS 73154 CKT 3
OPEN LINE FROM BUS 73234 TO BUS 73233 CKT 1
OPEN LINE FROM BUS 73234 TO BUS 73235 CKT 1
OPEN LINE FROM BUS 73234 TO BUS 73154 CKT 1
END

CONTINGENCY SOTHNGTN26T
DISCONNECT BUS 73127
OPEN LINE FROM BUS 73204 TO BUS 73205 CKT 1
OPEN LINE FROM BUS 73205 TO BUS 73202 CKT 1
OPEN LINE FROM BUS 73205 TO BUS 73201 CKT 1
END

CONTINGENCY SOTHNGTN28T
DISCONNECT BUS 73127
OPEN LINE FROM BUS 73204 TO BUS 73205 CKT 1
OPEN LINE FROM BUS 73205 TO BUS 73201 CKT 1
OPEN LINE FROM BUS 73205 TO BUS 73202 CKT 1
DISCONNECT BUS 73128
OPEN LINE FROM BUS 73211 TO BUS 73200 CKT 1
OPEN LINE FROM BUS 73200 TO BUS 73181 CKT 1
OPEN LINE FROM BUS 73200 TO BUS 73202 CKT 1
END

CONTINGENCY STEVENSNSTK
OPEN LINE FROM BUS 73187 TO BUS 73282 CKT 1
OPEN LINE FROM BUS 73282 TO BUS 73194 CKT 1
OPEN LINE FROM BUS 73194 TO BUS 73170 CKT 1
DISCONNECT BUS 73164

DISCONNECT BUS 73191
END

CONTINGENCY STONYHILL1T
OPEN LINE FROM BUS 73170 TO BUS 73165 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73159 CKT 1
OPEN LINE FROM BUS 73179 TO BUS 73165 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73178 CKT 1
END

CONTINGENCY TRPFALLST1
OPEN LINE FROM BUS 73126 TO BUS 73704 CKT 1
OPEN LINE FROM BUS 73704 TO BUS 73191 CKT 1
OPEN LINE FROM BUS 73187 TO BUS 73191 CKT 1
OPEN LINE FROM BUS 73706 TO BUS 73191 CKT 1
END

CONTINGENCY TRIANGLE2T
OPEN LINE FROM BUS 73170 TO BUS 73176 CKT 1
OPEN LINE FROM BUS 73176 TO BUS 73383 CKT 1
OPEN LINE FROM BUS 73170 TO BUS 73176 CKT 2
OPEN LINE FROM BUS 73176 TO BUS 73377 CKT 1
END

CONTINGENCY TRIANGLE3T
OPEN LINE FROM BUS 73170 TO BUS 73176 CKT 2
OPEN LINE FROM BUS 73176 TO BUS 73383 CKT 1
OPEN LINE FROM BUS 73176 TO BUS 73268 CKT 1
OPEN LINE FROM BUS 73176 TO BUS 73377 CKT 2
END

CONTINGENCY TRIANGLE4T
OPEN LINE FROM BUS 73170 TO BUS 73176 CKT 1
OPEN LINE FROM BUS 73176 TO BUS 73377 CKT 1
OPEN LINE FROM BUS 73176 TO BUS 73268 CKT 1
OPEN LINE FROM BUS 73176 TO BUS 73377 CKT 2
OPEN LINE FROM BUS 73377 TO BUS 73383 CKT 1
END

CONTINGENCY WALLING1TSTK
OPEN LINE FROM BUS 73631 TO BUS 73632 CKT 1
OPEN LINE FROM BUS 73632 TO BUS 73671 CKT 1
OPEN LINE FROM BUS 73631 TO BUS 73594 CKT 1
END

CONTINGENCY WALLING2TSTK
OPEN LINE FROM BUS 73631 TO BUS 73632 CKT 1
OPEN LINE FROM BUS 73632 TO BUS 73671 CKT 1
OPEN LINE FROM BUS 73631 TO BUS 73195 CKT 1
END

CONTINGENCY WALLING3TSTK
OPEN LINE FROM BUS 73631 TO BUS 73195 CKT 1
OPEN LINE FROM BUS 73631 TO BUS 73595 CKT 1
OPEN LINE FROM BUS 73631 TO BUS 73596 CKT 1
END

CONTINGENCY WALLING4TSTK
OPEN LINE FROM BUS 73631 TO BUS 73595 CKT 1
OPEN LINE FROM BUS 73631 TO BUS 73596 CKT 1
OPEN LINE FROM BUS 73631 TO BUS 73198 CKT 1
END

CONTINGENCY WALLING5TSTK
OPEN LINE FROM BUS 73631 TO BUS 73594 CKT 1
OPEN LINE FROM BUS 73631 TO BUS 73198 CKT 1
END

CONTINGENCY WATERST1TSTK
OPEN LINE FROM BUS 73680 TO BUS 73669 CKT 1
OPEN LINE FROM BUS 73681 TO BUS 73680 CKT 1

END

CONTINGENCY WATERST2TSTK

OPEN LINE FROM BUS 73681 TO BUS 73680 CKT 1
OPEN LINE FROM BUS 73678 TO BUS 73680 CKT 1
END

CONTINGENCY WATERSIDE2T

OPEN LINE FROM BUS 73168 TO BUS 73162 CKT 1
OPEN LINE FROM BUS 73162 TO BUS 73163 CKT 1
END

CONTINGENCY WBROOKFLD1T

OPEN LINE FROM BUS 73190 TO BUS 73179 CKT 1
OPEN LINE FROM BUS 73179 TO BUS 73165 CKT 1
OPEN LINE FROM BUS 73165 TO BUS 73178 CKT 1
END

CONTINGENCY WRIVER1TSTK

OPEN LINE FROM BUS 73681 TO BUS 73680 CKT 1
OPEN LINE FROM BUS 73681 TO BUS 73669 CKT 1
OPEN LINE FROM BUS 73682 TO BUS 73681 CKT 1
OPEN LINE FROM BUS 73684 TO BUS 73682 CKT 1
END

CONTINGENCY WRIVER2TSTK

OPEN LINE FROM BUS 73681 TO BUS 73680 CKT 1
OPEN LINE FROM BUS 73669 TO BUS 73681 CKT 2
OPEN LINE FROM BUS 73681 TO BUS 73683 CKT 1
OPEN LINE FROM BUS 73683 TO BUS 73685 CKT 1
END

CONTINGENCY WESTON1T

OPEN LINE FROM BUS 73172 TO BUS 73292 CKT 2
OPEN LINE FROM BUS 73292 TO BUS 73158 CKT 1
OPEN LINE FROM BUS 73158 TO BUS 73224 CKT 1
END

CONTINGENCY WOODMNT1TSTK

OPEN LINE FROM BUS 73686 TO BUS 73684 CKT 1
OPEN LINE FROM BUS 73684 TO BUS 73744 CKT 1
OPEN LINE FROM BUS 73686 TO BUS 73746 CKT 1
OPEN LINE FROM BUS 73195 TO BUS 73690 CKT 1
OPEN LINE FROM BUS 73690 TO BUS 73688 CKT 1
OPEN LINE FROM BUS 73688 TO BUS 73686 CKT 1
OPEN LINE FROM BUS 73688 TO BUS 73748 CKT 1
END

CONTINGENCY WOODMNT2TSTK

OPEN LINE FROM BUS 73687 TO BUS 73685 CKT 1
OPEN LINE FROM BUS 73687 TO BUS 73746 CKT 1
OPEN LINE FROM BUS 73685 TO BUS 73744 CKT 1
OPEN LINE FROM BUS 73691 TO BUS 73689 CKT 1
OPEN LINE FROM BUS 73689 TO BUS 73687 CKT 1
OPEN LINE FROM BUS 73689 TO BUS 73748 CKT 1
END

CONTINGENCY 318-362STKBR

DISCONNECT BUS 73122
END

CONTINGENCY CARD1TSTK

OPEN LINE FROM BUS 73108 TO BUS 73112 CKT 1
OPEN LINE FROM BUS 73108 TO BUS 73119 CKT 1
OPEN LINE FROM BUS 73108 TO BUS 73215 CKT 1
END

CONTINGENCY CARD1T+LAKE

OPEN LINE FROM BUS 73108 TO BUS 73112 CKT 1
OPEN LINE FROM BUS 73108 TO BUS 73119 CKT 1
OPEN LINE FROM BUS 73108 TO BUS 73215 CKT 1

DISCONNECT BUS 73565
DISCONNECT BUS 73566
DISCONNECT BUS 73567
END

CONTINGENCY CARD2TSTK
OPEN LINE FROM BUS 73108 TO BUS 73112 CKT 1
OPEN LINE FROM BUS 73108 TO BUS 73110 CKT 1
END

CONTINGENCY CARD3TSTK
OPEN LINE FROM BUS 73108 TO BUS 73110 CKT 1
OPEN LINE FROM BUS 73108 TO BUS 73119 CKT 1
OPEN LINE FROM BUS 73108 TO BUS 73215 CKT 1
END

CONTINGENCY CARD3T+LAKE
OPEN LINE FROM BUS 73108 TO BUS 73110 CKT 1
OPEN LINE FROM BUS 73108 TO BUS 73119 CKT 1
OPEN LINE FROM BUS 73108 TO BUS 73215 CKT 1
DISCONNECT BUS 73565
DISCONNECT BUS 73566
DISCONNECT BUS 73567
END

CONTINGENCY LONGMT5TSTK
OPEN LINE FROM BUS 73105 TO BUS 73117 CKT 1
OPEN LINE FROM BUS 73117 TO BUS 74344 CKT 1
OPEN LINE FROM BUS 73105 TO BUS 73115 CKT 1
END

CONTINGENCY LUDLOWSTBKR
OPEN LINE FROM BUS 72925 TO BUS 73103 CKT 1
OPEN LINE FROM BUS 73103 TO BUS 73111 CKT 1
OPEN LINE FROM BUS 73103 TO BUS 73112 CKT 1
OPEN LINE FROM BUS 72925 TO BUS 72929 CKT 1
OPEN LINE FROM BUS 72925 TO BUS 72972 CKT 1
OPEN LINE FROM BUS 72929 TO BUS 71796 CKT 1
OPEN LINE FROM BUS 71797 TO BUS 71796 CKT 1
END

CONTINGENCY MANCH21TSTK
OPEN LINE FROM BUS 73112 TO BUS 73110 CKT 1
OPEN LINE FROM BUS 73112 TO BUS 73103 CKT 1
OPEN LINE FROM BUS 73103 TO BUS 72925 CKT 1
OPEN LINE FROM BUS 73103 TO BUS 73111 CKT 1
END

CONTINGENCY MONTVSTBKR
OPEN LINE FROM BUS 73109 TO BUS 73110 CKT 1
OPEN LINE FROM BUS 73109 TO BUS 73113 CKT 1
OPEN LINE FROM BUS 73109 TO BUS 73210 CKT 1
OPEN LINE FROM BUS 73109 TO BUS 73210 CKT 2
END

CONTINGENCY NOMNTSTBKR
OPEN LINE FROM BUS 72926 TO BUS 72924 CKT 1
OPEN LINE FROM BUS 72924 TO BUS 72952 CKT 1
OPEN LINE FROM BUS 72924 TO BUS 72928 CKT 1
OPEN LINE FROM BUS 72928 TO BUS 78700 CKT 1
OPEN LINE FROM BUS 72926 TO BUS 72927 CKT 1
OPEN LINE FROM BUS 72927 TO BUS 70486 CKT 1
END

CONTINGENCY NMSTBKREAC
OPEN LINE FROM BUS 72926 TO BUS 72924 CKT 1
OPEN LINE FROM BUS 72924 TO BUS 72952 CKT 1
OPEN LINE FROM BUS 72924 TO BUS 72928 CKT 1
OPEN LINE FROM BUS 72928 TO BUS 78700 CKT 1
OPEN LINE FROM BUS 72926 TO BUS 72927 CKT 1
OPEN LINE FROM BUS 72927 TO BUS 70486 CKT 1

OPEN LINE FROM BUS 70508 TO BUS 70509 CKT 2
END

/CONTINGENCY SCOVrk5TSTK ** removed
/OPEN LINE FROM BUS 73107 TO BUS 73663 CKT 1
/OPEN LINE FROM BUS 73663 TO BUS 73668 CKT 1
/OPEN LINE FROM BUS 73663 TO BUS 73668 CKT 2
/OPEN LINE FROM BUS 73663 TO BUS 73664 CKT 1
/DISCONNECT BUS 73116
/DISCONNECT BUS 73557
/END

/* removed for ESB series
/CONTINGENCY SCOVrk5TSTK /* revised for Phase 2
/OPEN LINE FROM BUS 73107 TO BUS 73663 CKT 1
/DISCONNECT BUS 73664
/DISCONNECT BUS 73665
/DISCONNECT BUS 75073
/DISCONNECT BUS 73116
/DISCONNECT BUS 73557
/END

CONTINGENCY SCOVrk5TSTK /* revised for ESB series
OPEN LINE FROM BUS 73107 TO BUS 73295 CKT 1
DISCONNECT BUS 73116
DISCONNECT BUS 73557
END

/CONTINGENCY SCOVrk8TSTK
/OPEN LINE FROM BUS 73107 TO BUS 73113 CKT 1
/OPEN LINE FROM BUS 73107 TO BUS 73663 CKT 1
/OPEN LINE FROM BUS 73663 TO BUS 73668 CKT 1
/OPEN LINE FROM BUS 73663 TO BUS 73668 CKT 2
/OPEN LINE FROM BUS 73663 TO BUS 73664 CKT 1
/END

/CONTINGENCY SCOVrk8TSTK /* revised for Phase 2 /removed by Manos for ESA
configuration
/OPEN LINE FROM BUS 73107 TO BUS 73113 CKT 1
/OPEN LINE FROM BUS 73107 TO BUS 73663 CKT 1
/DISCONNECT BUS 73664
/DISCONNECT BUS 73665
/DISCONNECT BUS 75073
/END

CONTINGENCY SCOVrk8TSTK /added by Manos for ESA configuration
OPEN LINE FROM BUS 73107 TO BUS 73113 CKT 1
OPEN LINE FROM BUS 73106 TO BUS 73107 CKT 1
END

/CONTINGENCY SGTn1TSTK
/OPEN LINE FROM BUS 73106 TO BUS 73110 CKT 1
/OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 4
/OPEN LINE FROM BUS 73106 TO BUS 73154 CKT 2
/END

/CONTINGENCY SGTn1TSTK /* revised for Phase 2 /further modified by Manos
/disconnect bus 73121
/OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 4
/OPEN LINE FROM BUS 73106 TO BUS 73154 CKT 2
/END

CONTINGENCY SGTn1TSTK / added by Manos for ESA configuration
OPEN LINE FROM BUS 73106 TO BUS 73107 CKT 1
OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 4
OPEN LINE FROM BUS 73106 TO BUS 73154 CKT 2
END

CONTINGENCY SGTn3TSTK
OPEN LINE FROM BUS 73106 TO BUS 73122 CKT 1
OPEN LINE FROM BUS 73106 TO BUS 73154 CKT 2

END

CONTINGENCY SGTN4TSTK
OPEN LINE FROM BUS 73106 TO BUS 73122 CKT 1
OPEN LINE FROM BUS 73106 TO BUS 73104 CKT 1
END

CONTINGENCY SGTN5TSTK
OPEN LINE FROM BUS 73106 TO BUS 73104 CKT 1
OPEN LINE FROM BUS 73106 TO BUS 73154 CKT 3
END

CONTINGENCY SGTN6TSTK
OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73106 TO BUS 73154 CKT 3
END

/CONTINGENCY SGTN7TSTK
/OPEN LINE FROM BUS 73106 TO BUS 73110 CKT 1
/OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 1
/OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 4
/END

/CONTINGENCY SGTN7TSTK /* revised for Phase 2
configuration by Manos
/disconnect bus 73121
/OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 1
/OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 4
/END

/revised further for ESA

CONTINGENCY SGTN7TSTK
OPEN LINE FROM BUS 73106 TO BUS 73107 CKT 1
OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 1
OPEN LINE FROM BUS 73106 TO BUS 73198 CKT 4
END

/added by Manos

CONTINGENCY NORsing1 /* added for Phase 2
DISCONNECT BUS 73314
DISCONNECT BUS 73316
END

CONTINGENCY SINGDEV1 /* added for Phase 2
DISCONNECT BUS 73310
DISCONNECT BUS 73312
END

CONTINGENCY SINGERSTK /* added for Phase 2
DISCONNECT BUS 73310
DISCONNECT BUS 73312
DISCONNECT BUS 73314
DISCONNECT BUS 73316
END

contingency devonstuck /* added by Manos
disconnect bus 73303
disconnect bus 73306
DISCONNECT BUS 73310
DISCONNECT BUS 73312
end

contingency devon-eshr1 /* added by Manos
disconnect bus 73303
disconnect bus 73306
end

contingency devon-eshr2 /* added by Manos
disconnect bus 73303
disconnect bus 73304
disconnect bus 73306
disconnect bus 73307
end

```
contingency devon-eshr3 /* added by Manos
disconnect bus 73303
disconnect bus 73304
disconnect bus 73305
disconnect bus 73306
disconnect bus 73307
disconnect bus 73308
end
```

```
CONTINGENCY SNG-PEQTAP /* added for Phase 2
OPEN LINE FROM BUS 73301 TO BUS 73716 CKT 1
END
```

```
CONTINGENCY SNGPEQ-XFR /* added for Phase 2
OPEN LINE FROM BUS 73301 TO BUS 73700 CKT 1
END
```

```
CONTINGENCY DEV-XFR /* added for Phase 2
OPEN LINE FROM BUS 73297 TO BUS 73129 CKT 1
END
```

```
CONTINGENCY ESHR-XFR
OPEN LINE FROM BUS 73663 TO BUS 73668 CKT 1
END
```

```
CONTINGENCY NEWDEV1
OPEN LINE FROM BUS 73126 TO BUS 73129 CKT 1
END
```

```
CONTINGENCY NEWDEV2
OPEN LINE FROM BUS 73195 TO BUS 73129 CKT 1
END
```

```
CONTINGENCY 362ELINE /added by Manos
OPEN LINE FROM BUS 73122 TO BUS 73295 CKT 1
END
```

```
CONTINGENCY 362WLINE /added by Manos
OPEN LINE FROM BUS 73113 TO BUS 73295 CKT 1
END
```

/ the next contingency is commented out because it's a repetition of 348N contingency

```
/CONTINGENCY SGT_SCVL_line /added by Manos
/OPEN LINE FROM BUS 73106 TO BUS 73107 CKT 1
/END
```

```
/CONTINGENCY BES_ESHline /* replaced for ESB series
/OPEN LINE FROM BUS 73663 TO BUS 73295 CKT 1
/END
```

```
contingency ESHrstuck_new /* added by Manos
OPEN LINE FROM BUS 73663 TO BUS 73295 CKT 1
disconnect bus 73303
disconnect bus 73306
end
```

```
CONTINGENCY 1466-362EDCT /added by Manos
OPEN LINE FROM BUS 73227 TO BUS 73633 CKT 1
OPEN LINE FROM BUS 73122 TO BUS 73295 CKT 1
END
```

```
CONTINGENCY 1975-362WDCT /added by Manos
OPEN LINE FROM BUS 73230 TO BUS 73227 CKT 1
OPEN LINE FROM BUS 73113 TO BUS 73295 CKT 1
END
```

```
CONTINGENCY 362W-376DCT /added by Manos
OPEN LINE FROM BUS 73113 TO BUS 73295 CKT 1
OPEN LINE FROM BUS 73113 TO BUS 73107 CKT 1
```

END

/the next contingency existed in a previous configuration that included the Beseck station
/however, the ESA configuration does not have any bus 73309. Contingency removed.

/CONTINGENCY BESECKXTSTK /added by Manos
/OPEN LINE FROM BUS 73122 TO BUS 73295 CKT 1
/DISCONNECT BUS 73309
/END

/ the new ESA configuration replaced the connection to DEVREAC (73309) with the connection
/ to East Shore. The BESECK stuck is added next.

CONTINGENCY BESECKXTSTK /added by Manos
OPEN LINE FROM BUS 73122 TO BUS 73295 CKT 1
OPEN LINE FROM BUS 73663 TO BUS 73295 CKT 1
END

END

CONTINGENCY 353LINE /* modified for Kleen Energy
OPEN LINE FROM BUS 73112 TO BUS 73114 CKT 1
OPEN LINE FROM BUS 73114 TO BUS 73107 CKT 1
END

CONTINGENCY 353+AUTO /* modified for Kleen Energy
OPEN LINE FROM BUS 73112 TO BUS 73114 CKT 1
OPEN LINE FROM BUS 73114 TO BUS 73107 CKT 1
OPEN LINE FROM BUS 73112 TO BUS 73242 CKT 1
END

CONTINGENCY 1759-353DCT /* modified for Kleen Energy
OPEN LINE FROM BUS 73241 TO BUS 73264 CKT 1
OPEN LINE FROM BUS 73259 TO BUS 73264 CKT 1
OPEN LINE FROM BUS 73112 TO BUS 73114 CKT 1
OPEN LINE FROM BUS 73114 TO BUS 73107 CKT 1
OPEN LINE FROM BUS 73112 TO BUS 73242 CKT 1
END

CONTINGENCY 1767-353DCT /* modified for Kleen Energy
OPEN LINE FROM BUS 73242 TO BUS 73259 CKT 1
OPEN LINE FROM BUS 73112 TO BUS 73114 CKT 1
OPEN LINE FROM BUS 73114 TO BUS 73107 CKT 1
OPEN LINE FROM BUS 73112 TO BUS 73242 CKT 1
END

CONTINGENCY SCOVK4TSTK /* modified for Kleen Energy
OPEN LINE FROM BUS 73112 TO BUS 73114 CKT 1 /these two lines is equivalent to
disconnecting
OPEN LINE FROM BUS 73114 TO BUS 73107 CKT 1 /bus 73114 as in the very original
configuration
DISCONNECT BUS 73116
DISCONNECT BUS 73557
END

CONTINGENCY SCOVK7TSTK /* removed for Kleen Energy
OPEN LINE FROM BUS 73112 TO BUS 73114 CKT 1
OPEN LINE FROM BUS 73114 TO BUS 73107 CKT 1
OPEN LINE FROM BUS 73113 TO BUS 73107 CKT 1
END

END

SWCT Transmission Expansion:
East Shore to Norwalk with Reconductored 387 Line (2x954) Looped into Beseck
Transmission Loading and Voltage Analysis, NE-NY ± 700 MW and 0 MW

- with NHHS Off-Line
(only contingencies differing from those with
NHHS on-line)

CONTINGENCY 353NLINE / * added for Kleen Energy
OPEN LINE FROM BUS 73112 TO BUS 73114 CKT 1
END

CONTINGENCY 353SLINE / * added for Kleen Energy
OPEN LINE FROM BUS 73107 TO BUS 73114 CKT 1
END

CONTINGENCY KLEENSTK1 / * added for Kleen Energy
OPEN LINE FROM BUS 73112 TO BUS 73114 CKT 1
REMOVE MACHINE 1 FROM BUS 73597
END

CONTINGENCY KLEENSTK2 / * added for Kleen Energy
OPEN LINE FROM BUS 73107 TO BUS 73114 CKT 1
REMOVE MACHINE 1 FROM BUS 73598
END

CONTINGENCY KLEENSTK3 / * added for Kleen Energy
OPEN LINE FROM BUS 73107 TO BUS 73114 CKT 1
REMOVE MACHINE 1 FROM BUS 73599
END

CONTINGENCY 353N+AUTO / * added for Kleen Energy
OPEN LINE FROM BUS 73112 TO BUS 73114 CKT 1
OPEN LINE FROM BUS 73112 TO BUS 73242 CKT 1
END

CONTINGENCY 1759-353NDCT / * added for Kleen Energy
OPEN LINE FROM BUS 73241 TO BUS 73264 CKT 1
OPEN LINE FROM BUS 73259 TO BUS 73264 CKT 1
OPEN LINE FROM BUS 73112 TO BUS 73114 CKT 1
OPEN LINE FROM BUS 73112 TO BUS 73242 CKT 1
END

CONTINGENCY 1767-353NDCT / * added for Kleen Energy
OPEN LINE FROM BUS 73242 TO BUS 73259 CKT 1
OPEN LINE FROM BUS 73112 TO BUS 73114 CKT 1
OPEN LINE FROM BUS 73112 TO BUS 73242 CKT 1
END

CONTINGENCY SCOVK4TSTK / * added for Kleen Energy
OPEN LINE FROM BUS 73114 TO BUS 73107 CKT 1
DISCONNECT BUS 73116
DISCONNECT BUS 73557
END

CONTINGENCY SCOVK7TSTK / * modified for Kleen Energy
OPEN LINE FROM BUS 73114 TO BUS 73107 CKT 1
OPEN LINE FROM BUS 73113 TO BUS 73107 CKT 1
END

end

Appendix D

Generation Dispatches

- 387 Line Looped into Beseck with Genessee Conductor
 - NE-NY ± 700 MW and 0 MW
- New Haven Harbor Station (NHHS) On/Off

Key to Generation Dispatch IDs

SWCT Gen. Dispatch ID	New Haven Harbor On-Line				New Haven Harbor Off-Line (4)			
	2	3	4	5	2	3	4	5
NE-NY 0	2C	3C (1)	4C (1)	5C (1)	6C	7C	8C	9C
NE-NY 700 (5)	10C	11C (2)	12C (2)	13C (2)	14C	15C	16C	17C
NY-NE 700 (5)	18C	19C (3)	20C (3)	21C (3)	22C	23C	23C	24C

Notes:

1. For these dispatches only New England generation differences with dispatch 2C are shown.
2. For these dispatches only New England generation differences with dispatch 10C are shown.
3. For these dispatches only New England generation differences with dispatch 18C are shown.
4. For the 447 MW New Haven Harbor Station (NHHS) off-line dispatches, the NHHS generation is replaced by the proposed Kleen Energy generation. Other generation remains unchanged, so refer to the corresponding NHHS on-line cases for generation dispatch.
5. Generation changes from a NE-NY 0 MW to achieve ± 700 MW NE-NY are shown on the following pages.
6. The “C” suffix in the dispatch IDs indicates that the 387 line (East Shore to Scovill Road 345) is looped into Beseck and modeled with a reconductor using a 2x954 conductor.

SWCT Transmission Expansion:
East Shore to Norwalk with Reconductored 387 Line (2x954) Looped into Beseck
Transmission Loading and Voltage Analysis, NE-NY ±700 MW and 0 MW

Dispatch Changes to Create 700 MW NE to NY Cases

Bring on MIS GT2 (70061) at reduced output	+150.0 MW
Bring on Edgar GT1 (70909)	+276.2 MW
Bring on Edgar ST1 (70911) at reduced output	<u>+273.8 MW</u> *adjust as needed
	+700.0 MW

Take off Oswego 6 (77953)	-850.0 MW
Increase Roseton Gen1 (74190)	<u>+150.0 MW</u> *adjust as needed
	-700.0 MW

Dispatch Changes to Create 700 MW NY to NE Cases

Take off Wyman #2 (70361)	-21.0 MW
Take off Wyman #3 (70362)	-20.0 MW
Increase Wyman #4 (70368)	+11.0 MW *adjust as needed
Take off Cabot CMB (71065)	-260.0 MW
Take off Cabot STM (71066)	-120.0 MW
Take off ANP Blackstone (71096)	<u>-290.0 MW</u>
	-700.0 MW

Bring on Gowanus 3GT (74776)	+110.0 MW
Bring on Athens C (78710)	+248.0 MW
Bring on Athens S (78711)	+112.0 MW
Increase Roseton Gen1 (74190)	<u>+230.0 MW</u> *adjust as needed
	+700.0 MW

SWCT Transmission Expansion:
East Shore to Norwalk with Reconductored 387 Line (2x954) Looped into Beseck
Transmission Loading and Voltage Analysis, NE-NY ± 700 MW and 0 MW

Dispatches 2C – 5C

New England Generation for Dispatch 2C (NE-NY 0 MW) ESB Series Cases												
Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
72689	ABENAKI	4.16	4	0	-2	5.4	-0.5	-0.5	-0.5	1	1.0115	
70377	AEC G1	13.8	1	0	2	52.5	8	37	-26.5	1.04	1.04	
70378	AEC G2	13.8	1	0	2	52.5	8	37	-26.5	1.04	1.04	
70379	AEC G3	13.8	1	0	2	52.5	7.9	37	-26.5	1.04	1.04	
70370	AEI GEN	13.8	1	0	-2	36	3	3	3	1.03	1.0243	
73538	AESTH PF	20	1	0	2	180	38	80	0	1.035	1.035	73109
72962	AGAWM PF	115	1	0	-2	1.6	0	0	0	1	1.0213	
73072	ALT12 PF	13.8	2	0	2	65	19	26	0	1.035	1.035	72983
73073	ALT34 PF	13.8	2	0	2	80.5	19	33	0	1.035	1.035	72983
71095	ANPBLCK1	21	1	0	2	290	118	150	-100	1.038	1.038	70785
71096	ANPBLCK2	21	1	0	2	290	118	150	-100	1.038	1.038	70785
72688	ANSON HY	4.16	3	2	-2	4.8	0	0	0	1	1.0088	
72840	AYERS	34.5	1	0	-2	3	0	0	0	1.03	1.0262	
73351	BATES DA	0.48	1	0	2	0	-3.3	8	-8	1.03	1.03	73378
70628	BAY 34.5	34.5	1	0	-2	2.5	0	0	0	1.014	0.9982	
70414	BC BUS 1	11.5	1	0	-2	6	0	0	0	1	1.0133	
70415	BC BUS 2	11.5	1	0	-2	6	0	0	0	1	1.0146	
70425	BC COGEN	13.8	1	0	-2	110	46	46	46	1	1.0141	
70413	BC U.H.1	11.5	1	0	-2	6	0	0	0	1	1.0165	
70412	BC U.H.2	11.5	1	1	-2	6	0	0	0	1	1.0218	
73188	BCNFL PF	115	3	0	-2	3.4	0	0	0	1	0.9991	
70689	BELDENS	46	1	0	-2	8.7	0	0	0	1	1.0354	
71854	BELWS G1	6.9	1	0	-2	10.6	5.8	5.8	-5.8	1	0.9961	71832
71855	BELWS G2	6.9	1	0	-2	10.6	5.8	5.8	-5.8	1	0.9961	71832
71856	BELWS G3	6.9	1	0	-2	10.6	5.8	5.8	-5.8	1	0.9961	71832
72986	BERKPWR	13.8	1	0	2	305	43	150	-40	1.02	1.02	72977
70691	BOLTONFL	34.5	1	0	-2	2	0	2	0	1	1.0182	
72064	BOOTMIL	13.8	1	0	-2	7.2	0	10	0	1	1.0434	
72372	BP #1 GN	18	2	0	2	238	78.4	120	-37	1.0261	1.0261	72252
72375	BP #2 GN	18	2	0	2	241	78.4	117	-32	1.0261	1.0261	72252
72370	BP #3 GN	20	1	0	2	605	53.9	265	-225	1.0377	1.0377	71801
73648	BPTHBR#3	22	1	0	2	375	32.9	260	-160	1.026	1.026	73700
70577	BRDFRD T	46	1	0	-2	0.4	0	0.1	0	0.9567	1.0161	
72830	BRDGA PF	34.5	1	0	-2	15	0	0	0	1.03	1.0222	
70451	BRIAR PH	34.5	1	0	-2	0.9	0	0	0	1	1.0072	
72512	BRSWP G1	13.8	1	0	2	294	49.8	145	-75	1.0174	1.0174	72385
72513	BRSWP G2	13.8	1	0	2	294	49.8	145	-75	1.0174	1.0174	72385
70389	BUCKS G4	18	1	0	2	191	72.4	120	-100	1.04	1.04	
73381	BULLS BR	27.6	1	0	-2	5	1	1	1	1	0.9945	
73078	CABOT A	6.9	1	0	-2	22.5	6	6	6	1	1.0333	
73079	CABOT B	6.9	1	0	-2	22.5	6	6	6	1	1.0333	
71065	CABOTCMB	16	1	0	2	260	-26.4	127	-127	1.043	1.043	70760
71066	CABOTSTM	13.8	1	0	2	120	-26.4	60	-60	1.043	1.043	70760
73203	CAMPV PH	115	2	0	-2	6	0	0	0	1	1.0131	
71251	CANAL G1	18	1	0	-2	566	239	239	0	1.04	1.0351	71193
71252	CANAL G2	18	1	0	-2	576	120	120	-50	1.04	1.0351	71193
73545	CAP D PF	13.8	2	0	-2	50	34	34	-8	1.009	1.0003	73279
70597	CAVDH 46	46	1	0	-2	0.4	0.2	0.2	-0.1	0.965	0.9608	
70350	CHAMP EF	7.2	6	0	-2	-19.2	-6	-6	-6	1	0.9972	
70426	CHAMP G2	13.8	1	0	-2	15	6	6	6	1	0.9753	
70424	CHAMP G3	13.8	1	0	-2	65	32	32	32	1	1.0448	

New England Generation for Dispatch 2C (NE-NY 0 MW) ESB Series Cases												
Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
70017	CHESTER	115	3	0	-2	2.6	0	0	0	1.03	0.8805	
73006	COBLEMTN	69	1	0	-2	17	4	4	4	1	1.0167	
72665	COLFAX	13.8	2	0	2	63.8	-8.4	30	-19	1.01	1.01	
71857	COMRF G1	13.8	1	0	2	37.4	-5.3	13.7	-10	1.0435	1.0435	71817
71858	COMRF G2	13.8	1	0	2	37.4	-5.3	13.7	-10	1.0435	1.0435	71817
71859	COMRF G3	13.8	1	0	2	29	-5.3	13.7	-10	1.0435	1.0435	71817
71860	COMRF G4	13.8	1	0	2	29	-5.3	13.7	-10	1.0435	1.0435	71817
72065	CPCLOWEL	23	1	0	-2	23.8	0	13	0	1	1.0269	
73547	CRRA PF	11.5	1	0	-2	32	0	34	0	1	1.0434	
73548	CRRA PF	11.5	1	0	-2	32	0	34	0	1	1.0434	
73650	CRRRA PF	13.8	1	0	-2	57	30	30	-36	1	0.9762	
73074	CUMBRND	13.8	1	0	-2	3	1	1	1	1.043	1.0468	
70692	DECKGEN	13.8	1	0	-2	20	2	2	0	1	0.9932	
73765	DERBY PH	13.8	1	0	2	7	1.5	2	0	1.03	1.03	
73553	DEVON#7	13.8	1	0	2	106	23.3	47	-19	1.026	1.026	73195
73554	DEVON#8	13.8	1	0	2	106	23.3	47	-20	1.026	1.026	73195
73539	DEXTR PF	13.8	2	0	2	38	7.3	33	-13	1	1	
72957	DOREEN	115	1	0	-2	17	2	2	2	1	1.0312	
71316	DPA PF	13.8	2	0	-2	62.8	25	25	-10	1.025	1.0114	71279
72514	DRFLD 2G	2.4	3	0	2	1.6	2.6	3	-3	1	1	72435
72515	DRFLD 3G	2.4	3	0	2	1.6	1.6	3	-3	1	1	72436
72517	DRFLD 5G	13.8	2	0	-2	5	-1	4	-1	1	1.023	72411
72833	EASTMAN	34.5	2	0	-2	2	0	0	0	1.03	1.0131	
70738	EAVE	13.8	1	0	-2	4.5	0	0	0	0.9979	1.0011	
72808	EDDY B	34.5	1	0	-2	14.5	0	0	0	1.03	1.0196	
70019	ELLSWRTH	115	2	0	-2	0.4	0	0	0	1.03	0.9853	
71394	EMI_GEN	22	1	0	2	185	14.7	80	0	1.02	1.02	71380
72846	ERROL PH	34.5	1	0	-2	2.7	0	0	0	1.03	1.0009	
70736	ESSEX	34.5	1	0	-2	1	0.3	0.3	0	1.02	1.0106	
70712	ESSEX 19	34.5	1	0	-2	3.5	0	0.5	0	1	1.0107	
70693	ESX-STAT	3.2	1	0	2	0	14.9	75	-75	1.01	1.01	70512
73281	EXETR PF	115	1	0	-2	26	24	24	-8	1	0.9863	
70629	FAIR FLS	34.5	1	0	-2	1.9	0	0.6	0	1.025	1.0283	
73542	FALLS V	6.9	1	0	-2	7	2	2	2	0.96	0.9694	73336
72834	FKLIN PH	34.5	1	0	-2	0.7	0	0	0	1.03	1.0118	
73536	FORST PF	13.8	1	0	-2	13	4	4	0	1.03	1.0297	
72666	FRSQ SC1	11.5	1	0	2	42.6	-5	27	-5	0.9913	0.9913	
72667	FRSQ SC2	11.5	1	0	-2	42.6	-5	27	-5	0.9913	0.9914	
72668	FRSQ SC3	11.5	1	0	2	42.3	-3.5	27	-5	0.9913	0.9913	
72807	GARVINS	34.5	1	1	-2	6	0	0	0	1.03	1.0258	
70561	GLN.HY T	46	1	0	-2	1.2	-0.1	0.2	-0.1	0.9961	0.9969	
73168	GLNBROOK	115	1	0	2	0	-63.7	150	-150	1.035	1.035	
70371	GORBELL	13.8	1	0	-2	16	4	4	0	1.05	1.0225	70123
70713	GORGE GN	34.5	1	0	-2	2.5	0.5	0.5	0	1.02	0.986	
72805	GREGG PH	34.5	1	0	-2	0.3	0	0	0	1.0315	1.026	
70157	GUILF GN	115	1	0	-2	20.4	0	0	0	1	1.019	
70118	GULF ISL	115	1	0	-2	21.4	0	0	0	1.03	1.041	
70672	HARDWICK	34.5	1	0	-2	1.6	0	0	0	1	1.0034	
72518	HARR G1	6.9	1	0	2	14	4.6	6	0	1.0174	1.0174	72397
72510	HARR G2	6.9	1	0	2	14	4.6	6	0	1.0174	1.0174	72397
72511	HARR G3	6.9	1	0	2	14	4.6	6	0	1.0174	1.0174	72397

New England Generation for Dispatch 2C (NE-NY 0 MW) ESB Series Cases												
Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
70356	HARRIS#1	13.8	1	0	2	16	2.7	7.2	0	1.04	1.04	70111
70358	HARRIS#3	13.8	1	0	2	28	5.3	14.5	0	1.04	1.04	70111
72821	HEMPH PF	34.5	1	0	-2	14	0	0	0	1.02	1.0367	
70639	HGATE VL	46	1	0	-2	1.2	0	0.5	0	1.02	1.0554	
70547	HIGHGATE	115	1	0	2	0	126.2	140	-140	1.0045	1.0045	
71768	HOLYOKE	115	1	1	-2	2	1	1	1	1	1.0162	
71692	HUDSONDG	4.16	6	0	2	17	5.8	9.8	-9.8	1	1	
70548	HYDEVILLE	46	1	0	-2	1.3	-0.2	0.3	-0.2	0.9915	0.9962	
70410	HYDRO KN	4.16	1	1	-2	5	0	0	0	1	1.0364	
72528	INDCK PF	13.8	1	0	-2	17.4	12.4	12.4	-12.4	1.02	1.0158	72398
70359	IP RILEY	2.4	1	0	-2	11	-0.8	-0.8	-0.8	1	1.0231	
70420	J/MILL A	13.8	1	0	-2	30	20	20	20	1	1.0108	
70421	J/MILL B	13.8	5	0	-2	16.6	26.8	26.8	26.8	1	1.0121	
70432	J/MILL C	13.8	3	0	-2	26.8	16.4	16.4	16.4	1	1.0041	
72812	JACKMAN	34.5	1	0	-2	2.5	0	0	0	1.029	1.039	
70373	JAY/LIVR	13.8	2	0	-2	6	0	0	0	1	0.9903	
71123	KENDALL	13.8	3	0	2	63	5.8	32.3	0	1.025	1.025	
70484	KENTCHPF	13.8	1	0	-2	17	9	9	-9	1.03	0.9982	70470
71124	KND JETS	13.8	2	0	2	36.4	0.5	5.2	0	1.025	1.025	
72918	L NATION	34.5	1	0	-2	13	0	0	0	1.03	1.0183	
73565	LAKERD#1	21	1	0	2	280	53	174	-90	1.035	1.035	73119
73566	LAKERD#2	21	1	0	2	280	53	174	-90	1.035	1.035	73119
73567	LAKERD#3	21	1	0	2	280	53	174	-90	1.035	1.035	73119
70147	LAKEWOOD	115	1	0	-2	6.8	3.6	3.6	0	1.022	1.0102	
72664	LANDFILL	4.16	1	0	2	12	1.4	6	0	1.031	1.031	
72061	LAWHYD 4	23	1	0	-2	7.4	0	7	0	1	1.0136	
72059	LENERG1	13.8	1	0	-2	50	5.8	5.8	0	1.02	1.0196	71972
72060	LENERG2	13.8	1	0	-2	20	0	0	0	1.02	1.0196	71972
70104	LEW LWR	115	1	0	-2	13.8	-3	3	-3	1.025	1.0369	
73276	LISBN PF	115	1	0	-2	13.5	3	3	0	1	0.9868	
70129	LOUDEN	115	1	0	-2	6.9	0	0	0	1.025	1.0323	
70443	LOWFL PH	34.5	1	0	-2	0.9	0	0	0	1	1.0089	
70177	LWSTN GN	115	1	0	-2	1.7	0	0	0	1.025	1.0368	
72685	MADSN G1	13.2	1	0	-2	-6.1	3	3	3	1	1.0324	
72686	MADSN G2	13.2	1	0	-2	-6.4	3	3	3	1	1.0319	
72687	MADSN G3	13.2	1	0	-2	-3.3	1	1	1	1	1.0114	
72683	MADSN UP	13.8	1	0	-2	1.6	0.3	0.3	0.3	1	1.0066	
72661	MANCH09A	13.8	1	0	-2	119	35	35	-32	1.035	1.0298	72569
72662	MANCH10A	13.8	1	0	-2	119	35	35	-32	1.035	1.0298	72569
72663	MANCH11A	13.8	1	0	-2	119	35	35	-32	1.035	1.0298	72569
73069	MAPR1 PF	13.8	1	0	-2	56	47	47	-32	1.035	1.0304	72980
70685	MARSHFLD	34.5	1	0	-2	3.5	0	0.2	0	1	1.0077	
70706	MCNEIL G	13.8	1	0	-2	51	9	9	-5	1.015	1.005	
70556	MENDN TP	46	1	0	-2	2.6	0	0.6	0	0.9919	0.9938	
70179	MERC GN	115	1	0	-2	17.5	5	5	0	1.05	1.0434	
73588	MERIDEN1	21	1	0	2	195	44.1	130	-30	1.03	1.03	73122
73589	MERIDEN2	21	1	0	2	195	44.1	130	-30	1.03	1.03	73122
73590	MERIDEN3	21	1	0	2	196	44.1	130	-30	1.03	1.03	73122
72866	MERMK G1	14.4	1	0	2	112.5	25.1	53	-10	1.035	1.035	72734
72867	MERMK G2	24	1	0	2	320	71.4	150	-30	1.035	1.035	72734
73564	MIDD#10J	13.2	1	0	-2	17	2	2	2	1	0.9766	

New England Generation for Dispatch 2C (NE-NY 0 MW) ESB Series Cases												
Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
70565	MIDDB HY	46	1	0	-2	3.2	0.3	0.3	0	0.999	0.975	
73555	MIDDTN#2	13.8	1	0	2	117	35.5	54	-20	1.026	1.026	73241
73556	MIDDTN#3	22	1	0	2	233	35.5	87	-37	1.026	1.026	73241
73557	MIDDTN#4	22	1	0	-2	400	200	200	-90	1.034	1.0315	73107
70677	MIDSX 34	34.5	1	0	-2	1.4	0	0.8	0	1.02	1.0275	
73574	MILFD#1	13.8	1	0	-2	280	150	150	-40	1.026	1.025	73125
73562	MILL#2	24	1	0	2	860	121.5	420	0	1.035	1.035	73110
73563	MILL#3	24	1	0	2	1140	121.5	520	0	1.035	1.035	73110
72243	MILLENCT	16	1	0	2	273	45.1	125	-90	1.0174	1.0174	72117
72244	MILLENST	13.8	1	0	2	117	20.3	62	-44	1.0174	1.0174	72117
70616	MILTON	34.5	1	0	-2	10	0	0	0	1	0.9913	
72801	MINEF PH	34.5	1	0	-2	1	0	0	0	1.035	1.0263	
72865	MK CT	13.2	2	0	-2	30	0	0	0	1	0.9882	
73075	MONTAGUE	13.8	1	0	-2	4	1	1	1	1.044	1.0429	
73558	MONTV#5	13.8	1	0	2	81	16.9	27	0	1.035	1.035	73109
73559	MONTV#6	22	1	0	2	402	85.8	200	-60	1.035	1.035	73109
71861	MOORE G1	13.8	1	0	2	40	-3	16	-10	1.0435	1.0435	71823
71862	MOORE G2	13.8	1	0	2	33	-3	16	-10	1.0435	1.0435	71823
71863	MOORE G3	13.8	1	0	2	33	13.3	16	-10	1.0435	1.0435	71824
71864	MOORE G4	13.8	1	0	2	33	13.3	16	-10	1.0435	1.0435	71824
70686	MORRSVL3	34.5	1	0	-2	1.8	0.3	0.3	0	1.0419	1.0059	
72373	MPLP 1PF	13.8	1	0	-2	80	53	53	-36	1.02	0.9985	72250
72374	MPLP 2PF	13.8	1	0	-2	44	27	27	-21	1.02	0.9985	72250
71067	MYS8 GTS	16	2	0	2	554	151.8	512	-180	1.043	1.043	70759
71061	MYST 5G	18	1	0	2	128.6	97.1	108	-75	1.035	1.035	70818
71060	MYST G4	18	1	0	2	133.4	97.1	108	-75	1.035	1.035	70818
71062	MYST G6	18	1	0	2	135.9	97.1	104	-75	1.035	1.035	70818
71063	MYST G7	22	1	0	2	565	151.8	335	-150	1.043	1.043	70759
71074	N.BOST 2	22	1	0	-2	380	230	230	-50	1.035	1.0341	70837
71084	NEA GTPF	13.8	1	0	-2	84.7	40	40	0	1.038	1.0365	70774
71085	NEA GTPF	13.8	1	0	-2	84.7	40	40	0	1.038	1.0365	70774
71086	NEA STPF	13.8	1	0	-2	80	55	55	0	1.038	1.0365	70774
70010	NEW_G1	18	1	0	2	169	24.3	105	0	1.035	1.035	72692
70011	NEW_G2	18	1	0	2	169	24.3	105	0	1.035	1.035	72692
70012	NEW_G3	18	1	0	2	195	24.3	120	0	1.035	1.035	72692
73651	NH HARBR	22	1	0	2	447	33.8	175	0	1.035	1.035	73668
73665	NHHHVDCL	192	1	0	-2	-351.5	72	72	-72	1.03	1.0206	73664
73083	NRTHFD12	13.8	2	0	2	540	154.3	160	-80	1.041	1.041	72926
73084	NRTHFD34	13.8	2	0	2	540	154.3	160	-80	1.041	1.041	72926
72868	NWNGT G1	24	1	0	2	422	24.3	180	-45	1.035	1.035	72692
71253	OGEN	23	1	0	2	7.5	1.1	1.5	0	1	1	
72068	OG MARTN	23	1	0	-2	30	0	20	0	1	1.0217	
70694	OMYA	46	1	0	2	7.7	1.4	3	0	1	1	
73077	ORCHARD	13.8	1	0	-2	4	2	2	2	1.009	1.0092	
71531	OSP1 PF	13.8	1	0	-2	77	0	37.6	0	1.0289	1.0325	71338
71532	OSP2 PF	13.8	1	0	-2	77	0	37.6	0	1.0289	1.0325	71338
71533	OSP3 PF	13.8	1	0	-2	107.5	0	51.8	0	1.0289	1.0325	71338
71534	OSP4 PF	13.8	1	0	-2	77	0	37.6	0	1.0289	1.0325	71338
70431	OTIS GEN	4.16	2	0	-2	8	1	1	1	1	1.0336	
72847	PINET PF	34.5	1	0	-2	15	0	0	0	1.03	0.9927	
71094	PLGRM G1	22.8	1	0	2	670	206.1	340	-100	1.038	1.038	70783

New England Generation for Dispatch 2C (NE-NY 0 MW) ESB Series Cases												
Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
72760	POTOK PH	115	1	0	-2	7.8	0	0	0	1.03	1.0232	
71719	POTTER	115	2	0	-2	89	42	42	-10	1.017	1.0148	
70690	PROCTP	46	1	0	-2	3	0.1	0.1	0	1.0002	0.9981	
73076	PROSPECT	13.8	1	0	-2	26	7	7	7	1.043	1.0474	
71125	PUTNAM	13.8	1	2	-2	13.5	0	2	0	1	1.029	
70594	QUECHE T	46	1	0	-2	1.5	0	0.7	0	0.9838	0.9893	
71945	RESCO	13.8	1	0	-2	29.9	20	20	-10	1.026	1.0218	71889
72063	RES-NAND	23	1	0	2	31.8	-4.7	15	-15	1.01	1.01	
73280	RKRIV PF	115	1	0	-2	2.6	0	0	0	0.974	1.0197	
73541	ROCK RIV	13.8	1	0	-2	25	0	10	0	0.974	1.0197	73190
70101	RUMFRDGN	115	1	0	-2	6	-0.5	0.5	-0.5	1	1.0187	
70627	RYGTE 34	34.5	1	0	-2	3.5	0.3	0.3	0	1.0364	1.0208	
71946	SALEM G1	14.4	1	0	2	79	9.7	32	-23	1.035	1.035	71891
71947	SALEM G2	14.4	1	0	2	78	9.7	29	-8	1.035	1.035	71891
71948	SALEM G3	14.4	1	0	2	143	19.4	50	-37	1.035	1.035	71891
71949	SALEM G4	22	1	0	2	400	58.1	275	-160	1.035	1.035	71891
70563	SALISBRY	46	1	0	-2	0.2	0.3	0.3	0	0.989	0.9833	
73352	SANDH DB	0.48	1	0	2	0	2.6	8	-8	1.043	1.043	73375
73353	SANDH DC	0.48	1	0	2	0	2.6	8	-8	1.043	1.043	73375
70162	SANFORD	115	1	0	-2	0.9	0.8	0.8	0	1.013	0.991	
72869	SBRK G1	25	1	0	2	1150	268.6	550	-90	1.035	1.035	72694
72870	SCHILLER	13.8	1	0	-2	47.5	25	25	-2	1.035	1.0157	72745
72871	SCHILLER	13.8	1	0	-2	49.6	25	25	-2	1.035	1.0157	72745
72872	SCHILLER	13.8	1	0	-2	48	25	25	-2	1.035	1.0157	72745
73616	SCRRA PF	69	1	0	-2	13.2	0	4	0	1	1.0053	
70417	SDW #8GN	11	2	0	-2	7	0	0	0	1	0.9912	
70418	SDW #9GN	13.8	1	0	-2	45	10	10	10	1	1.0113	
70419	SDW#10GN	13.8	1	0	-2	14	4	4	4	1	1.0124	
70372	SEA STRN	13.8	1	0	2	48	0.6	25	-22	1.03	1.03	70169
72519	SEARSBUR	2.4	1	0	-2	5	0	2	0	1	1.0178	72413
71189	SEM2PF	13.8	1	0	2	22.5	2.8	10	-2	1.0285	1.0285	
71188	SEMASSPF	13.8	1	0	-2	47.7	15	15	-5	1.0285	1.0154	71154
70445	SES PF	34.5	1	0	-2	12.2	0	0	0	1	1.0087	
73341	SHEPAUG	69	1	0	-2	32	8	8	8	1	1.0198	
72520	SHERMAN1	2.4	1	0	-2	5	-1	2	-1	1	1.0173	72401
71681	SHRWS DG	13.8	1	0	2	10	6.5	6.9	-6.9	1	1	
70564	SILVERLK	46	1	0	-2	1.5	0.8	0.8	0	1	0.9962	
70638	SJOHN 34	34.5	1	0	-2	1.1	0	0.1	0	1	1.0018	
73546	SMEAD PF	23	2	0	-2	13	0	4	0	1.03	1.0316	
72758	SMITH HY	115	1	0	-2	9	0	0	0	1.03	1.0189	
71522	SOM G6	14	1	0	-2	70	0	86	0	1.0087	1.0117	71377
73082	SPGFD PF	13.8	1	0	-2	6	0	2	0	1	1.0191	
70127	SPRNG GN	115	1	0	-2	11	0	0	0	1.035	1.0486	
72933	STNYBK 1	13.8	1	0	2	87	12.2	30	-8	1.043	1.043	
72930	STNYBK1A	13.8	1	0	2	65	11.1	30	-8	1.043	1.043	
72931	STNYBK1B	13.8	1	0	2	65	11.1	30	-8	1.043	1.043	
72932	STNYBK1C	13.8	1	0	2	65	11.1	30	-8	1.043	1.043	
72934	STNYBK2A	13.8	1	0	2	65	11.1	30	-8	1.043	1.043	
72935	STNYBK2B	13.8	1	0	2	65	11.1	30	-8	1.043	1.043	
72810	SUNCK PH	34.5	1	0	-2	1	0	0	0	1	1.0092	
70588	TAFTS 46	46	1	0	-2	0.2	0	0.2	0	0.973	0.9822	

New England Generation for Dispatch 2C (NE-NY 0 MW) ESB Series Cases												
Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
72756	TAMW PF	115	1	0	-2	20	0	0	0	1.03	0.9959	
71743	TAU 9A,8	13.8	1	1	-2	25	16	16	0	1.0261	1.0189	71739
71744	TAUNT G9	13.8	1	0	-2	85	52	52	0	1.0261	1.0189	71739
72842	TILTN PH	34.5	1	0	-2	0.9	0	0	0	1.03	1.0022	
72669	TIVER G1	18	1	0	2	189	30.5	125	-60	1.02	1.02	72590
72670	TIVER G2	13.8	1	0	2	92	15.9	48	-40	1.02	1.02	72590
70222	TOPSHAM	34.5	1	0	2	3.3	0.5	2.5	-2.5	1.04	1.04	
70223	TOPSHMGN	34.5	2	0	-2	13	0	0	0	1.04	1.0399	
73617	TUNNEL	69	1	0	2	17	0.8	3	0	1	1	
72822	TURKY PF	34.5	1	0	-2	2	0	0	0	1	1.0209	
70448	UPFLS PH	34.5	1	0	-2	0.7	0	0	0	1	1.0066	
70728	VERGE 34	34.5	1	0	-2	1	0	0.3	0	1	1.0165	
72521	VERNON G	2.4	4	0	2	8	3.3	6	-6	1	1	72420
72525	VERNON22	2.4	2	0	2	5	1.6	3	-3	1	1	72420
72522	VERNONT1	13.8	1	0	2	4	1.4	2.5	-2.5	1	1	72420
72523	VERNONT2	13.8	1	0	2	4	1.4	2.5	-2.5	1	1	72420
70705	VTYAK G	22	1	0	2	563	72	150	-100	1.043	1.043	70486
70160	W.BUXTON	115	1	0	-2	2.3	0	0	0	1.025	1.0255	
73081	W.SPRING	13.8	1	0	-2	15	0	0	0	1.017	1.022	72961
70422	WARRN G1	13.8	1	0	-2	50.5	15	15	15	1	1.0362	
70423	WARRN G2	13.8	1	0	-2	45	11	11	11	1	1.0393	
71613	WATRS RV	13.8	1	0	-2	45.9	0	17	0	1	1.0024	
70386	WBK G1	18	1	0	2	184	28.8	46.6	-50	1.04	1.04	
70387	WBK G2	18	1	0	2	184	28.8	46.6	-50	1.04	1.04	
70388	WBK G3	18	1	0	2	195	30.9	50	-50	1.04	1.04	
70575	WELLSRVR	46	1	0	-2	0.3	0.1	0.1	0	1.0003	0.9714	
70365	WF WY #1	13.8	1	0	2	57	5.6	14	-14	1.05	1.05	70128
70366	WF WY #2	13.8	1	0	2	57	5.6	14	-14	1.05	1.05	70128
70367	WF WY #3	14.4	1	0	2	125	11.2	55	-44	1.05	1.05	70128
70368	WF WY #4	22	1	0	2	108.2	23.4	242	-209	1.05	1.05	70088
72843	WHFDA PF	34.5	1	0	-2	13.8	0	0	0	1.03	1.0179	
72242	WHLBRATR	13.8	1	0	-2	39.4	27.5	27.5	0	1	0.9871	72098
72813	WHOPK PF	34.5	1	0	-2	9	0	0	0	1	1.0074	
71866	WILDER	13.8	3	0	-2	36	13	13	-13	1	0.9964	71834
70363	WILLM #1	6.9	1	0	2	4	1.3	1.9	1	1.03	1.03	
70364	WILLM #2	6.9	1	0	-2	3	1	1.3	1	1.03	1.0301	
70330	WINSLOW	34.5	1	3	-2	6.8	0	0	0	1.03	1.034	
72873	WL JET	13.8	1	0	-2	18	0	0	0	1.025	1.0017	
73631	WLNGF PF	115	1	0	-2	6.4	0	3	0	1	1.0295	
73459	WNDSRLK	27.6	1	0	-2	8	2	2	2	1	1.0362	
72956	WOODLAND	115	1	0	-2	17	2	2	2	1	1.0168	
73080	WSPFLD 3	13.8	1	0	2	107	15.5	52	-37	1.022	1.022	72961
70361	WYMAN #2	13.8	1	0	-2	21	0	11.6	0	1.02	1.0203	70113
70362	WYMAN #3	13.8	1	0	-2	20	0	11.6	0	1.02	1.0203	70113

NE Generation Changes from Dispatch 2C to Dispatch 3C (ESB Series Cases)										
Number	Name	BasVlt	Dispatch 2C		Dispatch 3C		Change			
			MW	MVAR	MW	MVAR	MW	%	MVAR	%
70010	NEW_G1	18	169	24.3	0	0	-169	100	-24.3	100
70011	NEW_G2	18	169	24.3	0	0	-169	100	-24.3	100
70012	NEW_G3	18	195	24.3	0	0	-195	100	-24.3	100
70368	WF WY #4	22	108.2	23.4	102.5	28.2	-5.8	5.3	4.8	20.7
71095	ANPBLCK1	21	290	118	0	0	-290	100	-118	100
72513	BRSWP G2	13.8	294	49.8	0	0	-294	100	-49.8	100
73575	MILFD#2	13.8	0	0	280	85.3	280	999.9	85.3	999.9
73594	WALL LV1	13.8	0	0	102	11.6	102	999.9	11.6	999.9
73595	WALL LV2	13.8	0	0	102	11.6	102	999.9	11.6	999.9
73596	WALL LV3	13.8	0	0	51	8.4	51	999.9	8.4	999.9
73652	BE 11	16	0	0	170	43.2	170	999.9	43.2	999.9
73653	BE 12	16	0	0	170	43.2	170	999.9	43.2	999.9
73654	BE 10 ST	16	0	0	180	43.2	180	999.9	43.2	999.9

NE Generation Changes from Dispatch 2C to Dispatch 4C (ESB Series Cases)										
Number	Name	BasVlt	Dispatch 2C		Dispatch 4C		Change			
			MW	MVAR	MW	MVAR	MW	%	MVAR	%
70010	NEW_G1	18	169	24.3	0	0	-169	100	-24.3	100
70011	NEW_G2	18	169	24.3	0	0	-169	100	-24.3	100
70012	NEW_G3	18	195	24.3	0	0	-195	100	-24.3	100
70368	WF WY #4	22	108.2	23.4	76.8	36.6	-31.4	29	13.2	56.5
71095	ANPBLCK1	21	290	118	0	0	-290	100	-118	100
72513	BRSWP G2	13.8	294	49.8	0	0	-294	100	-49.8	100
72867	MERMK G2	24	320	71.4	0	0	-320	100	-71.4	100
73551	NORHAR#1	18	0	0	161	-30	161	999.9	-30	999.9
73552	NORHAR#2	20	0	0	168	-30	168	999.9	-30	999.9
73575	MILFD#2	13.8	0	0	280	81.6	280	999.9	81.6	999.9
73594	WALL LV1	13.8	0	0	102	11.2	102	999.9	11.2	999.9
73595	WALL LV2	13.8	0	0	102	11.2	102	999.9	11.2	999.9
73596	WALL LV3	13.8	0	0	51	8	51	999.9	8	999.9
73652	BE 11	16	0	0	170	39.1	170	999.9	39.1	999.9
73653	BE 12	16	0	0	170	39.1	170	999.9	39.1	999.9
73654	BE 10 ST	16	0	0	180	39.1	180	999.9	39.1	999.9

NE Generation Changes from Dispatch 2C to Dispatch 5C (ESB Series Cases)										
Number	Name	BasVlt	Dispatch 2C		Dispatch 5C		Change			
			MW	MVAR	MW	MVAR	MW	%	MVAR	%
70368	WF WY #4	22	108.2	23.4	258	30.9	149.7	138.3	7.5	32.1
73551	NORHAR#1	18	0	0	161	-22.2	161	999.9	-22.2	999.9
73552	NORHAR#2	20	0	0	168	-22.2	168	999.9	-22.2	999.9
73553	DEVON#7	13.8	106	23.3	0	0	-106	100	-23.3	100
73554	DEVON#8	13.8	106	23.3	0	0	-106	100	-23.3	100
73574	MILFD#1	13.8	280	150	0	0	-280	100	-150	100

SWCT Transmission Expansion:
East Shore to Norwalk with Reconductored 387 Line (2x954) Looped into Beseck
Transmission Loading and Voltage Analysis, NE-NY ± 700 MW and 0 MW

Dispatches 10C – 13C

New England Generation for Dispatch 10C (NE-NY 700 MW) ESB Series Cases

Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
72689	ABENAKI	4.16	4	0	-2	5.4	-0.5	-0.5	-0.5	1	1.0137	
70377	AEC G1	13.8	1	0	2	52.5	7.5	37	-26.5	1.04	1.04	
70378	AEC G2	13.8	1	0	2	52.5	7.5	37	-26.5	1.04	1.04	
70379	AEC G3	13.8	1	0	2	52.5	7.5	37	-26.5	1.04	1.04	
70370	AEI GEN	13.8	1	0	-2	36	3	3	3	1.03	1.0257	
73538	AESTH PF	20	1	0	2	180	46	80	0	1.035	1.035	73109
72962	AGAWM PF	115	1	0	-2	1.6	0	0	0	1	1.0211	
73072	ALT12 PF	13.8	2	0	2	65	21.1	26	0	1.035	1.035	72983
73073	ALT34 PF	13.8	2	0	2	80.5	21.1	33	0	1.035	1.035	72983
71095	ANPBLCK1	21	1	0	2	290	114.3	150	-100	1.038	1.038	70785
71096	ANPBLCK2	21	1	0	2	290	114.3	150	-100	1.038	1.038	70785
72688	ANSON HY	4.16	3	2	-2	4.8	0	0	0	1	1.0111	
72840	AYERS	34.5	1	0	-2	3	0	0	0	1.03	1.0251	
73351	BATES DA	0.48	1	0	2	0	-3.4	8	-8	1.03	1.03	73378
70628	BAY 34.5	34.5	1	0	-2	2.5	0	0	0	1.014	0.9981	
70414	BC BUS 1	11.5	1	0	-2	6	0	0	0	1	1.0147	
70415	BC BUS 2	11.5	1	0	-2	6	0	0	0	1	1.0159	
70425	BC COGEN	13.8	1	0	-2	110	46	46	46	1	1.0152	
70413	BC U.H.1	11.5	1	0	-2	6	0	0	0	1	1.0178	
70412	BC U.H.2	11.5	1	1	-2	6	0	0	0	1	1.0231	
73188	BCNFL PF	115	3	0	-2	3.4	0	0	0	1	0.9994	
70689	BELDENS	46	1	0	-2	8.7	0	0	0	1	1.0354	
71854	BELWS G1	6.9	1	0	-2	10.6	5.8	5.8	-5.8	1	0.9979	71832
71855	BELWS G2	6.9	1	0	-2	10.6	5.8	5.8	-5.8	1	0.9979	71832
71856	BELWS G3	6.9	1	0	-2	10.6	5.8	5.8	-5.8	1	0.9979	71832
72986	BERKPWR	13.8	1	0	2	305	52.5	150	-40	1.02	1.02	72977
70691	BOLTONFL	34.5	1	0	-2	2	0	2	0	1	1.0178	
72064	BOOTMIL	13.8	1	0	-2	7.2	0	10	0	1	1.0432	
72372	BP #1 GN	18	2	0	2	238	80	120	-37	1.0261	1.0261	72252
72375	BP #2 GN	18	2	0	2	241	80	117	-32	1.0261	1.0261	72252
72370	BP #3 GN	20	1	0	2	605	54.7	265	-225	1.0377	1.0377	71801
73648	BPTHBR#3	22	1	0	2	375	35.7	260	-160	1.026	1.026	73700
70577	BRDFRD T	46	1	0	-2	0.4	0	0.1	0	0.9567	1.0172	
72830	BRDGA PF	34.5	1	0	-2	15	0	0	0	1.03	1.0212	
70451	BRIAR PH	34.5	1	0	-2	0.9	0	0	0	1	1.0064	
72512	BRSWP G1	13.8	1	0	2	294	38.4	145	-75	1.0174	1.0174	72385
72513	BRSWP G2	13.8	1	0	2	294	38.4	145	-75	1.0174	1.0174	72385
70389	BUCKS G4	18	1	0	2	191	46.9	120	-100	1.04	1.04	
73381	BULLS BR	27.6	1	0	-2	5	1	1	1	1	0.9948	
73078	CABOT A	6.9	1	0	-2	22.5	6	6	6	1	1.035	
73079	CABOT B	6.9	1	0	-2	22.5	6	6	6	1	1.035	
71065	CABOTCMB	16	1	0	2	260	-26.4	127	-127	1.043	1.043	70760
71066	CABOTSTM	13.8	1	0	2	120	-26.4	60	-60	1.043	1.043	70760
73203	CAMPV PH	115	2	0	-2	6	0	0	0	1	1.014	
71251	CANAL G1	18	1	0	-2	566	239	239	0	1.04	1.0357	71193
71252	CANAL G2	18	1	0	-2	576	120	120	-50	1.04	1.0357	71193
73545	CAP D PF	13.8	2	0	-2	50	34	34	-8	1.009	0.998	73279
70597	CAVDH 46	46	1	0	-2	0.4	0.2	0.2	-0.1	0.965	0.9628	
70350	CHAMP EF	7.2	6	0	-2	-19.2	-6	-6	-6	1	1.0184	
70426	CHAMP G2	13.8	1	0	-2	15	6	6	6	1	0.9953	
70424	CHAMP G3	13.8	1	0	-2	65	32	32	32	1	1.0618	

New England Generation for Dispatch 10C (NE-NY 700 MW) ESB Series Cases

Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
70017	CHESTER	115	3	0	-2	2.6	0	0	0	1.03	0.9389	
73006	COBLEMTN	69	1	0	-2	17	4	4	4	1	1.0162	
72665	COLFAX	13.8	2	0	2	63.8	-8.3	30	-19	1.01	1.01	
71857	COMRF G1	13.8	1	0	2	37.4	-4.9	13.7	-10	1.0435	1.0435	71817
71858	COMRF G2	13.8	1	0	2	37.4	-4.9	13.7	-10	1.0435	1.0435	71817
71859	COMRF G3	13.8	1	0	2	29	-4.9	13.7	-10	1.0435	1.0435	71817
71860	COMRF G4	13.8	1	0	2	29	-4.9	13.7	-10	1.0435	1.0435	71817
72065	CPCLOWEL	23	1	0	-2	23.8	0	13	0	1	1.0268	
73547	CRRA PF	11.5	1	0	-2	32	0	34	0	1	1.0409	
73548	CRRA PF	11.5	1	0	-2	32	0	34	0	1	1.0409	
73650	CRRRA PF	13.8	1	0	-2	57	30	30	-36	1	0.9762	
73074	CUMBRLND	13.8	1	0	-2	3	1	1	1	1.043	1.0484	
70692	DECKGEN	13.8	1	0	-2	20	2	2	0	1	0.993	
73765	DERBY PH	13.8	1	0	2	7	1.4	2	0	1.03	1.03	
73553	DEVON#7	13.8	1	0	2	106	24.7	47	-19	1.026	1.026	73195
73554	DEVON#8	13.8	1	0	2	106	24.7	47	-20	1.026	1.026	73195
73539	DEXTR PF	13.8	2	0	2	38	8.1	33	-13	1	1	
72957	DOREEN	115	1	0	-2	17	2	2	2	1	1.0311	
71316	DPA PF	13.8	2	0	-2	62.8	25	25	-10	1.025	1.0116	71279
72514	DRFLD 2G	2.4	3	0	2	1.6	1.9	3	-3	1	1	72435
72515	DRFLD 3G	2.4	3	0	2	1.6	1.3	3	-3	1	1	72436
72517	DRFLD 5G	13.8	2	0	-2	5	-1	4	-1	1	1.0235	72411
72833	EASTMAN	34.5	2	0	-2	2	0	0	0	1.03	1.012	
70738	EAVE	13.8	1	0	-2	4.5	0	0	0	0.9979	1.0011	
72808	EDDY B	34.5	1	0	-2	14.5	0	0	0	1.03	1.0193	
70909	EDG GT1	16	1	0	2	276.2	15.3	256	-90	1.017	1.017	70901
70911	EDG ST1	18	1	0	2	305	15.3	200	-120	1.017	1.017	70901
70019	ELLSWRTH	115	2	0	-2	0.4	0	0	0	1.03	1.0241	
71394	EMI_GEN	22	1	0	2	185	13.4	80	0	1.02	1.02	71380
72846	ERROL PH	34.5	1	0	-2	2.7	0	0	0	1.03	1.0008	
70736	ESSEX	34.5	1	0	-2	1	0.3	0.3	0	1.02	1.0106	
70712	ESSEX 19	34.5	1	0	-2	3.5	0	0.5	0	1	1.0106	
70693	ESX-STAT	3.2	1	0	2	0	13.9	75	-75	1.01	1.01	70512
73281	EXETR PF	115	1	0	-2	26	24	24	-8	1	0.9882	
70629	FAIR FLS	34.5	1	0	-2	1.9	0	0.6	0	1.025	1.0283	
73542	FALLS V	6.9	1	0	-2	7	2	2	2	0.96	0.9701	73336
72834	FKLIN PH	34.5	1	0	-2	0.7	0	0	0	1.03	1.0106	
73536	FORST PF	13.8	1	0	2	13	1.6	4	0	1.03	1.03	
72666	FRSQ SC1	11.5	1	0	2	42.6	-4.5	27	-5	0.9913	0.9913	
72667	FRSQ SC2	11.5	1	0	2	42.6	-4.6	27	-5	0.9913	0.9913	
72668	FRSQ SC3	11.5	1	0	2	42.3	-2.9	27	-5	0.9913	0.9913	
72807	GARVINS	34.5	1	1	-2	6	0	0	0	1.03	1.0256	
70561	GLN.HY T	46	1	0	-2	1.2	-0.1	0.2	-0.1	0.9961	0.998	
73168	GLNBROOK	115	1	0	2	0	-62.9	150	-150	1.035	1.035	
70371	GORBELL	13.8	1	0	-2	16	4	4	0	1.05	1.0284	70123
70713	GORGE GN	34.5	1	0	-2	2.5	0.5	0.5	0	1.02	0.986	
72805	GREGG PH	34.5	1	0	-2	0.3	0	0	0	1.0315	1.0257	
70157	GUILF GN	115	1	0	-2	20.4	0	0	0	1	1.028	
70118	GULF ISL	115	1	0	-2	21.4	0	0	0	1.03	1.0434	
70672	HARDWICK	34.5	1	0	-2	1.6	0	0	0	1	1.0028	
72518	HARR G1	6.9	1	0	2	14	3.3	6	0	1.0174	1.0174	72397

New England Generation for Dispatch 10C (NE-NY 700 MW) ESB Series Cases

Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
72510	HARR G2	6.9	1	0	2	14	3.3	6	0	1.0174	1.0174	72397
72511	HARR G3	6.9	1	0	2	14	3.3	6	0	1.0174	1.0174	72397
70356	HARRIS#1	13.8	1	0	2	16	2.1	7.2	0	1.04	1.04	70111
70358	HARRIS#3	13.8	1	0	2	28	4.1	14.5	0	1.04	1.04	70111
72821	HEMPH PF	34.5	1	0	-2	14	0	0	0	1.02	1.0367	
70639	HGATE VL	46	1	0	-2	1.2	0	0.5	0	1.02	1.0554	
70547	HIGHGATE	115	1	0	2	0	126	140	-140	1.0045	1.0045	
71768	HOLYOKE	115	1	1	-2	2	1	1	1	1	1.0154	
71692	HUDSONDG	4.16	6	0	2	17	5.9	9.8	-9.8	1	1	
70548	HYDEVILLE	46	1	0	-2	1.3	-0.2	0.3	-0.2	0.9915	0.995	
70410	HYDRO KN	4.16	1	1	-2	5	0	0	0	1	1.0423	
72528	INDCK PF	13.8	1	0	-2	17.4	12.4	12.4	-12.4	1.02	1.0176	72398
70359	IP RILEY	2.4	1	0	-2	11	-0.8	-0.8	-0.8	1	1.0243	
70420	J/MILL A	13.8	1	0	-2	30	20	20	20	1	1.012	
70421	J/MILL B	13.8	5	0	-2	16.6	26.8	26.8	26.8	1	1.0133	
70432	J/MILL C	13.8	3	0	-2	26.8	16.4	16.4	16.4	1	1.0052	
72812	JACKMAN	34.5	1	0	-2	2.5	0	0	0	1.029	1.0408	
70373	JAY/LIVR	13.8	2	0	-2	6	0	0	0	1	0.9916	
71123	KENDALL	13.8	3	0	2	63	5.8	32.3	0	1.025	1.025	
70484	KENTCHPF	13.8	1	0	-2	17	9	9	-9	1.03	1.0012	70470
71124	KND JETS	13.8	2	0	2	36.4	0.5	5.2	0	1.025	1.025	
72918	L NATION	34.5	1	0	-2	13	0	0	0	1.03	1.0181	
73565	LAKERD#1	21	1	0	2	280	69.8	174	-90	1.035	1.035	73119
73566	LAKERD#2	21	1	0	2	280	69.8	174	-90	1.035	1.035	73119
73567	LAKERD#3	21	1	0	2	280	69.8	174	-90	1.035	1.035	73119
70147	LAKEWOOD	115	1	0	-2	6.8	3.6	3.6	0	1.022	1.0146	
72664	LANDFILL	4.16	1	0	2	12	1.4	6	0	1.031	1.031	
72061	LAWHYD 4	23	1	0	-2	7.4	0	7	0	1	1.0134	
72059	LENERG1	13.8	1	0	-2	50	5.8	5.8	0	1.02	1.0194	71972
72060	LENERG2	13.8	1	0	-2	20	0	0	0	1.02	1.0194	71972
70104	LEW LWR	115	1	0	-2	13.8	-3	3	-3	1.025	1.0389	
73276	LISBN PF	115	1	0	-2	13.5	3	3	0	1	0.9886	
70129	LOUDEN	115	1	0	-2	6.9	0	0	0	1.025	1.0319	
70443	LOWFL PH	34.5	1	0	-2	0.9	0	0	0	1	1.0081	
70177	LWSTN GN	115	1	0	-2	1.7	0	0	0	1.025	1.0389	
72685	MADSN G1	13.2	1	0	-2	-6.1	3	3	3	1	1.0344	
72686	MADSN G2	13.2	1	0	-2	-6.4	3	3	3	1	1.0339	
72687	MADSN G3	13.2	1	0	-2	-3.3	1	1	1	1	1.0134	
72683	MADSN UP	13.8	1	0	-2	1.6	0.3	0.3	0.3	1	1.0089	
72661	MANCH09A	13.8	1	0	-2	119	35	35	-32	1.035	1.0292	72569
72662	MANCH10A	13.8	1	0	-2	119	35	35	-32	1.035	1.0292	72569
72663	MANCH11A	13.8	1	0	-2	119	35	35	-32	1.035	1.0292	72569
73069	MAPR1 PF	13.8	1	0	-2	56	47	47	-32	1.035	1.0292	72980
70685	MARSHFLD	34.5	1	0	-2	3.5	0	0.2	0	1	1.0074	
70706	MCNEIL G	13.8	1	0	-2	51	9	9	-5	1.015	1.005	
70556	MENDN TP	46	1	0	-2	2.6	0	0.6	0	0.9919	0.9948	
70179	MERC GN	115	1	0	-2	17.5	5	5	0	1.05	1.0431	
73588	MERIDEN1	21	1	0	2	195	68.1	130	-30	1.03	1.03	73122
73589	MERIDEN2	21	1	0	2	195	68.1	130	-30	1.03	1.03	73122
73590	MERIDEN3	21	1	0	2	196	68.1	130	-30	1.03	1.03	73122
72866	MERMK G1	14.4	1	0	2	112.5	26.1	53	-10	1.035	1.035	72734

New England Generation for Dispatch 10C (NE-NY 700 MW) ESB Series Cases

Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
72867	MERMK G2	24	1	0	2	320	74.2	150	-30	1.035	1.035	72734
73564	MIDD#10J	13.2	1	0	-2	17	2	2	2	1	0.9766	
70565	MIDDB HY	46	1	0	-2	3.2	0.3	0.3	0	0.999	0.9765	
73555	MIDDTN#2	13.8	1	0	2	117	35.6	54	-20	1.026	1.026	73241
73556	MIDDTN#3	22	1	0	2	233	35.6	87	-37	1.026	1.026	73241
73557	MIDDTN#4	22	1	0	-2	400	200	200	-90	1.034	1.0298	73107
70677	MIDSX 34	34.5	1	0	-2	1.4	0	0.8	0	1.02	1.0271	
73574	MILFD#1	13.8	1	0	-2	280	150	150	-40	1.026	1.0249	73125
73562	MILL#2	24	1	0	2	860	149.1	420	0	1.035	1.035	73110
73563	MILL#3	24	1	0	2	1140	149.1	520	0	1.035	1.035	73110
72243	MILLENCT	16	1	0	2	273	46.6	125	-90	1.0174	1.0174	72117
72244	MILLENST	13.8	1	0	2	117	20.9	62	-44	1.0174	1.0174	72117
70616	MILTON	34.5	1	0	-2	10	0	0	0	1	0.9912	
72801	MINEF PH	34.5	1	0	-2	1	0	0	0	1.035	1.0257	
70061	MIS GT2	18	1	0	2	150	100.9	103.2	-76.8	1.0527	1.0527	70028
72865	MK CT	13.2	2	0	-2	30	0	0	0	1	0.9882	
73075	MONTAGUE	13.8	1	0	-2	4	1	1	1	1.044	1.0447	
73558	MONTV#5	13.8	1	0	2	81	20.4	27	0	1.035	1.035	73109
73559	MONTV#6	22	1	0	2	402	103.9	200	-60	1.035	1.035	73109
71861	MOORE G1	13.8	1	0	2	40	-3	16	-10	1.0435	1.0435	71823
71862	MOORE G2	13.8	1	0	2	33	-3	16	-10	1.0435	1.0435	71823
71863	MOORE G3	13.8	1	0	2	33	13.4	16	-10	1.0435	1.0435	71824
71864	MOORE G4	13.8	1	0	2	33	13.4	16	-10	1.0435	1.0435	71824
70686	MORRSVL3	34.5	1	0	-2	1.8	0.3	0.3	0	1.0419	1.0055	
72373	MPLP 1PF	13.8	1	0	-2	80	53	53	-36	1.02	0.9966	72250
72374	MPLP 2PF	13.8	1	0	-2	44	27	27	-21	1.02	0.9966	72250
71067	MYS8 GTS	16	2	0	2	554	149.4	512	-180	1.043	1.043	70759
71061	MYST 5G	18	1	0	2	128.6	97.5	108	-75	1.035	1.035	70818
71060	MYST G4	18	1	0	2	133.4	97.5	108	-75	1.035	1.035	70818
71062	MYST G6	18	1	0	2	135.9	97.5	104	-75	1.035	1.035	70818
71063	MYST G7	22	1	0	2	565	149.4	335	-150	1.043	1.043	70759
71074	N.BOST 2	22	1	0	-2	380	230	230	-50	1.035	1.034	70837
71084	NEA GTPF	13.8	1	0	-2	84.7	40	40	0	1.038	1.0366	70774
71085	NEA GTPF	13.8	1	0	-2	84.7	40	40	0	1.038	1.0366	70774
71086	NEA STPF	13.8	1	0	-2	80	55	55	0	1.038	1.0366	70774
70010	NEW_G1	18	1	0	2	169	24.9	105	0	1.035	1.035	72692
70011	NEW_G2	18	1	0	2	169	24.9	105	0	1.035	1.035	72692
70012	NEW_G3	18	1	0	2	195	24.9	120	0	1.035	1.035	72692
73651	NH HARBR	22	1	0	2	447	41.4	175	0	1.035	1.035	73668
73665	NHHHVDCL	192	1	0	-2	-351.5	72	72	-72	1.03	1.02	73664
73083	NRTHFD12	13.8	2	0	-2	540	160	160	-80	1.041	1.0399	72926
73084	NRTHFD34	13.8	2	0	-2	540	160	160	-80	1.041	1.0399	72926
72868	NWNGT G1	24	1	0	2	422	24.9	180	-45	1.035	1.035	72692
71253	OBGEN	23	1	0	2	7.5	1	1.5	0	1	1	
72068	OG MARTN	23	1	0	-2	30	0	20	0	1	1.0216	
70694	OMYA	46	1	0	2	7.7	0.9	3	0	1	1	
73077	ORCHARD	13.8	1	0	-2	4	2	2	2	1.009	1.0078	
71531	OSP1 PF	13.8	1	0	-2	77	0	37.6	0	1.0289	1.0322	71338
71532	OSP2 PF	13.8	1	0	-2	77	0	37.6	0	1.0289	1.0322	71338
71533	OSP3 PF	13.8	1	0	-2	107.5	0	51.8	0	1.0289	1.0322	71338
71534	OSP4 PF	13.8	1	0	-2	77	0	37.6	0	1.0289	1.0322	71338

New England Generation for Dispatch 10C (NE-NY 700 MW) ESB Series Cases

Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
70431	OTIS GEN	4.16	2	0	-2	8	1	1	1	1	1.0348	
72847	PINET PF	34.5	1	0	-2	15	0	0	0	1.03	0.9926	
71094	PLGRM G1	22.8	1	0	2	670	177.7	340	-100	1.038	1.038	70783
72760	POTOK PH	115	1	0	-2	7.8	0	0	0	1.03	1.023	
71719	POTTER	115	2	0	2	89	9.1	42	-10	1.017	1.017	
70690	PROCTP	46	1	0	-2	3	0.1	0.1	0	1.0002	0.9982	
73076	PROSPECT	13.8	1	0	-2	26	7	7	7	1.043	1.0466	
71125	PUTNAM	13.8	1	2	-2	13.5	0	2	0	1	1.029	
70594	QUECHE T	46	1	0	-2	1.5	0	0.7	0	0.9838	0.9903	
71945	RESCO	13.8	1	0	-2	29.9	20	20	-10	1.026	1.0218	71889
72063	RES-NAND	23	1	0	2	31.8	-4.6	15	-15	1.01	1.01	
73280	RKRIV PF	115	1	0	-2	2.6	0	0	0	0.974	1.0199	
73541	ROCK RIV	13.8	1	0	-2	25	0	10	0	0.974	1.0199	73190
70101	RUMFRDGN	115	1	0	-2	6	-0.5	0.5	-0.5	1	1.0199	
70627	RYGTE 34	34.5	1	0	-2	3.5	0.3	0.3	0	1.0364	1.0206	
71946	SALEM G1	14.4	1	0	2	79	9.7	32	-23	1.035	1.035	71891
71947	SALEM G2	14.4	1	0	2	78	9.7	29	-8	1.035	1.035	71891
71948	SALEM G3	14.4	1	0	2	143	19.4	50	-37	1.035	1.035	71891
71949	SALEM G4	22	1	0	2	400	58.2	275	-160	1.035	1.035	71891
70563	SALISBRY	46	1	0	-2	0.2	0.3	0.3	0	0.989	0.9849	
73352	SANDH DB	0.48	1	0	2	0	2.5	8	-8	1.043	1.043	73375
73353	SANDH DC	0.48	1	0	2	0	2.5	8	-8	1.043	1.043	73375
70162	SANFORD	115	1	0	-2	0.9	0.8	0.8	0	1.013	0.9904	
72869	SBRK G1	25	1	0	2	1150	274.7	550	-90	1.035	1.035	72694
72870	SCHILLER	13.8	1	0	-2	47.5	25	25	-2	1.035	1.015	72745
72871	SCHILLER	13.8	1	0	-2	49.6	25	25	-2	1.035	1.015	72745
72872	SCHILLER	13.8	1	0	-2	48	25	25	-2	1.035	1.015	72745
73616	SCRRA PF	69	1	0	-2	13.2	0	4	0	1	1.007	
70417	SDW #8GN	11	2	0	-2	7	0	0	0	1	0.9921	
70418	SDW #9GN	13.8	1	0	-2	45	10	10	10	1	1.0122	
70419	SDW#10GN	13.8	1	0	-2	14	4	4	4	1	1.0132	
70372	SEA STRN	13.8	1	0	2	48	-1	25	-22	1.03	1.03	70169
72519	SEARSBUR	2.4	1	0	-2	5	0	2	0	1	1.0187	72413
71189	SEM2PF	13.8	1	0	2	22.5	2.8	10	-2	1.0285	1.0285	
71188	SEMASSPF	13.8	1	0	-2	47.7	15	15	-5	1.0285	1.0158	71154
70445	SES PF	34.5	1	0	-2	12.2	0	0	0	1	1.0079	
73341	SHEPAUG	69	1	0	-2	32	8	8	8	1	1.0199	
72520	SHERMAN1	2.4	1	0	-2	5	-1	2	-1	1	1.0174	72401
71681	SHRWS DG	13.8	1	0	2	10	5.7	6.9	-6.9	1	1	
70564	SILVERLK	46	1	0	-2	1.5	0.8	0.8	0	1	0.9979	
70638	SJOHN 34	34.5	1	0	-2	1.1	0	0.1	0	1	1.0018	
73546	SMEAD PF	23	2	0	2	13	1.3	4	0	1.03	1.03	
72758	SMITH HY	115	1	0	-2	9	0	0	0	1.03	1.0187	
71522	SOM G6	14	1	0	-2	70	0	86	0	1.0087	1.0117	71377
73082	SPGFD PF	13.8	1	0	-2	6	0	2	0	1	1.0191	
70127	SPRNG GN	115	1	0	-2	11	0	0	0	1.035	1.0488	
72933	STNYBK 1	13.8	1	0	2	87	13.1	30	-8	1.043	1.043	
72930	STNYBK1A	13.8	1	0	2	65	11.9	30	-8	1.043	1.043	
72931	STNYBK1B	13.8	1	0	2	65	11.9	30	-8	1.043	1.043	
72932	STNYBK1C	13.8	1	0	2	65	11.9	30	-8	1.043	1.043	
72934	STNYBK2A	13.8	1	0	2	65	11.9	30	-8	1.043	1.043	

New England Generation for Dispatch 10C (NE-NY 700 MW) ESB Series Cases

Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
72935	STNYBK2B	13.8	1	0	2	65	11.9	30	-8	1.043	1.043	
72810	SUNCK PH	34.5	1	0	-2	1	0	0	0	1	1.0089	
70588	TAFTS 46	46	1	0	-2	0.2	0	0.2	0	0.973	0.9833	
72756	TAMW PF	115	1	0	-2	20	0	0	0	1.03	0.9951	
71743	TAU 9A,8	13.8	1	1	-2	25	16	16	0	1.0261	1.0194	71739
71744	TAUNT G9	13.8	1	0	-2	85	52	52	0	1.0261	1.0194	71739
72842	TILTN PH	34.5	1	0	-2	0.9	0	0	0	1.03	1.001	
72669	TIVER G1	18	1	0	2	189	30.5	125	-60	1.02	1.02	72590
72670	TIVER G2	13.8	1	0	2	92	15.9	48	-40	1.02	1.02	72590
70222	TOPSHAM	34.5	1	0	2	3.3	-0.1	2.5	-2.5	1.04	1.04	
70223	TOPSHMGN	34.5	2	0	-2	13	0	0	0	1.04	1.0399	
73617	TUNNEL	69	1	0	-2	17	0	3	0	1	1.0017	
72822	TURKY PF	34.5	1	0	-2	2	0	0	0	1	1.0202	
70448	UPFLS PH	34.5	1	0	-2	0.7	0	0	0	1	1.0059	
70728	VERGE 34	34.5	1	0	-2	1	0	0.3	0	1	1.0176	
72521	VERNON G	2.4	4	0	2	8	3.1	6	-6	1	1	72420
72525	VERNON22	2.4	2	0	2	5	1.5	3	-3	1	1	72420
72522	VERNONT1	13.8	1	0	2	4	1.3	2.5	-2.5	1	1	72420
72523	VERNONT2	13.8	1	0	2	4	1.3	2.5	-2.5	1	1	72420
70705	VTYAK G	22	1	0	2	563	94.3	150	-100	1.043	1.043	70486
70160	W.BUXTON	115	1	0	-2	2.3	0	0	0	1.025	1.0252	
73081	W.SPRING	13.8	1	0	-2	15	0	0	0	1.017	1.022	72961
70422	WARRN G1	13.8	1	0	-2	50.5	15	15	15	1	1.0411	
70423	WARRN G2	13.8	1	0	-2	45	11	11	11	1	1.0443	
71613	WATRS RV	13.8	1	0	-2	45.9	0	17	0	1	1.0024	
70386	WBK G1	18	1	0	2	184	28.6	46.6	-50	1.04	1.04	
70387	WBK G2	18	1	0	2	184	28.6	46.6	-50	1.04	1.04	
70388	WBK G3	18	1	0	2	195	30.7	50	-50	1.04	1.04	
70575	WELLSRVR	46	1	0	-2	0.3	0.1	0.1	0	1.0003	0.9712	
70365	WF WY #1	13.8	1	0	2	57	5.5	14	-14	1.05	1.05	70128
70366	WF WY #2	13.8	1	0	2	57	5.5	14	-14	1.05	1.05	70128
70367	WF WY #3	14.4	1	0	2	125	11	55	-44	1.05	1.05	70128
70368	WF WY #4	22	1	0	2	105	17.3	242	-209	1.05	1.05	70088
72843	WHFDA PF	34.5	1	0	-2	13.8	0	0	0	1.03	1.0177	
72242	WHLBRATR	13.8	1	0	-2	39.4	27.5	27.5	0	1	0.9884	72098
72813	WHOPK PF	34.5	1	0	-2	9	0	0	0	1	1.0093	
71866	WILDER	13.8	3	0	-2	36	13	13	-13	1	0.997	71834
70363	WILLM #1	6.9	1	0	2	4	1	1.9	1	1.03	1.03	
70364	WILLM #2	6.9	1	0	-2	3	1	1.3	1	1.03	1.0326	
70330	WINSLOW	34.5	1	3	-2	6.8	0	0	0	1.03	1.0399	
72873	WL JET	13.8	1	0	-2	18	0	0	0	1.025	1.0008	
73631	WLNGF PF	115	1	0	-2	6.4	0	3	0	1	1.0291	
73459	WNSRSLK	27.6	1	0	-2	8	2	2	2	1	1.0339	
72956	WOODLAND	115	1	0	-2	17	2	2	2	1	1.0172	
73080	WSPFLD 3	13.8	1	0	2	107	19.4	52	-37	1.022	1.022	72961
70361	WYMAN #2	13.8	1	0	-2	21	0	11.6	0	1.02	1.0234	70113
70362	WYMAN #3	13.8	1	0	-2	20	0	11.6	0	1.02	1.0234	70113

NE Generation Changes from Dispatch 10C to Dispatch 11C (ESB Series Cases)										
Number	Name	BasVlt	Dispatch 10C		Dispatch 11C		Change			
			MW	MVAR	MW	MVAR	MW	%	MVAR	%
70010	NEW_G1	18	169	24.9	0	0	-169	100	-24.9	100
70011	NEW_G2	18	169	24.9	0	0	-169	100	-24.9	100
70012	NEW_G3	18	195	24.9	0	0	-195	100	-24.9	100
70368	WF WY #4	22	105	17.3	102.5	19	-2.6	2.4	1.7	9.7
70911	EDG ST1	18	305	15.3	290.8	15.7	-14.2	4.7	0.4	2.8
71095	ANPBLCK1	21	290	114.3	0	0	-290	100	-114.3	100
72513	BRSWP G2	13.8	294	38.4	0	0	-294	100	-38.4	100
73575	MILFD#2	13.8	0	0	280	86.7	280	999.9	86.7	999.9
73594	WALL LV1	13.8	0	0	102	11.9	102	999.9	11.9	999.9
73595	WALL LV2	13.8	0	0	102	11.9	102	999.9	11.9	999.9
73596	WALL LV3	13.8	0	0	51	8.6	51	999.9	8.6	999.9
73652	BE 11	16	0	0	170	43.9	170	999.9	43.9	999.9
73653	BE 12	16	0	0	170	43.9	170	999.9	43.9	999.9
73654	BE 10 ST	16	0	0	180	43.9	180	999.9	43.9	999.9

NE Generation Changes from Dispatch 10C to Dispatch 12C (ESB Series Cases)										
Number	Name	BasVlt	Dispatch 10C		Dispatch 12C		Change			
			MW	MVAR	MW	MVAR	MW	%	MVAR	%
70010	NEW_G1	18	169	24.9	0	0	-169	100	-24.9	100
70011	NEW_G2	18	169	24.9	0	0	-169	100	-24.9	100
70012	NEW_G3	18	195	24.9	0	0	-195	100	-24.9	100
70368	WF WY #4	22	105	17.3	76.8	26.9	-28.2	26.9	9.6	55.4
70911	EDG ST1	18	305	15.3	282	16.5	-23	7.5	1.2	8.1
71095	ANPBLCK1	21	290	114.3	0	0	-290	100	-114.3	100
72513	BRSWP G2	13.8	294	38.4	0	0	-294	100	-38.4	100
72867	MERMK G2	24	320	74.2	0	0	-320	100	-74.2	100
73551	NORHAR#1	18	0	0	161	-28.6	161	999.9	-28.6	999.9
73552	NORHAR#2	20	0	0	168	-28.6	168	999.9	-28.6	999.9
73575	MILFD#2	13.8	0	0	280	83.6	280	999.9	83.6	999.9
73594	WALL LV1	13.8	0	0	102	11.4	102	999.9	11.4	999.9
73595	WALL LV2	13.8	0	0	102	11.4	102	999.9	11.4	999.9
73596	WALL LV3	13.8	0	0	51	8.2	51	999.9	8.2	999.9
73652	BE 11	16	0	0	170	40.1	170	999.9	40.1	999.9
73653	BE 12	16	0	0	170	40.1	170	999.9	40.1	999.9
73654	BE 10 ST	16	0	0	180	40.1	180	999.9	40.1	999.9

NE Generation Changes from Dispatch 10C to Dispatch 13C (ESB Series Cases)										
Number	Name	BasVlt	Dispatch 10C		Dispatch 13C		Change			
			MW	MVAR	MW	MVAR	MW	%	MVAR	%
70368	WF WY #4	22	105	17.3	258	26.7	152.9	145.6	9.4	54.2
70911	EDG ST1	18	305	15.3	308	15.5	3	1	0.2	1
73551	NORHAR#1	18	0	0	161	-21.7	161	999.9	-21.7	999.9
73552	NORHAR#2	20	0	0	168	-21.7	168	999.9	-21.7	999.9
73553	DEVON#7	13.8	106	24.7	0	0	-106	100	-24.7	100
73554	DEVON#8	13.8	106	24.7	0	0	-106	100	-24.7	100
73574	MILFD#1	13.8	280	150	0	0	-280	100	-150	100

SWCT Transmission Expansion:
East Shore to Norwalk with Reconductored 387 Line (2x954) Looped into Beseck
Transmission Loading and Voltage Analysis, NE-NY ± 700 MW and 0 MW

Dispatches 18C – 21C

New England Generation for Dispatch 18C (NY-NE 700 MW) ESB Series Cases

Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
72689	ABENAKI	4.16	4	0	-2	5.4	-0.5	-0.5	-0.5	1	1.0125	
70377	AEC G1	13.8	1	0	2	52.5	7.5	37	-26.5	1.04	1.04	
70378	AEC G2	13.8	1	0	2	52.5	7.5	37	-26.5	1.04	1.04	
70379	AEC G3	13.8	1	0	2	52.5	7.5	37	-26.5	1.04	1.04	
70370	AEI GEN	13.8	1	0	-2	36	3	3	3	1.03	1.0256	
73538	AESTH PF	20	1	0	2	180	30.3	80	0	1.035	1.035	73109
72962	AGAWM PF	115	1	0	-2	1.6	0	0	0	1	1.0215	
73072	ALT12 PF	13.8	2	0	2	65	18	26	0	1.035	1.035	72983
73073	ALT34 PF	13.8	2	0	2	80.5	18	33	0	1.035	1.035	72983
71095	ANPBLCK1	21	1	0	-2	290	150	150	-100	1.038	1.0346	70785
72688	ANSON HY	4.16	3	2	-2	4.8	0	0	0	1	1.0099	
72840	AYERS	34.5	1	0	-2	3	0	0	0	1.03	1.0267	
73351	BATES DA	0.48	1	0	2	0	-3.4	8	-8	1.03	1.03	73378
70628	BAY 34.5	34.5	1	0	-2	2.5	0	0	0	1.014	0.9981	
70414	BC BUS 1	11.5	1	0	-2	6	0	0	0	1	1.0152	
70415	BC BUS 2	11.5	1	0	-2	6	0	0	0	1	1.0164	
70425	BC COGEN	13.8	1	0	-2	110	46	46	46	1	1.0156	
70413	BC U.H.1	11.5	1	0	-2	6	0	0	0	1	1.0183	
70412	BC U.H.2	11.5	1	1	-2	6	0	0	0	1	1.0236	
73188	BCNFL PF	115	3	0	-2	3.4	0	0	0	1	1.0006	
70689	BELDENS	46	1	0	-2	8.7	0	0	0	1	1.0352	
71854	BELWS G1	6.9	1	0	-2	10.6	5.8	5.8	-5.8	1	0.993	71832
71855	BELWS G2	6.9	1	0	-2	10.6	5.8	5.8	-5.8	1	0.993	71832
71856	BELWS G3	6.9	1	0	-2	10.6	5.8	5.8	-5.8	1	0.993	71832
72986	BERKPWR	13.8	1	0	2	305	32.3	150	-40	1.02	1.02	72977
70691	BOLTONFL	34.5	1	0	-2	2	0	2	0	1	1.0185	
72064	BOOTMIL	13.8	1	0	-2	7.2	0	10	0	1	1.0431	
72372	BP #1 GN	18	2	0	2	238	78.2	120	-37	1.0261	1.0261	72252
72375	BP #2 GN	18	2	0	2	241	78.2	117	-32	1.0261	1.0261	72252
72370	BP #3 GN	20	1	0	2	605	73.3	265	-225	1.0377	1.0377	71801
73648	BPTHBR#3	22	1	0	2	375	28.7	260	-160	1.026	1.026	73700
70577	BRDFRD T	46	1	0	-2	0.4	0	0.1	0	0.9567	1.014	
72830	BRDGA PF	34.5	1	0	-2	15	0	0	0	1.03	1.0227	
70451	BRIAR PH	34.5	1	0	-2	0.9	0	0	0	1	1.0077	
72512	BRSWP G1	13.8	1	0	2	294	59	145	-75	1.0174	1.0174	72385
72513	BRSWP G2	13.8	1	0	2	294	59	145	-75	1.0174	1.0174	72385
70389	BUCKS G4	18	1	0	2	191	71.5	120	-100	1.04	1.04	
73381	BULLS BR	27.6	1	0	-2	5	1	1	1	1	0.9955	
73078	CABOT A	6.9	1	0	-2	22.5	6	6	6	1	1.0302	
73079	CABOT B	6.9	1	0	-2	22.5	6	6	6	1	1.0302	
73203	CAMPV PH	115	2	0	-2	6	0	0	0	1	1.0161	
71251	CANAL G1	18	1	0	-2	566	239	239	0	1.04	1.0346	71193
71252	CANAL G2	18	1	0	-2	576	120	120	-50	1.04	1.0346	71193
73545	CAP D PF	13.8	2	0	-2	50	34	34	-8	1.009	1.0032	73279
70597	CAVDH 46	46	1	0	-2	0.4	0.2	0.2	-0.1	0.965	0.9573	
70350	CHAMP EF	7.2	6	0	-2	-19.2	-6	-6	-6	1	0.998	
70426	CHAMP G2	13.8	1	0	-2	15	6	6	6	1	0.976	
70424	CHAMP G3	13.8	1	0	-2	65	32	32	32	1	1.0455	
70017	CHESTER	115	3	0	-2	2.6	0	0	0	1.03	0.8814	
73006	COBLEMTN	69	1	0	-2	17	4	4	4	1	1.0171	
72665	COLFAX	13.8	2	0	2	63.8	-8.3	30	-19	1.01	1.01	

New England Generation for Dispatch 18C (NY-NE 700 MW) ESB Series Cases

Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
71857	COMRF G1	13.8	1	0	2	37.4	-5.3	13.7	-10	1.0435	1.0435	71817
71858	COMRF G2	13.8	1	0	2	37.4	-5.3	13.7	-10	1.0435	1.0435	71817
71859	COMRF G3	13.8	1	0	2	29	-5.3	13.7	-10	1.0435	1.0435	71817
71860	COMRF G4	13.8	1	0	2	29	-5.3	13.7	-10	1.0435	1.0435	71817
72065	CPCLOWEL	23	1	0	-2	23.8	0	13	0	1	1.0262	
73547	CRRA PF	11.5	1	0	-2	32	0	34	0	1	1.0464	
73548	CRRA PF	11.5	1	0	-2	32	0	34	0	1	1.0464	
73650	CRRRA PF	13.8	1	0	-2	57	30	30	-36	1	0.9762	
73074	CUMBRLND	13.8	1	0	-2	3	1	1	1	1.043	1.0438	
70692	DECKGEN	13.8	1	0	-2	20	2	2	0	1	0.9932	
73765	DERBY PH	13.8	1	0	2	7	1.2	2	0	1.03	1.03	
73553	DEVON#7	13.8	1	0	2	106	20.9	47	-19	1.026	1.026	73195
73554	DEVON#8	13.8	1	0	2	106	20.9	47	-20	1.026	1.026	73195
73539	DEXTR PF	13.8	2	0	2	38	6.4	33	-13	1	1	
72957	DOREEN	115	1	0	-2	17	2	2	2	1	1.0313	
71316	DPA PF	13.8	2	0	-2	62.8	25	25	-10	1.025	1.0109	71279
72514	DRFLD 2G	2.4	3	0	-2	1.6	3	3	-3	1	0.9993	72435
72515	DRFLD 3G	2.4	3	0	-2	1.6	3	3	-3	1	0.9999	72436
72517	DRFLD 5G	13.8	2	0	-2	5	-1	4	-1	1	1.0218	72411
72833	EASTMAN	34.5	2	0	-2	2	0	0	0	1.03	1.0138	
70738	EAVE	13.8	1	0	-2	4.5	0	0	0	0.9979	1.0011	
72808	EDDY B	34.5	1	0	-2	14.5	0	0	0	1.03	1.0196	
70019	ELLSWRTH	115	2	0	-2	0.4	0	0	0	1.03	0.986	
71394	EMI_GEN	22	1	0	2	185	17.1	80	0	1.02	1.02	71380
72846	ERROL PH	34.5	1	0	-2	2.7	0	0	0	1.03	1.001	
70736	ESSEX	34.5	1	0	-2	1	0.3	0.3	0	1.02	1.0106	
70712	ESSEX 19	34.5	1	0	-2	3.5	0	0.5	0	1	1.0107	
70693	ESX-STAT	3.2	1	0	2	0	15.9	75	-75	1.01	1.01	70512
73281	EXETR PF	115	1	0	-2	26	24	24	-8	1	0.9849	
70629	FAIR FLS	34.5	1	0	-2	1.9	0	0.6	0	1.025	1.0285	
73542	FALLS V	6.9	1	0	-2	7	2	2	2	0.96	0.9729	73336
72834	FKLIN PH	34.5	1	0	-2	0.7	0	0	0	1.03	1.0125	
73536	FORST PF	13.8	1	0	2	13	0.5	4	0	1.03	1.03	
72666	FRSQ SC1	11.5	1	0	2	42.6	-4.7	27	-5	0.9913	0.9913	
72667	FRSQ SC2	11.5	1	0	2	42.6	-4.8	27	-5	0.9913	0.9913	
72668	FRSQ SC3	11.5	1	0	2	42.3	-3.2	27	-5	0.9913	0.9913	
72807	GARVINS	34.5	1	1	-2	6	0	0	0	1.03	1.0259	
70561	GLN.HY T	46	1	0	-2	1.2	0.2	0.2	-0.1	0.9961	0.995	
73168	GLNBROOK	115	1	0	2	0	-64.9	150	-150	1.035	1.035	
70371	GORBELL	13.8	1	0	-2	16	4	4	0	1.05	1.0237	70123
70713	GORGE GN	34.5	1	0	-2	2.5	0.5	0.5	0	1.02	0.986	
72805	GREGG PH	34.5	1	0	-2	0.3	0	0	0	1.0315	1.026	
70157	GUILF GN	115	1	0	-2	20.4	0	0	0	1	1.0204	
70118	GULF ISL	115	1	0	-2	21.4	0	0	0	1.03	1.0424	
70672	HARDWICK	34.5	1	0	-2	1.6	0	0	0	1	1.004	
72518	HARR G1	6.9	1	0	-2	14	6	6	0	1.0174	1.0163	72397
72510	HARR G2	6.9	1	0	-2	14	6	6	0	1.0174	1.0163	72397
72511	HARR G3	6.9	1	0	-2	14	6	6	0	1.0174	1.0163	72397
70356	HARRIS#1	13.8	1	0	2	16	2.6	7.2	0	1.04	1.04	70111
70358	HARRIS#3	13.8	1	0	2	28	5.3	14.5	0	1.04	1.04	70111
72821	HEMPH PF	34.5	1	0	-2	14	0	0	0	1.02	1.0356	

New England Generation for Dispatch 18C (NY-NE 700 MW) ESB Series Cases

Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
70639	HGATE VL	46	1	0	-2	1.2	0	0.5	0	1.02	1.0554	
70547	HIGHGATE	115	1	0	2	0	126.2	140	-140	1.0045	1.0045	
71768	HOLYOKE	115	1	1	-2	2	1	1	1	1	1.0168	
71692	HUDSONDG	4.16	6	0	2	17	6.4	9.8	-9.8	1	1	
70548	HYDEVILLE	46	1	0	-2	1.3	-0.2	0.3	-0.2	0.9915	0.9957	
70410	HYDRO KN	4.16	1	1	-2	5	0	0	0	1	1.0387	
72528	INDCK PF	13.8	1	0	-2	17.4	12.4	12.4	-12.4	1.02	1.0125	72398
70359	IP RILEY	2.4	1	0	-2	11	-0.8	-0.8	-0.8	1	1.0243	
70420	J/MILL A	13.8	1	0	-2	30	20	20	20	1	1.0121	
70421	J/MILL B	13.8	5	0	-2	16.6	26.8	26.8	26.8	1	1.0134	
70432	J/MILL C	13.8	3	0	-2	26.8	16.4	16.4	16.4	1	1.0053	
72812	JACKMAN	34.5	1	0	-2	2.5	0	0	0	1.029	1.0362	
70373	JAY/LIVR	13.8	2	0	-2	6	0	0	0	1	0.9916	
71123	KENDALL	13.8	3	0	2	63	5.9	32.3	0	1.025	1.025	
70484	KENTCHPF	13.8	1	0	-2	17	9	9	-9	1.03	0.9934	70470
71124	KND JETS	13.8	2	0	2	36.4	0.5	5.2	0	1.025	1.025	
72918	L NATION	34.5	1	0	-2	13	0	0	0	1.03	1.0183	
73565	LAKERD#1	21	1	0	2	280	46.1	174	-90	1.035	1.035	73119
73566	LAKERD#2	21	1	0	2	280	46.1	174	-90	1.035	1.035	73119
73567	LAKERD#3	21	1	0	2	280	46.1	174	-90	1.035	1.035	73119
70147	LAKEWOOD	115	1	0	-2	6.8	3.6	3.6	0	1.022	1.0122	
72664	LANDFILL	4.16	1	0	2	12	1.4	6	0	1.031	1.031	
72061	LAWHYD 4	23	1	0	-2	7.4	0	7	0	1	1.0133	
72059	LENERG1	13.8	1	0	-2	50	5.8	5.8	0	1.02	1.0193	71972
72060	LENERG2	13.8	1	0	-2	20	0	0	0	1.02	1.0193	71972
70104	LEW LWR	115	1	0	-2	13.8	-3	3	-3	1.025	1.0382	
73276	LISBN PF	115	1	0	-2	13.5	3	3	0	1	0.9854	
70129	LOUDEN	115	1	0	-2	6.9	0	0	0	1.025	1.0329	
70443	LOWFL PH	34.5	1	0	-2	0.9	0	0	0	1	1.0094	
70177	LWSTN GN	115	1	0	-2	1.7	0	0	0	1.025	1.0382	
72685	MADSN G1	13.2	1	0	-2	-6.1	3	3	3	1	1.0333	
72686	MADSN G2	13.2	1	0	-2	-6.4	3	3	3	1	1.0328	
72687	MADSN G3	13.2	1	0	-2	-3.3	1	1	1	1	1.0123	
72683	MADSN UP	13.8	1	0	-2	1.6	0.3	0.3	0.3	1	1.0077	
72661	MANCH09A	13.8	1	0	-2	119	35	35	-32	1.035	1.0295	72569
72662	MANCH10A	13.8	1	0	-2	119	35	35	-32	1.035	1.0295	72569
72663	MANCH11A	13.8	1	0	-2	119	35	35	-32	1.035	1.0295	72569
73069	MAPR1 PF	13.8	1	0	-2	56	47	47	-32	1.035	1.0313	72980
70685	MARSHFLD	34.5	1	0	-2	3.5	0	0.2	0	1	1.0079	
70706	MCNEIL G	13.8	1	0	-2	51	9	9	-5	1.015	1.0049	
70556	MENDN TP	46	1	0	-2	2.6	0	0.6	0	0.9919	0.992	
70179	MERC GN	115	1	0	-2	17.5	5	5	0	1.05	1.044	
73588	MERIDEN1	21	1	0	2	195	25.2	130	-30	1.03	1.03	73122
73589	MERIDEN2	21	1	0	2	195	25.2	130	-30	1.03	1.03	73122
73590	MERIDEN3	21	1	0	2	196	25.2	130	-30	1.03	1.03	73122
72866	MERMK G1	14.4	1	0	2	112.5	25.1	53	-10	1.035	1.035	72734
72867	MERMK G2	24	1	0	2	320	71.5	150	-30	1.035	1.035	72734
73564	MIDD#10J	13.2	1	0	-2	17	2	2	2	1	0.9766	
70565	MIDDB HY	46	1	0	-2	3.2	0.3	0.3	0	0.999	0.9726	
73555	MIDDTN#2	13.8	1	0	2	117	31.6	54	-20	1.026	1.026	73241
73556	MIDDTN#3	22	1	0	2	233	31.6	87	-37	1.026	1.026	73241

New England Generation for Dispatch 18C (NY-NE 700 MW) ESB Series Cases

Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
73557	MIDDTN#4	22	1	0	-2	400	200	200	-90	1.034	1.0331	73107
70677	MIDSX 34	34.5	1	0	-2	1.4	0	0.8	0	1.02	1.0278	
73574	MILFD#1	13.8	1	0	-2	280	150	150	-40	1.026	1.0252	73125
73562	MILL#2	24	1	0	2	860	97	420	0	1.035	1.035	73110
73563	MILL#3	24	1	0	2	1140	97	520	0	1.035	1.035	73110
72243	MILLENCT	16	1	0	2	273	48.3	125	-90	1.0174	1.0174	72117
72244	MILLENST	13.8	1	0	2	117	21.7	62	-44	1.0174	1.0174	72117
70616	MILTON	34.5	1	0	-2	10	0	0	0	1	0.9915	
72801	MINEF PH	34.5	1	0	-2	1	0	0	0	1.035	1.0264	
72865	MK CT	13.2	2	0	-2	30	0	0	0	1	0.9882	
73075	MONTAGUE	13.8	1	0	-2	4	1	1	1	1.044	1.0394	
73558	MONTV#5	13.8	1	0	2	81	13.5	27	0	1.035	1.035	73109
73559	MONTV#6	22	1	0	2	402	68.4	200	-60	1.035	1.035	73109
71861	MOORE G1	13.8	1	0	2	40	-3	16	-10	1.0435	1.0435	71823
71862	MOORE G2	13.8	1	0	2	33	-3	16	-10	1.0435	1.0435	71823
71863	MOORE G3	13.8	1	0	2	33	13.2	16	-10	1.0435	1.0435	71824
71864	MOORE G4	13.8	1	0	2	33	13.2	16	-10	1.0435	1.0435	71824
70686	MORRSVL3	34.5	1	0	-2	1.8	0.3	0.3	0	1.0419	1.0063	
72373	MPLP 1PF	13.8	1	0	-2	80	53	53	-36	1.02	0.9952	72250
72374	MPLP 2PF	13.8	1	0	-2	44	27	27	-21	1.02	0.9952	72250
71067	MYS8 GTS	16	2	0	2	554	136.1	512	-180	1.043	1.043	70759
71061	MYST 5G	18	1	0	2	128.6	99	108	-75	1.035	1.035	70818
71060	MYST G4	18	1	0	2	133.4	99	108	-75	1.035	1.035	70818
71062	MYST G6	18	1	0	2	135.9	99	104	-75	1.035	1.035	70818
71063	MYST G7	22	1	0	2	565	136.1	335	-150	1.043	1.043	70759
71074	N.BOST 2	22	1	0	-2	380	230	230	-50	1.035	1.0338	70837
71084	NEA GTPF	13.8	1	0	-2	84.7	40	40	0	1.038	1.0336	70774
71085	NEA GTPF	13.8	1	0	-2	84.7	40	40	0	1.038	1.0336	70774
71086	NEA STPF	13.8	1	0	-2	80	55	55	0	1.038	1.0336	70774
70010	NEW_G1	18	1	0	2	169	23.5	105	0	1.035	1.035	72692
70011	NEW_G2	18	1	0	2	169	23.5	105	0	1.035	1.035	72692
70012	NEW_G3	18	1	0	2	195	23.5	120	0	1.035	1.035	72692
73651	NH HARBR	22	1	0	2	447	25.6	175	0	1.035	1.035	73668
73665	NHHHVDCL	192	1	0	-2	-351.5	72	72	-72	1.03	1.0211	73664
73083	NRTHFD12	13.8	2	0	2	540	146.5	160	-80	1.041	1.041	72926
73084	NRTHFD34	13.8	2	0	2	540	146.5	160	-80	1.041	1.041	72926
72868	NWNGT G1	24	1	0	2	422	23.5	180	-45	1.035	1.035	72692
71253	OGEN	23	1	0	2	7.5	1.1	1.5	0	1	1	
72068	OG MARTN	23	1	0	-2	30	0	20	0	1	1.0216	
70694	OMYA	46	1	0	2	7.7	2.3	3	0	1	1	
73077	ORCHARD	13.8	1	0	-2	4	2	2	2	1.009	1.0101	
71531	OSP1 PF	13.8	1	0	-2	77	0	37.6	0	1.0289	1.0313	71338
71532	OSP2 PF	13.8	1	0	-2	77	0	37.6	0	1.0289	1.0313	71338
71533	OSP3 PF	13.8	1	0	-2	107.5	0	51.8	0	1.0289	1.0313	71338
71534	OSP4 PF	13.8	1	0	-2	77	0	37.6	0	1.0289	1.0313	71338
70431	OTIS GEN	4.16	2	0	-2	8	1	1	1	1	1.0348	
72847	PINET PF	34.5	1	0	-2	15	0	0	0	1.03	0.9928	
71094	PLGRM G1	22.8	1	0	2	670	228	340	-100	1.038	1.038	70783
72760	POTOK PH	115	1	0	-2	7.8	0	0	0	1.03	1.0232	
71719	POTTER	115	2	0	-2	89	42	42	-10	1.017	1.0128	
70690	PROCTP	46	1	0	-2	3	0.1	0.1	0	1.0002	0.9979	

New England Generation for Dispatch 18C (NY-NE 700 MW) ESB Series Cases

Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
73076	PROSPECT	13.8	1	0	-2	26	7	7	7	1.043	1.0481	
71125	PUTNAM	13.8	1	2	-2	13.5	0	2	0	1	1.0289	
70594	QUECHE T	46	1	0	-2	1.5	0	0.7	0	0.9838	0.9871	
71945	RESCO	13.8	1	0	-2	29.9	20	20	-10	1.026	1.0217	71889
72063	RES-NAND	23	1	0	2	31.8	-4.5	15	-15	1.01	1.01	
73280	RKRIV PF	115	1	0	-2	2.6	0	0	0	0.974	1.0207	
73541	ROCK RIV	13.8	1	0	-2	25	0	10	0	0.974	1.0207	73190
70101	RUMFRDGN	115	1	0	-2	6	-0.5	0.5	-0.5	1	1.0203	
70627	RYGTE 34	34.5	1	0	-2	3.5	0.3	0.3	0	1.0364	1.0209	
71946	SALEM G1	14.4	1	0	2	79	9.8	32	-23	1.035	1.035	71891
71947	SALEM G2	14.4	1	0	2	78	9.8	29	-8	1.035	1.035	71891
71948	SALEM G3	14.4	1	0	2	143	19.7	50	-37	1.035	1.035	71891
71949	SALEM G4	22	1	0	2	400	59	275	-160	1.035	1.035	71891
70563	SALISBRY	46	1	0	-2	0.2	0.3	0.3	0	0.989	0.9806	
73352	SANDH DB	0.48	1	0	2	0	2.6	8	-8	1.043	1.043	73375
73353	SANDH DC	0.48	1	0	2	0	2.6	8	-8	1.043	1.043	73375
70162	SANFORD	115	1	0	-2	0.9	0.8	0.8	0	1.013	0.9916	
72869	SBRK G1	25	1	0	2	1150	279.2	550	-90	1.035	1.035	72694
72870	SCHILLER	13.8	1	0	-2	47.5	25	25	-2	1.035	1.0161	72745
72871	SCHILLER	13.8	1	0	-2	49.6	25	25	-2	1.035	1.0161	72745
72872	SCHILLER	13.8	1	0	-2	48	25	25	-2	1.035	1.0161	72745
73616	SCRRA PF	69	1	0	-2	13.2	0	4	0	1	1.0047	
70417	SDW #8GN	11	2	0	-2	7	0	0	0	1	0.992	
70418	SDW #9GN	13.8	1	0	-2	45	10	10	10	1	1.0121	
70419	SDW#10GN	13.8	1	0	-2	14	4	4	4	1	1.0131	
70372	SEA STRN	13.8	1	0	2	48	0.5	25	-22	1.03	1.03	70169
72519	SEARSBUR	2.4	1	0	-2	5	0	2	0	1	1.0163	72413
71189	SEM2PF	13.8	1	0	2	22.5	3	10	-2	1.0285	1.0285	
71188	SEMASSPF	13.8	1	0	-2	47.7	15	15	-5	1.0285	1.0147	71154
70445	SES PF	34.5	1	0	-2	12.2	0	0	0	1	1.0092	
73341	SHEPAUG	69	1	0	-2	32	8	8	8	1	1.0199	
72520	SHERMAN1	2.4	1	0	-2	5	-1	2	-1	1	1.016	72401
71681	SHRWS DG	13.8	1	0	-2	10	6.9	6.9	-6.9	1	0.9962	
70564	SILVERLK	46	1	0	-2	1.5	0.8	0.8	0	1	0.9933	
70638	SJOHN 34	34.5	1	0	-2	1.1	0	0.1	0	1	1.0018	
73546	SMEAD PF	23	2	0	-2	13	0	4	0	1.03	1.0347	
72758	SMITH HY	115	1	0	-2	9	0	0	0	1.03	1.0189	
71522	SOM G6	14	1	0	-2	70	0	86	0	1.0087	1.0113	71377
73082	SPGFD PF	13.8	1	0	-2	6	0	2	0	1	1.0191	
70127	SPRNG GN	115	1	0	-2	11	0	0	0	1.035	1.049	
72933	STNYBK 1	13.8	1	0	2	87	11.7	30	-8	1.043	1.043	
72930	STNYBK1A	13.8	1	0	2	65	10.6	30	-8	1.043	1.043	
72931	STNYBK1B	13.8	1	0	2	65	10.6	30	-8	1.043	1.043	
72932	STNYBK1C	13.8	1	0	2	65	10.6	30	-8	1.043	1.043	
72934	STNYBK2A	13.8	1	0	2	65	10.6	30	-8	1.043	1.043	
72935	STNYBK2B	13.8	1	0	2	65	10.6	30	-8	1.043	1.043	
72810	SUNCK PH	34.5	1	0	-2	1	0	0	0	1	1.0092	
70588	TAFTS 46	46	1	0	-2	0.2	0	0.2	0	0.973	0.98	
72756	TAMW PF	115	1	0	-2	20	0	0	0	1.03	0.9961	
71743	TAU 9A,8	13.8	1	1	-2	25	16	16	0	1.0261	1.0182	71739
71744	TAUNT G9	13.8	1	0	-2	85	52	52	0	1.0261	1.0182	71739

New England Generation for Dispatch 18C (NY-NE 700 MW) ESB Series Cases

Number	Name	BasVlt	Mc On	Mc Off	Typ	MW	MVAR	Qmax	Qmin	Vsched	Vactual	Remote Bus
72842	TILTN PH	34.5	1	0	-2	0.9	0	0	0	1.03	1.0028	
72669	TIVER G1	18	1	0	2	189	31.3	125	-60	1.02	1.02	72590
72670	TIVER G2	13.8	1	0	2	92	16.4	48	-40	1.02	1.02	72590
70222	TOPSHAM	34.5	1	0	2	3.3	0	2.5	-2.5	1.04	1.04	
70223	TOPSHMGN	34.5	2	0	-2	13	0	0	0	1.04	1.0399	
73617	TUNNEL	69	1	0	-2	17	3	3	0	1	0.9994	
72822	TURKY PF	34.5	1	0	-2	2	0	0	0	1	1.0215	
70448	UPFLS PH	34.5	1	0	-2	0.7	0	0	0	1	1.0071	
70728	VERGE 34	34.5	1	0	-2	1	0	0.3	0	1	1.0146	
72521	VERNON G	2.4	4	0	2	8	3.9	6	-6	1	1	72420
72525	VERNON22	2.4	2	0	2	5	1.9	3	-3	1	1	72420
72522	VERNONT1	13.8	1	0	2	4	1.6	2.5	-2.5	1	1	72420
72523	VERNONT2	13.8	1	0	2	4	1.6	2.5	-2.5	1	1	72420
70705	VTYAK G	22	1	0	2	563	75.8	150	-100	1.043	1.043	70486
70160	W.BUXTON	115	1	0	-2	2.3	0	0	0	1.025	1.0261	
73081	W.SPRING	13.8	1	0	-2	15	0	0	0	1.017	1.022	72961
70422	WARRN G1	13.8	1	0	-2	50.5	15	15	15	1	1.0384	
70423	WARRN G2	13.8	1	0	-2	45	11	11	11	1	1.0416	
71613	WATRS RV	13.8	1	0	-2	45.9	0	17	0	1	1.0024	
70386	WBK G1	18	1	0	2	184	28.3	46.6	-50	1.04	1.04	
70387	WBK G2	18	1	0	2	184	28.3	46.6	-50	1.04	1.04	
70388	WBK G3	18	1	0	2	195	30.4	50	-50	1.04	1.04	
70575	WELLSRVR	46	1	0	-2	0.3	0.1	0.1	0	1.0003	0.9714	
70365	WF WY #1	13.8	1	0	2	57	5.4	14	-14	1.05	1.05	70128
70366	WF WY #2	13.8	1	0	2	57	5.4	14	-14	1.05	1.05	70128
70367	WF WY #3	14.4	1	0	2	125	10.9	55	-44	1.05	1.05	70128
70368	WF WY #4	22	1	0	2	92	20.2	242	-209	1.05	1.05	70088
72843	WHFDA PF	34.5	1	0	-2	13.8	0	0	0	1.03	1.0179	
72242	WHLBRATR	13.8	1	0	-2	39.4	27.5	27.5	0	1	0.9824	72098
72813	WHOPK PF	34.5	1	0	-2	9	0	0	0	1	1.0045	
71866	WILDER	13.8	3	0	-2	36	13	13	-13	1	0.9946	71834
70363	WILLM #1	6.9	1	0	2	4	1.2	1.9	1	1.03	1.03	
70364	WILLM #2	6.9	1	0	-2	3	1	1.3	1	1.03	1.0307	
70330	WINSLOW	34.5	1	3	-2	6.8	0	0	0	1.03	1.0363	
72873	WL JET	13.8	1	0	-2	18	0	0	0	1.025	1.0019	
73631	WLNGF PF	115	1	0	-2	6.4	0	3	0	1	1.0302	
73459	WNSRSLK	27.6	1	0	-2	8	2	2	2	1	1.0388	
72956	WOODLAND	115	1	0	-2	17	2	2	2	1	1.0164	
73080	WSPFLD 3	13.8	1	0	2	107	12.9	52	-37	1.022	1.022	72961

NE Generation Changes from Dispatch 18C to Dispatch 19C (ESB Series Cases)										
Number	Name	BasVlt	Dispatch 18C		Dispatch 19C		Change			
			MW	MVAR	MW	MVAR	MW	%	MVAR	%
70010	NEW_G1	18	169	23.5	0	0	-169	100	-23.5	100
70011	NEW_G2	18	169	23.5	0	0	-169	100	-23.5	100
70012	NEW_G3	18	195	23.5	0	0	-195	100	-23.5	100
70368	WF WY #4	22	92	20.2	105	26.4	13	14.1	6.2	30.5
71095	ANPBLCK1	21	290	150	0	0	-290	100	-150	100
72513	BRSWP G2	13.8	294	59	0	0	-294	100	-59	100
73575	MILFD#2	13.8	0	0	280	84.1	280	999.9	84.1	999.9
73594	WALL LV1	13.8	0	0	102	11.4	102	999.9	11.4	999.9
73595	WALL LV2	13.8	0	0	102	11.4	102	999.9	11.4	999.9
73596	WALL LV3	13.8	0	0	51	8.2	51	999.9	8.2	999.9
73652	BE 11	16	0	0	170	42.6	170	999.9	42.6	999.9
73653	BE 12	16	0	0	170	42.6	170	999.9	42.6	999.9
73654	BE 10 ST	16	0	0	180	42.6	180	999.9	42.6	999.9

NE Generation Changes from Dispatch 18C to Dispatch 20C (ESB Series Cases)										
Number	Name	BasVlt	Dispatch 18C		Dispatch 20C		Change			
			MW	MVAR	MW	MVAR	MW	%	MVAR	%
70010	NEW_G1	18	169	23.5	0	0	-169	100	-23.5	100
70011	NEW_G2	18	169	23.5	0	0	-169	100	-23.5	100
70012	NEW_G3	18	195	23.5	0	0	-195	100	-23.5	100
70368	WF WY #4	22	92	20.2	85	35.2	-7	7.6	15	74.3
71095	ANPBLCK1	21	290	150	0	0	-290	100	-150	100
72513	BRSWP G2	13.8	294	59	0	0	-294	100	-59	100
72867	MERMK G2	24	320	71.5	0	0	-320	100	-71.5	100
73551	NORHAR#1	18	0	0	161	-31.5	161	999.9	-31.5	999.9
73552	NORHAR#2	20	0	0	168	-31.5	168	999.9	-31.5	999.9
73575	MILFD#2	13.8	0	0	280	79.6	280	999.9	79.6	999.9
73594	WALL LV1	13.8	0	0	102	11	102	999.9	11	999.9
73595	WALL LV2	13.8	0	0	102	11	102	999.9	11	999.9
73596	WALL LV3	13.8	0	0	51	7.7	51	999.9	7.7	999.9
73652	BE 11	16	0	0	170	38.1	170	999.9	38.1	999.9
73653	BE 12	16	0	0	170	38.1	170	999.9	38.1	999.9
73654	BE 10 ST	16	0	0	180	38.1	180	999.9	38.1	999.9

NE Generation Changes from Dispatch 18C to Dispatch 21C (ESB Series Cases)										
Number	Name	BasVlt	Dispatch 18C		Dispatch 21C		Change			
			MW	MVAR	MW	MVAR	MW	%	MVAR	%
70368	WF WY #4	22	92	20.2	235	24.9	143	155.4	4.7	23.2
73551	NORHAR#1	18	0	0	161	-22.8	161	999.9	-22.8	999.9
73552	NORHAR#2	20	0	0	168	-22.8	168	999.9	-22.8	999.9
73553	DEVON#7	13.8	106	20.9	0	0	-106	100	-20.9	100
73554	DEVON#8	13.8	106	20.9	0	0	-106	100	-20.9	100
73574	MILFD#1	13.8	280	150	0	0	-280	100	-150	100

Appendix E

Table of All Overloads

SWCT Generation Dispatch ID	Case or "Dispatch" Identifier, ESB Series Cases					
	NE – NY 0 MW		NE – NY 700 MW		NY – NE 700 MW	
	NHHS On-line	NHHS Off-Line	NHHS On-line	NHHS Off-Line	NHHS On-line	NHHS Off-Line
2	2C	6C	10C	14C	18C	22C
3	3C	7C	11C	15C	19C	23C
4	4C	8C	12C	16C	20C	24C
5	5C	9C	13C	17C	21C	25C

Total No. of Overloads and Highest Overload: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Assumes Beseck-EShore+Beseck-Meriden not tripped

Worst Overload for Each Branch

Sorted by branch and then by overload

OverLoad >= 30%
 10% < Over Load < 30%
 5% < Over Load < 10%
 OverLoad < 5%

From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73104 FRSTBDGE 345	73106 SOUTHGTN 345	1	LN	4	22.6	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73104 FRSTBDGE 345	73106 SOUTHGTN 345	1	LN	4	20.1	300	1460-387S-DCT	14C (ESB)	FIX	Recond	700	OFF
73104 FRSTBDGE 345	73106 SOUTHGTN 345	1	LN	4	9.1	300	1460-387S-DCT	9C (ESB)	FIX	Recond	0	OFF
73104 FRSTBDGE 345	73106 SOUTHGTN 345	1	LN	3	7.3	296	1460-387S-DCT	13C (ESB)	FIX	Recond	700	ON
73104 FRSTBDGE 345	73106 SOUTHGTN 345	1	LN	3	6.9	300	1460-387S-DCT	6C (ESB)	FIX	Recond	0	OFF
73104 FRSTBDGE 345	73106 SOUTHGTN 345	1	LN	3	5.3	296	1460-387S-DCT	10C (ESB)	FIX	Recond	700	ON
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	3	3.1	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	2	1.2	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	16.1	464	SGTN5TSTK	17C (ESB)	FIX	Recond	700	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	14.0	464	SGTN5TSTK	14C (ESB)	FIX	Recond	700	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	11.5	460	SGTN5TSTK	13C (ESB)	FIX	Recond	700	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	9.5	464	SGTN5TSTK	15C (ESB)	FIX	Recond	700	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	9.3	464	SGTN5TSTK	9C (ESB)	FIX	Recond	0	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	9.2	460	SGTN5TSTK	10C (ESB)	FIX	Recond	700	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	7.9	464	SGTN5TSTK	16C (ESB)	FIX	Recond	700	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	7.3	464	SGTN5TSTK	6C (ESB)	FIX	Recond	0	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	5.2	460	SGTN5TSTK	11C (ESB)	FIX	Recond	700	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	4.8	460	SGTN5TSTK	5C (ESB)	FIX	Recond	0	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	3.5	460	SGTN5TSTK	12C (ESB)	FIX	Recond	700	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	2.9	464	SGTN5TSTK	7C (ESB)	FIX	Recond	0	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	2.6	460	SGTN5TSTK	2C (ESB)	FIX	Recond	0	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	1.4	464	SGTN5TSTK	25C (ESB)	FIX	Recond	-700	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	1.2	464	SGTN5TSTK	8C (ESB)	FIX	Recond	0	OFF
73162 WATERSDE 115	73163 COS COB 115	1	LN	1	24.8	409	SOUTHEND6T	10C (ESB)	FIX	Recond	700	ON
73162 WATERSDE 115	73163 COS COB 115	1	LN	1	24.8	409	SOUTHEND6T	11C (ESB)	FIX	Recond	700	ON
73162 WATERSDE 115	73163 COS COB 115	1	LN	1	24.8	409	SOUTHEND6T	12C (ESB)	FIX	Recond	700	ON
73162 WATERSDE 115	73163 COS COB 115	1	LN	1	24.8	409	SOUTHEND6T	13C (ESB)	FIX	Recond	700	ON
73162 WATERSDE 115	73163 COS COB 115	1	LN	1	24.8	413	SOUTHEND6T	14C (ESB)	FIX	Recond	700	OFF
73162 WATERSDE 115	73163 COS COB 115	1	LN	1	24.8	413	SOUTHEND6T	15C (ESB)	FIX	Recond	700	OFF
73162 WATERSDE 115	73163 COS COB 115	1	LN	1	24.8	413	SOUTHEND6T	16C (ESB)	FIX	Recond	700	OFF
73162 WATERSDE 115	73163 COS COB 115	1	LN	1	24.8	413	SOUTHEND6T	17C (ESB)	FIX	Recond	700	OFF
73162 WATERSDE 115	73163 COS COB 115	1	LN	1	24.8	409	SOUTHEND6T	18C (ESB)	FIX	Recond	-700	ON
73162 WATERSDE 115	73163 COS COB 115	1	LN	1	24.8	409	SOUTHEND6T	19C (ESB)	FIX	Recond	-700	ON
73162 WATERSDE 115	73163 COS COB 115	1	LN	1	24.8	409	SOUTHEND6T	20C (ESB)	FIX	Recond	-700	ON
73162 WATERSDE 115	73163 COS COB 115	1	LN	1	24.8	409	SOUTHEND6T	21C (ESB)	FIX	Recond	-700	ON
73162 WATERSDE 115	73163 COS COB 115	1	LN	1	24.8	413	SOUTHEND6T	22C (ESB)	FIX	Recond	-700	OFF

Total No. of Overloads and Highest Overload: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Assumes Beseck-EShore+Beseck-Meriden not tripped

Worst Overload for Each Branch

Sorted by branch and then by overload

OverLoad >= 30%
10% < Over Load < 30%
5% < Over Load < 10%
OverLoad < 5%

From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	413	SOUTHEND6T	23C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	413	SOUTHEND6T	24C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	413	SOUTHEND6T	25C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	409	SOUTHEND6T	2C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	409	SOUTHEND6T	3C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	409	SOUTHEND6T	4C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	409	SOUTHEND6T	5C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	413	SOUTHEND6T	6C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	413	SOUTHEND6T	7C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	413	SOUTHEND6T	8C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	413	SOUTHEND6T	9C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	409	SOUTHEND6T	10C (ESB)	FIX	Recond	700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	409	SOUTHEND6T	11C (ESB)	FIX	Recond	700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	409	SOUTHEND6T	12C (ESB)	FIX	Recond	700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	409	SOUTHEND6T	13C (ESB)	FIX	Recond	700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	413	SOUTHEND6T	14C (ESB)	FIX	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	413	SOUTHEND6T	15C (ESB)	FIX	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	413	SOUTHEND6T	16C (ESB)	FIX	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	413	SOUTHEND6T	17C (ESB)	FIX	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	409	SOUTHEND6T	18C (ESB)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	409	SOUTHEND6T	19C (ESB)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	409	SOUTHEND6T	20C (ESB)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	409	SOUTHEND6T	21C (ESB)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	413	SOUTHEND6T	22C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	413	SOUTHEND6T	23C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	413	SOUTHEND6T	24C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	413	SOUTHEND6T	25C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	409	SOUTHEND6T	2C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	409	SOUTHEND6T	3C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	409	SOUTHEND6T	4C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	409	SOUTHEND6T	5C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	413	SOUTHEND6T	6C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	413	SOUTHEND6T	7C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	413	SOUTHEND6T	8C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	413	SOUTHEND6T	9C (ESB)	FIX	Recond	0	OFF		
73164 BALDWNJA 115 73187 STEVENSN 115 1	LN	3	4.3	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF		

Total No. of Overloads and Highest Overload: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

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Worst Overload for Each Branch

Sorted by branch and then by overload

OverLoad >= 30%
 10% < Over Load < 30%
 5% < Over Load < 10%
 OverLoad < 5%

From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73164 BALDWNJA 115 73187	STEVENS	115 1	LN	1	1.8	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73164 BALDWNJA 115 73202	FROST BR	115 1	LN	4	13.5	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF
73164 BALDWNJA 115 73202	FROST BR	115 1	LN	4	11.8	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73164 BALDWNJA 115 73202	FROST BR	115 1	LN	4	7.7	482	ESHrstuck_new	6C (ESB)	FIX	Recond	0	OFF
73164 BALDWNJA 115 73202	FROST BR	115 1	LN	4	4.5	482	ESHrstuck_new	9C (ESB)	FIX	Recond	0	OFF
73164 BALDWNJA 115 73202	FROST BR	115 1	LN	1	1.5	482	ESHrstuck_new	22C (ESB)	FIX	Recond	-700	OFF
73166 NORHR138 138 73171	NWLK HAR	115 1	TR	3	14.1	453	LONGMT5TSTK	25C (ESB)	FIX	Recond	-700	OFF
73166 NORHR138 138 73171	NWLK HAR	115 1	TR	3	9.3	449	LONGMT5TSTK	21C (ESB)	FIX	Recond	-700	ON
73166 NORHR138 138 73171	NWLK HAR	115 1	TR	1	4.0	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	258	1440-1450DCT	10C (ESB)	FIX	Recond	700	ON
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	258	1440-1450DCT	11C (ESB)	FIX	Recond	700	ON
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	258	1440-1450DCT	12C (ESB)	FIX	Recond	700	ON
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	258	1440-1450DCT	13C (ESB)	FIX	Recond	700	ON
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	262	1440-1450DCT	14C (ESB)	FIX	Recond	700	OFF
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	262	1440-1450DCT	15C (ESB)	FIX	Recond	700	OFF
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	262	1440-1450DCT	16C (ESB)	FIX	Recond	700	OFF
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	262	1440-1450DCT	17C (ESB)	FIX	Recond	700	OFF
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	258	1440-1450DCT	18C (ESB)	FIX	Recond	-700	ON
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	258	1440-1450DCT	19C (ESB)	FIX	Recond	-700	ON
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	258	1440-1450DCT	20C (ESB)	FIX	Recond	-700	ON
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	258	1440-1450DCT	21C (ESB)	FIX	Recond	-700	ON
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	262	1440-1450DCT	22C (ESB)	FIX	Recond	-700	OFF
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	262	1440-1450DCT	23C (ESB)	FIX	Recond	-700	OFF
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	262	1440-1450DCT	24C (ESB)	FIX	Recond	-700	OFF
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	262	1440-1450DCT	25C (ESB)	FIX	Recond	-700	OFF
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	258	1440-1450DCT	2C (ESB)	FIX	Recond	0	ON
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	258	1440-1450DCT	3C (ESB)	FIX	Recond	0	ON
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	258	1440-1450DCT	4C (ESB)	FIX	Recond	0	ON
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	258	1440-1450DCT	5C (ESB)	FIX	Recond	0	ON
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	262	1440-1450DCT	6C (ESB)	FIX	Recond	0	OFF
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	262	1440-1450DCT	7C (ESB)	FIX	Recond	0	OFF
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	262	1440-1450DCT	8C (ESB)	FIX	Recond	0	OFF
73167 SO.END 115 73294	GLNBRK J	115 1	LN	1	23.2	262	1440-1450DCT	9C (ESB)	FIX	Recond	0	OFF
73168 GLNBROOK 115 73169	RYTN J A	115 1	LN	1	3.8	294	1867-1890DCT	25C (ESB)	FIX	Recond	-700	OFF
73168 GLNBROOK 115 73169	RYTN J A	115 1	LN	1	3.3	294	1867-1890DCT	9C (ESB)	FIX	Recond	0	OFF
73168 GLNBROOK 115 73169	RYTN J A	115 1	LN	1	2.9	294	1867-1890DCT	17C (ESB)	FIX	Recond	700	OFF

Total No. of Overloads and Highest Overload: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Assumes Beseck-EShore+Beseck-Meriden not tripped

Worst Overload for Each Branch

Sorted by branch and then by overload

OverLoad >= 30%
 10% < Over Load < 30%
 5% < Over Load < 10%
 OverLoad < 5%

From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73168	GLNBROOK 115 73169	RYTN J A 115 1	LN	1	2.7	290	1867-1890DCT	21C (ESB)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73169	RYTN J A 115 1	LN	1	2.2	290	1867-1890DCT	5C (ESB)	FIX	Recond	0	ON
73168	GLNBROOK 115 73169	RYTN J A 115 1	LN	1	1.8	290	1867-1890DCT	13C (ESB)	FIX	Recond	700	ON
73168	GLNBROOK 115 73237	ELYAVE 115 1	LN	2	54.9	293	1867-1880DCT	25C (ESB)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73237	ELYAVE 115 1	LN	2	54.6	293	1867-1880DCT	9C (ESB)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73237	ELYAVE 115 1	LN	2	54.4	289	1867-1880DCT	21C (ESB)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73237	ELYAVE 115 1	LN	2	54.2	293	1867-1880DCT	17C (ESB)	FIX	Recond	700	OFF
73168	GLNBROOK 115 73237	ELYAVE 115 1	LN	2	54.0	289	1867-1880DCT	5C (ESB)	FIX	Recond	0	ON
73168	GLNBROOK 115 73237	ELYAVE 115 1	LN	2	53.8	289	1867-1880DCT	13C (ESB)	FIX	Recond	700	ON
73168	GLNBROOK 115 73237	ELYAVE 115 1	LN	3	51.8	293	1867-1880DCT	24C (ESB)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73237	ELYAVE 115 1	LN	3	51.5	293	1867-1880DCT	8C (ESB)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73237	ELYAVE 115 1	LN	3	51.3	289	1867-1880DCT	20C (ESB)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73237	ELYAVE 115 1	LN	3	51.2	293	1867-1880DCT	16C (ESB)	FIX	Recond	700	OFF
73168	GLNBROOK 115 73237	ELYAVE 115 1	LN	3	51.0	289	1867-1880DCT	4C (ESB)	FIX	Recond	0	ON
73168	GLNBROOK 115 73237	ELYAVE 115 1	LN	3	50.7	289	1867-1880DCT	12C (ESB)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	49.7	296	1880-1890DCT	25C (ESB)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	48.9	296	1880-1890DCT	9C (ESB)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	48.3	296	1880-1890DCT	17C (ESB)	FIX	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	48.1	292	1880-1890DCT	21C (ESB)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	47.4	292	1880-1890DCT	5C (ESB)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	46.8	292	1880-1890DCT	13C (ESB)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	40.5	296	1880-1890DCT	24C (ESB)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	39.7	296	1880-1890DCT	8C (ESB)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	39.2	292	1880-1890DCT	20C (ESB)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	39.1	296	1880-1890DCT	16C (ESB)	FIX	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	38.4	292	1880-1890DCT	4C (ESB)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	37.8	292	1880-1890DCT	12C (ESB)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	22.4	296	1880-1890DCT	22C (ESB)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	21.7	296	1880-1890DCT	6C (ESB)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	21.1	296	1880-1890DCT	14C (ESB)	FIX	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	20.7	292	1880-1890DCT	18C (ESB)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	20.0	292	1880-1890DCT	2C (ESB)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	19.4	292	1880-1890DCT	10C (ESB)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	18.5	296	1880-1890DCT	23C (ESB)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	17.8	296	1880-1890DCT	7C (ESB)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	17.2	296	1880-1890DCT	15C (ESB)	FIX	Recond	700	OFF

Total No. of Overloads and Highest Overload: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

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Worst Overload for Each Branch

Sorted by branch and then by overload

OverLoad >= 30%
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 OverLoad < 5%

From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	17.0	292	1880-1890DCT	19C (ESB)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	16.3	292	1880-1890DCT	3C (ESB)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	15.7	292	1880-1890DCT	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	44.1	290	1867-1890DCT	20C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	44.1	290	1867-1890DCT	4C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	44.0	290	1867-1890DCT	12C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	44.0	294	1867-1890DCT	24C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	44.0	294	1867-1890DCT	8C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.9	294	1867-1890DCT	16C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.7	294	1867-1890DCT	25C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.7	294	1867-1890DCT	9C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.6	290	1867-1890DCT	21C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.5	290	1867-1890DCT	13C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.5	294	1867-1890DCT	17C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.5	290	1867-1890DCT	5C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172	NORWALK 115 1	LN	41	86.1	259	1416-1867DCT	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	36	84.6	259	1416-1867DCT	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	34	83.5	259	1416-1867DCT	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	28	83.3	255	1416-1867DCT	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172	NORWALK 115 1	LN	28	82.1	255	1416-1867DCT	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172	NORWALK 115 1	LN	33	81.0	255	1416-1867DCT	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172	NORWALK 115 1	LN	27	79.8	259	1416-1867DCT	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	26	78.5	259	1416-1867DCT	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	28	77.7	259	1416-1867DCT	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	28	77.6	255	1416-1867DCT	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172	NORWALK 115 1	LN	25	76.3	255	1416-1867DCT	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172	NORWALK 115 1	LN	27	75.4	255	1416-1867DCT	11C (ESB)	FIX	Recond	700	ON
73170	PLUMTREE 115 73176	TRIANGLE 115 1	LN	3	84.9	431	TRIANGLE3T	22C (ESB)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73176	TRIANGLE 115 1	LN	3	84.0	431	TRIANGLE3T	17C (ESB)	FIX	Recond	700	OFF
73170	PLUMTREE 115 73176	TRIANGLE 115 1	LN	3	83.9	431	TRIANGLE3T	6C (ESB)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73176	TRIANGLE 115 1	LN	3	83.8	431	TRIANGLE3T	15C (ESB)	FIX	Recond	700	OFF
73170	PLUMTREE 115 73176	TRIANGLE 115 1	LN	3	83.8	431	TRIANGLE3T	9C (ESB)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73176	TRIANGLE 115 1	LN	3	83.6	431	TRIANGLE3T	25C (ESB)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73176	TRIANGLE 115 1	LN	3	83.5	431	TRIANGLE3T	14C (ESB)	FIX	Recond	700	OFF
73170	PLUMTREE 115 73176	TRIANGLE 115 1	LN	3	75.9	427	TRIANGLE3T	18C (ESB)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73176	TRIANGLE 115 1	LN	3	75.6	427	TRIANGLE3T	2C (ESB)	FIX	Recond	0	ON

Total No. of Overloads and Highest Overload: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Assumes Beseck-EShore+Beseck-Meriden not tripped

Worst Overload for Each Branch

Sorted by branch and then by overload

OverLoad >= 30%
 10% < Over Load < 30%
 5% < Over Load < 10%
 OverLoad < 5%

From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	75.4	431	TRIANGLE3T	23C (ESB)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	75.3	431	TRIANGLE3T	7C (ESB)	FIX	Recond	0	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	75.1	427	TRIANGLE3T	10C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	74.4	427	TRIANGLE3T	13C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	74.2	427	TRIANGLE3T	11C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	74.1	431	TRIANGLE3T	16C (ESB)	FIX	Recond	700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	74.1	427	TRIANGLE3T	5C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	74.0	427	TRIANGLE3T	19C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	74.0	427	TRIANGLE3T	21C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	74.0	427	TRIANGLE3T	3C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	73.4	427	TRIANGLE3T	12C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	73.1	431	TRIANGLE3T	8C (ESB)	FIX	Recond	0	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	72.4	427	TRIANGLE3T	4C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	72.1	431	TRIANGLE3T	24C (ESB)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	71.3	427	TRIANGLE3T	20C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	35.2	240	1060-1270DCT	15C (ESB)	FIX	Recond	700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	35.1	240	1060-1270DCT	16C (ESB)	FIX	Recond	700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	35.1	240	1060-1270DCT	23C (ESB)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	35.1	240	1060-1270DCT	7C (ESB)	FIX	Recond	0	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	35.0	236	1060-1270DCT	10C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	35.0	236	1060-1270DCT	11C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	35.0	236	1060-1270DCT	18C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	35.0	240	1060-1270DCT	22C (ESB)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	35.0	236	1060-1270DCT	2C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.9	236	1060-1270DCT	12C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.9	236	1060-1270DCT	13C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.9	240	1060-1270DCT	17C (ESB)	FIX	Recond	700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.9	236	1060-1270DCT	19C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.9	236	1060-1270DCT	3C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.9	240	1060-1270DCT	8C (ESB)	FIX	Recond	0	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.8	240	1060-1270DCT	14C (ESB)	FIX	Recond	700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.8	236	1060-1270DCT	21C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.8	240	1060-1270DCT	25C (ESB)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.8	236	1060-1270DCT	4C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.8	236	1060-1270DCT	5C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.8	240	1060-1270DCT	6C (ESB)	FIX	Recond	0	OFF		

Total No. of Overloads and Highest Overload: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Assumes Beseck-EShore+Beseck-Meriden not tripped

Worst Overload for Each Branch

Sorted by branch and then by overload

OverLoad >= 30%
 10% < Over Load < 30%
 5% < Over Load < 10%
 OverLoad < 5%

From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.8	240	1060-1270DCT	9C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.7	240	1060-1270DCT	24C (ESB)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.5	236	1060-1270DCT	20C (ESB)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	186.9	430	TRIANGLE2T	15C (ESB)	FIX	Recond	700	OFF	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	186.9	430	TRIANGLE2T	22C (ESB)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	186.7	430	TRIANGLE2T	17C (ESB)	FIX	Recond	700	OFF	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	186.6	430	TRIANGLE2T	6C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	186.6	430	TRIANGLE2T	9C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	186.5	430	TRIANGLE2T	14C (ESB)	FIX	Recond	700	OFF	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	186.5	430	TRIANGLE2T	25C (ESB)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.8	426	TRIANGLE2T	18C (ESB)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.7	430	TRIANGLE2T	23C (ESB)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.7	426	TRIANGLE2T	2C (ESB)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.7	430	TRIANGLE2T	7C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.6	426	TRIANGLE2T	10C (ESB)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.6	430	TRIANGLE2T	16C (ESB)	FIX	Recond	700	OFF	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.4	426	TRIANGLE2T	11C (ESB)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.4	426	TRIANGLE2T	13C (ESB)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.3	426	TRIANGLE2T	12C (ESB)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.3	426	TRIANGLE2T	3C (ESB)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.2	426	TRIANGLE2T	19C (ESB)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.2	426	TRIANGLE2T	5C (ESB)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.1	426	TRIANGLE2T	21C (ESB)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	183.1	430	TRIANGLE2T	8C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	182.9	426	TRIANGLE2T	4C (ESB)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	182.7	430	TRIANGLE2T	24C (ESB)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73268 MIDDLELRIV 115 1	LN	2	182.5	426	TRIANGLE2T	20C (ESB)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	12	61.1	293	1867-1880DCT	25C (ESB)	FIX	Recond	-700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	12	60.2	293	1867-1880DCT	9C (ESB)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	10	59.6	289	1867-1880DCT	21C (ESB)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	10	59.3	293	1867-1880DCT	17C (ESB)	FIX	Recond	700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	6	58.7	289	1867-1880DCT	5C (ESB)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	4	58.0	289	1867-1880DCT	13C (ESB)	FIX	Recond	700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	2	52.4	293	1867-1880DCT	24C (ESB)	FIX	Recond	-700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	2	51.5	293	1867-1880DCT	8C (ESB)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	2	51.1	289	1867-1880DCT	20C (ESB)	FIX	Recond	-700	ON	

Total No. of Overloads and Highest Overload: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

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Worst Overload for Each Branch

Sorted by branch and then by overload

OverLoad >= 30%
 10% < Over Load < 30%
 5% < Over Load < 10%
 OverLoad < 5%

From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	2	50.7	293	1867-1880DCT	16C (ESB)	FIX	Recond	700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	2	50.2	289	1867-1880DCT	4C (ESB)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	2	49.5	289	1867-1880DCT	12C (ESB)	FIX	Recond	700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.4	296	1880-1890DCT	17C (ESB)	FIX	Recond	700	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.4	296	1880-1890DCT	25C (ESB)	FIX	Recond	-700	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.4	296	1880-1890DCT	9C (ESB)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.3	292	1880-1890DCT	20C (ESB)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.2	292	1880-1890DCT	12C (ESB)	FIX	Recond	700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.2	292	1880-1890DCT	13C (ESB)	FIX	Recond	700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.2	296	1880-1890DCT	16C (ESB)	FIX	Recond	700	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.2	292	1880-1890DCT	21C (ESB)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.2	296	1880-1890DCT	24C (ESB)	FIX	Recond	-700	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.2	292	1880-1890DCT	4C (ESB)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.2	292	1880-1890DCT	5C (ESB)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.2	296	1880-1890DCT	8C (ESB)	FIX	Recond	0	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	429	100.5	260	1416-1880DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	419	99.0	260	1416-1880DCT	6C (ESB)	FIX	Recond	0	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	418	97.9	260	1416-1880DCT	14C (ESB)	FIX	Recond	700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	415	97.8	256	1416-1880DCT	18C (ESB)	FIX	Recond	-700	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	405	96.6	256	1416-1880DCT	2C (ESB)	FIX	Recond	0	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	386	95.4	256	1416-1880DCT	10C (ESB)	FIX	Recond	700	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	335	94.3	260	1416-1880DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	124	92.9	260	1416-1880DCT	7C (ESB)	FIX	Recond	0	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	80	92.2	260	1416-1880DCT	15C (ESB)	FIX	Recond	700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	58	92.2	256	1416-1880DCT	19C (ESB)	FIX	Recond	-700	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	42	90.8	256	1416-1880DCT	3C (ESB)	FIX	Recond	0	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	43	89.8	256	1416-1880DCT	11C (ESB)	FIX	Recond	700	ON	
73183	SHAWSHIL 115 73185 BUNKER H 115 1	LN	1	3.3	370	FROSTBR27T	17C (ESB)	FIX	Recond	700	OFF	
73183	SHAWSHIL 115 73185 BUNKER H 115 1	LN	1	2.7	370	FROSTBR27T	9C (ESB)	FIX	Recond	0	OFF	
73183	SHAWSHIL 115 73185 BUNKER H 115 1	LN	1	2.4	370	FROSTBR27T	14C (ESB)	FIX	Recond	700	OFF	
73183	SHAWSHIL 115 73185 BUNKER H 115 1	LN	1	1.8	370	FROSTBR27T	25C (ESB)	FIX	Recond	-700	OFF	
73183	SHAWSHIL 115 73185 BUNKER H 115 1	LN	1	1.7	370	FROSTBR27T	6C (ESB)	FIX	Recond	0	OFF	
73183	SHAWSHIL 115 73185 BUNKER H 115 1	LN	1	0.7	370	FROSTBR27T	22C (ESB)	FIX	Recond	-700	OFF	
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	32.9	253	1272-1721DCT	17C (ESB)	FIX	Recond	700	OFF	
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	32.9	253	1272-1721DCT	9C (ESB)	FIX	Recond	0	OFF	
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	32.8	253	1272-1721DCT	25C (ESB)	FIX	Recond	-700	OFF	

Total No. of Overloads and Highest Overload: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Assumes Beseck-EShore+Beseck-Meriden not tripped

Worst Overload for Each Branch

Sorted by branch and then by overload

OverLoad >= 30%
 10% < Over Load < 30%
 5% < Over Load < 10%
 OverLoad < 5%

From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	31.6	249	1272-1721DCT	13C (ESB)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	31.6	249	1272-1721DCT	21C (ESB)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	31.6	249	1272-1721DCT	5C (ESB)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	31.4	253	1272-1721DCT	22C (ESB)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	31.3	253	1272-1721DCT	14C (ESB)	FIX	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	31.3	253	1272-1721DCT	6C (ESB)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	29.5	249	1272-1721DCT	18C (ESB)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	29.3	249	1272-1721DCT	10C (ESB)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	29.3	249	1272-1721DCT	2C (ESB)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	27.8	253	1272-1721DCT	23C (ESB)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	27.7	253	1272-1721DCT	7C (ESB)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	27.6	253	1272-1721DCT	15C (ESB)	FIX	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	27.3	249	1272-1721DCT	19C (ESB)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	27.3	249	1272-1721DCT	3C (ESB)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	27.2	249	1272-1721DCT	11C (ESB)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	26.8	253	1272-1721DCT	24C (ESB)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	26.7	253	1272-1721DCT	16C (ESB)	FIX	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	26.7	253	1272-1721DCT	8C (ESB)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	26.3	249	1272-1721DCT	12C (ESB)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	26.3	249	1272-1721DCT	20C (ESB)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	2	26.3	249	1272-1721DCT	4C (ESB)	FIX	Recond	0	ON		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	4	30.5	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	4	28.2	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	3	20.6	482	ESHrstuck_new	9C (ESB)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	3	20.3	482	ESHrstuck_new	6C (ESB)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	4	12.0	482	ESHrstuck_new	22C (ESB)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	4	11.6	482	ESHrstuck_new	25C (ESB)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	3	4.3	478	ESHrstuck_new	10C (ESB)	FIX	Recond	700	ON		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	3	4.0	478	ESHrstuck_new	13C (ESB)	FIX	Recond	700	ON		
73198 SOUTHGTN 115 73631 WLNGF PF 115 1	LN	4	12.6	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF		
73198 SOUTHGTN 115 73631 WLNGF PF 115 1	LN	4	11.8	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF		
73198 SOUTHGTN 115 73631 WLNGF PF 115 1	LN	3	5.4	482	ESHrstuck_new	6C (ESB)	FIX	Recond	0	OFF		
73198 SOUTHGTN 115 73631 WLNGF PF 115 1	LN	2	4.7	482	ESHrstuck_new	9C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	24	83.2	260	1416-1880DCT	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	23	81.7	260	1416-1880DCT	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	23	80.6	260	1416-1880DCT	14C (ESB)	FIX	Recond	700	OFF		

Total No. of Overloads and Highest Overload: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Assumes Beseck-EShore+Beseck-Meriden not tripped

Worst Overload for Each Branch

Sorted by branch and then by overload

OverLoad >= 30%
 10% < Over Load < 30%
 5% < Over Load < 10%
 OverLoad < 5%

From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73207	FLAX HIL 115	73271 RYTN J B 115	LN	23	80.4	256	1416-1880DCT	18C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115	73271 RYTN J B 115	LN	23	79.1	256	1416-1880DCT	2C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115	73271 RYTN J B 115	LN	23	78.0	256	1416-1880DCT	10C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115	73271 RYTN J B 115	LN	23	76.8	260	1416-1880DCT	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115	73271 RYTN J B 115	LN	19	75.5	260	1416-1880DCT	7C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115	73271 RYTN J B 115	LN	16	74.7	260	1416-1880DCT	15C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115	73271 RYTN J B 115	LN	16	74.6	256	1416-1880DCT	19C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115	73271 RYTN J B 115	LN	16	73.3	256	1416-1880DCT	3C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115	73271 RYTN J B 115	LN	16	72.3	256	1416-1880DCT	11C (ESB)	FIX	Recond	700	ON
73224	TRMB J A 115	73700 PEQUONIC 115	LN	1	5.2	343	DEVON2TSTK	12C (ESB)	FIX	Recond	700	ON
73224	TRMB J A 115	73700 PEQUONIC 115	LN	1	4.2	343	DEVON2TSTK	4C (ESB)	FIX	Recond	0	ON
73224	TRMB J A 115	73700 PEQUONIC 115	LN	1	3.0	343	DEVON2TSTK	20C (ESB)	FIX	Recond	-700	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	2	26.9	466	SGTN7TSTK	17C (ESB)	FIX	Recond	700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	2	25.4	466	SGTN7TSTK	14C (ESB)	FIX	Recond	700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	2	25.2	466	SGTN7TSTK	9C (ESB)	FIX	Recond	0	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	23.8	466	SGTN7TSTK	25C (ESB)	FIX	Recond	-700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	2	23.7	466	SGTN7TSTK	6C (ESB)	FIX	Recond	0	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	22.3	466	SGTN7TSTK	22C (ESB)	FIX	Recond	-700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	2	19.1	462	SGTN7TSTK	13C (ESB)	FIX	Recond	700	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	2	17.7	462	SGTN7TSTK	10C (ESB)	FIX	Recond	700	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	17.7	462	SGTN7TSTK	5C (ESB)	FIX	Recond	0	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	16.2	462	SGTN7TSTK	21C (ESB)	FIX	Recond	-700	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	16.2	462	SGTN7TSTK	2C (ESB)	FIX	Recond	0	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	14.7	462	SGTN7TSTK	18C (ESB)	FIX	Recond	-700	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	5.3	466	SGTN7TSTK	15C (ESB)	FIX	Recond	700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	4.0	466	SGTN7TSTK	7C (ESB)	FIX	Recond	0	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	2.5	466	SGTN7TSTK	23C (ESB)	FIX	Recond	-700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	0.4	466	SGTN7TSTK	16C (ESB)	FIX	Recond	700	OFF
73228	BALDWNJB 115	73185 BUNKER H 115	LN	3	5.3	482	EShrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73228	BALDWNJB 115	73185 BUNKER H 115	LN	3	3.4	482	EShrstuck_new	14C (ESB)	FIX	Recond	700	OFF
73230	HADDAM 115	73231 BOKUM 115	LN	3	18.2	92	1620SLINE	17C (ESB)	FIX	Recond	700	OFF
73230	HADDAM 115	73231 BOKUM 115	LN	3	17.5	92	1620SLINE	14C (ESB)	FIX	Recond	700	OFF
73230	HADDAM 115	73231 BOKUM 115	LN	3	14.7	92	1620SLINE	9C (ESB)	FIX	Recond	0	OFF
73230	HADDAM 115	73231 BOKUM 115	LN	3	14.1	92	1620SLINE	6C (ESB)	FIX	Recond	0	OFF
73230	HADDAM 115	73231 BOKUM 115	LN	2	10.8	92	1620SLINE	25C (ESB)	FIX	Recond	-700	OFF
73230	HADDAM 115	73231 BOKUM 115	LN	2	10.2	92	1620SLINE	22C (ESB)	FIX	Recond	-700	OFF

Total No. of Overloads and Highest Overload: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Assumes Beseck-EShore+Beseck-Meriden not tripped

Worst Overload for Each Branch

Sorted by branch and then by overload

OverLoad >= 30%
10% < Over Load < 30%
5% < Over Load < 10%
OverLoad < 5%

From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73230 HADDAM	115 73231 BOKUM	115 1	LN	2	5.1	88	1620SLINE	13C (ESB)	FIX	Recond	700	ON
73230 HADDAM	115 73231 BOKUM	115 1	LN	2	4.7	88	1620SLINE	10C (ESB)	FIX	Recond	700	ON
73230 HADDAM	115 73231 BOKUM	115 1	LN	1	1.8	88	1620SLINE	5C (ESB)	FIX	Recond	0	ON
73230 HADDAM	115 73231 BOKUM	115 1	LN	1	1.4	88	1620SLINE	2C (ESB)	FIX	Recond	0	ON
73230 HADDAM	115 73231 BOKUM	115 2	LN	1	2.7	43	1261LINE	17C (ESB)	FIX	Recond	700	OFF
73230 HADDAM	115 73231 BOKUM	115 2	LN	1	2.2	43	1261LINE	14C (ESB)	FIX	Recond	700	OFF
73231 BOKUM	115 73265 GREEN HL	115 1	LN	1	2.3	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73231 BOKUM	115 73265 GREEN HL	115 1	LN	1	1.7	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	125.7	430	TRIANGLE2T	22C (ESB)	FIX	Recond	-700	OFF
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	125.6	430	TRIANGLE2T	15C (ESB)	FIX	Recond	700	OFF
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	125.5	430	TRIANGLE2T	17C (ESB)	FIX	Recond	700	OFF
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	125.5	430	TRIANGLE2T	6C (ESB)	FIX	Recond	0	OFF
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	125.5	430	TRIANGLE2T	9C (ESB)	FIX	Recond	0	OFF
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	125.4	430	TRIANGLE2T	14C (ESB)	FIX	Recond	700	OFF
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	125.4	430	TRIANGLE2T	25C (ESB)	FIX	Recond	-700	OFF
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.8	426	TRIANGLE2T	18C (ESB)	FIX	Recond	-700	ON
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.7	430	TRIANGLE2T	23C (ESB)	FIX	Recond	-700	OFF
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.7	426	TRIANGLE2T	2C (ESB)	FIX	Recond	0	ON
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.7	430	TRIANGLE2T	7C (ESB)	FIX	Recond	0	OFF
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.6	426	TRIANGLE2T	10C (ESB)	FIX	Recond	700	ON
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.5	426	TRIANGLE2T	13C (ESB)	FIX	Recond	700	ON
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.5	430	TRIANGLE2T	16C (ESB)	FIX	Recond	700	OFF
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.4	426	TRIANGLE2T	11C (ESB)	FIX	Recond	700	ON
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.4	426	TRIANGLE2T	19C (ESB)	FIX	Recond	-700	ON
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.4	426	TRIANGLE2T	3C (ESB)	FIX	Recond	0	ON
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.4	426	TRIANGLE2T	5C (ESB)	FIX	Recond	0	ON
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.3	426	TRIANGLE2T	12C (ESB)	FIX	Recond	700	ON
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.3	426	TRIANGLE2T	21C (ESB)	FIX	Recond	-700	ON
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.2	430	TRIANGLE2T	8C (ESB)	FIX	Recond	0	OFF
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	122.0	426	TRIANGLE2T	4C (ESB)	FIX	Recond	0	ON
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	121.9	430	TRIANGLE2T	24C (ESB)	FIX	Recond	-700	OFF
73268 MDDLRLV	115 73176 TRIANGLE	115 1	LN	2	121.8	426	TRIANGLE2T	20C (ESB)	FIX	Recond	-700	ON
73295 BESECK	345 73663 E.SHORE	345 1	LN	31	20.9	463	SGTN4TSTK	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	22	20.0	463	SGTN4TSTK	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	12	12.2	463	SGTN4TSTK	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	10	11.1	463	SGTN4TSTK	9C (ESB)	FIX	Recond	0	OFF

Total No. of Overloads and Highest Overload: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Assumes Beseck-EShore+Beseck-Meriden not tripped

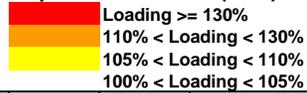
Worst Overload for Each Branch

Sorted by branch and then by overload

OverLoad >= 30%
 10% < Over Load < 30%
 5% < Over Load < 10%
 OverLoad < 5%

From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73295 BESECK	345 73663 E.SHORE	345 1	LN	6	8.2	302	1618-321DCT	22C (ESB)	FIX	Recond	-700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	3	6.3	459	SGTN4TSTK	10C (ESB)	FIX	Recond	700	ON
73295 BESECK	345 73663 E.SHORE	345 1	LN	2	5.2	459	SGTN4TSTK	13C (ESB)	FIX	Recond	700	ON
73295 BESECK	345 73663 E.SHORE	345 1	LN	1	0.6	463	SGTN4TSTK	25C (ESB)	FIX	Recond	-700	OFF
73305 OR-ESHR3	345 73308 ESHR3-OR	345 1	LN	1	15.8	468	devon-eshr2	10C (ESB)	FIX	Recond	700	ON
73305 OR-ESHR3	345 73308 ESHR3-OR	345 1	LN	1	12.7	472	devon-eshr2	14C (ESB)	FIX	Recond	700	OFF
73305 OR-ESHR3	345 73308 ESHR3-OR	345 1	LN	1	4.9	468	devon-eshr2	13C (ESB)	FIX	Recond	700	ON
73305 OR-ESHR3	345 73308 ESHR3-OR	345 1	LN	1	3.0	468	devon-eshr2	2C (ESB)	FIX	Recond	0	ON
73305 OR-ESHR3	345 73308 ESHR3-OR	345 1	LN	1	2.5	472	devon-eshr2	17C (ESB)	FIX	Recond	700	OFF
73311 DEVSING2	345 73313 SINGDEV2	345 1	LN	3	3.9	464	SINGDEV1	10C (ESB)	FIX	Recond	700	ON
73317 NORSING2	345 73315 SINGNOR2	345 1	LN	2	15.3	463	NORSING1	11C (ESB)	FIX	Recond	700	ON
73317 NORSING2	345 73315 SINGNOR2	345 1	LN	2	7.1	467	NORSING1	15C (ESB)	FIX	Recond	700	OFF
73317 NORSING2	345 73315 SINGNOR2	345 1	LN	2	4.0	463	NORSING1	12C (ESB)	FIX	Recond	700	ON
73317 NORSING2	345 73315 SINGNOR2	345 1	LN	2	2.9	463	NORSING1	3C (ESB)	FIX	Recond	0	ON
73669 GRAND AV	115 73681 WEST RIV	115 1	LN	1	0.6	370	GRNDV2TSTK	13C (ESB)	FIX	Recond	700	ON
73669 GRAND AV	115 73681 WEST RIV	115 1	LN	1	0.3	370	GRNDV2TSTK	5C (ESB)	FIX	Recond	0	ON
73669 GRAND AV	115 73681 WEST RIV	115 1	LN	1	0.0	370	GRNDV2TSTK	21C (ESB)	FIX	Recond	-700	ON
73669 GRAND AV	115 73681 WEST RIV	115 2	LN	1	0.6	370	GRNDV2TSTK	13C (ESB)	FIX	Recond	700	ON
73669 GRAND AV	115 73681 WEST RIV	115 2	LN	1	0.3	370	GRNDV2TSTK	5C (ESB)	FIX	Recond	0	ON
73669 GRAND AV	115 73681 WEST RIV	115 2	LN	1	0.0	370	GRNDV2TSTK	21C (ESB)	FIX	Recond	-700	ON
73701 CRRA JCT	115 73703 ASHCREEK	115 1	LN	1	0.2	253	1389-1880DCT	11C (ESB)	FIX	Recond	700	ON
73701 CRRA JCT	115 73703 ASHCREEK	115 1	LN	1	0.2	253	1389-1880DCT	19C (ESB)	FIX	Recond	-700	ON
73701 CRRA JCT	115 73703 ASHCREEK	115 1	LN	1	0.2	253	1389-1880DCT	3C (ESB)	FIX	Recond	0	ON
75053 NRTHPT P	138 75051 NRTHPRT1	138 1	TR	1	3.6	453	LONGMT5TSTK	25C (ESB)	FIX	Recond	-700	OFF

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1767.5	866.9	1446.0	122.2	300	1460-387S-DCT	17C (ESB)	FIX	Recond	700	OFF		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1736.8	815.7	1446.0	120.1	300	1460-387S-DCT	14C (ESB)	FIX	Recond	700	OFF		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1577.3	741.7	1446.0	109.1	300	1460-387S-DCT	9C (ESB)	FIX	Recond	0	OFF		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1551.6	804.1	1446.0	107.3	296	1460-387S-DCT	13C (ESB)	FIX	Recond	700	ON		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1545.8	691.8	1446.0	106.9	300	1460-387S-DCT	6C (ESB)	FIX	Recond	0	OFF		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1523.1	753.9	1446.0	105.3	296	1460-387S-DCT	10C (ESB)	FIX	Recond	700	ON		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1740.1	866.9	1446.0	120.3	229	387SLINE	17C (ESB)	FIX	Recond	700	OFF		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1704.7	815.7	1446.0	117.9	229	387SLINE	14C (ESB)	FIX	Recond	700	OFF		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1553.4	741.7	1446.0	107.4	229	387SLINE	9C (ESB)	FIX	Recond	0	OFF		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1534.1	804.1	1446.0	106.1	225	387SLINE	13C (ESB)	FIX	Recond	700	ON		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1523.0	691.8	1446.0	105.3	229	387SLINE	6C (ESB)	FIX	Recond	0	OFF		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1503.6	753.9	1446.0	104.0	225	387SLINE	10C (ESB)	FIX	Recond	700	ON		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1773.3	866.9	1446.0	122.6	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1726.5	815.7	1446.0	119.4	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1562.9	741.7	1446.0	108.1	482	ESHrstuck_new	9C (ESB)	FIX	Recond	0	OFF		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1537.9	804.1	1446.0	106.4	478	ESHrstuck_new	13C (ESB)	FIX	Recond	700	ON		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1531.1	691.8	1446.0	105.9	482	ESHrstuck_new	6C (ESB)	FIX	Recond	0	OFF		
73104 FRSTBDGE 345 73106 SOUTHGTN 345 1	LN	1507.6	753.9	1446.0	104.3	478	ESHrstuck_new	10C (ESB)	FIX	Recond	700	ON		
73106 SOUTHGTN 345 73122 MERID362 345 1	LN	1970.9	963.1	1912.0	103.1	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF		
73106 SOUTHGTN 345 73122 MERID362 345 1	LN	1935.0	963.1	1912.0	101.2	300	1460-387S-DCT	17C (ESB)	FIX	Recond	700	OFF		
73106 SOUTHGTN 345 73122 MERID362 345 1	LN	1935.0	925.5	1912.0	101.2	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF		
73106 SOUTHGTN 345 73122 MERID362 345 1	LN	1921.2	963.1	1912.0	100.5	229	387SLINE	17C (ESB)	FIX	Recond	700	OFF		
73106 SOUTHGTN 345 73122 MERID362 345 1	LN	1918.3	925.5	1912.0	100.3	300	1460-387S-DCT	14C (ESB)	FIX	Recond	700	OFF		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	678.9	279.3	585.0	116.1	464	SGTN5TSTK	17C (ESB)	FIX	Recond	700	OFF		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	666.7	279.0	585.0	114.0	464	SGTN5TSTK	14C (ESB)	FIX	Recond	700	OFF		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	652.1	272.3	585.0	111.5	460	SGTN5TSTK	13C (ESB)	FIX	Recond	700	ON		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	640.8	269.9	585.0	109.5	464	SGTN5TSTK	15C (ESB)	FIX	Recond	700	OFF		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	639.6	273.6	585.0	109.3	464	SGTN5TSTK	9C (ESB)	FIX	Recond	0	OFF		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	638.8	271.1	585.0	109.2	460	SGTN5TSTK	10C (ESB)	FIX	Recond	700	ON		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	631.3	262.7	585.0	107.9	464	SGTN5TSTK	16C (ESB)	FIX	Recond	700	OFF		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	627.5	273.1	585.0	107.3	464	SGTN5TSTK	6C (ESB)	FIX	Recond	0	OFF		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	615.3	263.1	585.0	105.2	460	SGTN5TSTK	11C (ESB)	FIX	Recond	700	ON		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	613.1	266.6	585.0	104.8	460	SGTN5TSTK	5C (ESB)	FIX	Recond	0	ON		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	605.6	255.9	585.0	103.5	460	SGTN5TSTK	12C (ESB)	FIX	Recond	700	ON		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	601.8	264.0	585.0	102.9	464	SGTN5TSTK	7C (ESB)	FIX	Recond	0	OFF		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	600.1	265.5	585.0	102.6	460	SGTN5TSTK	2C (ESB)	FIX	Recond	0	ON		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	593.1	266.6	585.0	101.4	464	SGTN5TSTK	25C (ESB)	FIX	Recond	-700	OFF		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	592.3	256.8	585.0	101.2	464	SGTN5TSTK	8C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.5	239.0	124.8	409	SOUTHEND6T	2C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.5	239.0	124.8	409	SOUTHEND6T	3C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.9	239.0	124.8	409	SOUTHEND6T	4C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	70.0	239.0	124.8	409	SOUTHEND6T	5C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.5	239.0	124.8	413	SOUTHEND6T	6C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.5	239.0	124.8	413	SOUTHEND6T	7C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.9	239.0	124.8	413	SOUTHEND6T	8C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	70.0	239.0	124.8	413	SOUTHEND6T	9C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.5	239.0	124.8	409	SOUTHEND6T	10C (ESB)	FIX	Recond	700	ON		

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.5	239.0	124.8	409	SOUTHEND6T	11C (ESB)	FIX	Recond	700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.9	239.0	124.8	409	SOUTHEND6T	12C (ESB)	FIX	Recond	700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	70.0	239.0	124.8	409	SOUTHEND6T	13C (ESB)	FIX	Recond	700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.5	239.0	124.8	413	SOUTHEND6T	14C (ESB)	FIX	Recond	700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.5	239.0	124.8	413	SOUTHEND6T	15C (ESB)	FIX	Recond	700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.9	239.0	124.8	413	SOUTHEND6T	16C (ESB)	FIX	Recond	700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	70.0	239.0	124.8	413	SOUTHEND6T	17C (ESB)	FIX	Recond	700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.5	239.0	124.8	409	SOUTHEND6T	18C (ESB)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.5	239.0	124.8	409	SOUTHEND6T	19C (ESB)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.9	239.0	124.8	409	SOUTHEND6T	20C (ESB)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	70.0	239.0	124.8	409	SOUTHEND6T	21C (ESB)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.5	239.0	124.8	413	SOUTHEND6T	22C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.5	239.0	124.8	413	SOUTHEND6T	23C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	69.9	239.0	124.8	413	SOUTHEND6T	24C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	298.4	70.0	239.0	124.8	413	SOUTHEND6T	25C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.4	352.0	102.5	409	SOUTHEND6T	2C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.4	352.0	102.5	409	SOUTHEND6T	3C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.9	352.0	102.5	409	SOUTHEND6T	4C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	133.0	352.0	102.5	409	SOUTHEND6T	5C (ESB)	FIX	Recond	0	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.5	352.0	102.5	413	SOUTHEND6T	6C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.4	352.0	102.5	413	SOUTHEND6T	7C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.9	352.0	102.5	413	SOUTHEND6T	8C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	133.0	352.0	102.5	413	SOUTHEND6T	9C (ESB)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.4	352.0	102.5	409	SOUTHEND6T	10C (ESB)	FIX	Recond	700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.4	352.0	102.5	409	SOUTHEND6T	11C (ESB)	FIX	Recond	700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.9	352.0	102.5	409	SOUTHEND6T	12C (ESB)	FIX	Recond	700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	133.0	352.0	102.5	409	SOUTHEND6T	13C (ESB)	FIX	Recond	700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.5	352.0	102.5	413	SOUTHEND6T	14C (ESB)	FIX	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.4	352.0	102.5	413	SOUTHEND6T	15C (ESB)	FIX	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.9	352.0	102.5	413	SOUTHEND6T	16C (ESB)	FIX	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	133.0	352.0	102.5	413	SOUTHEND6T	17C (ESB)	FIX	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.5	352.0	102.5	409	SOUTHEND6T	18C (ESB)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.4	352.0	102.5	409	SOUTHEND6T	19C (ESB)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.9	352.0	102.5	409	SOUTHEND6T	20C (ESB)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	133.0	352.0	102.5	409	SOUTHEND6T	21C (ESB)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.5	352.0	102.5	413	SOUTHEND6T	22C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.4	352.0	102.5	413	SOUTHEND6T	23C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.9	352.0	102.5	413	SOUTHEND6T	24C (ESB)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	133.0	352.0	102.5	413	SOUTHEND6T	25C (ESB)	FIX	Recond	-700	OFF		
73164 BALDWNJA 115 73187 STEVENSN 115 1	LN	294.1	126.5	282.0	104.3	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF		
73164 BALDWNJA 115 73187 STEVENSN 115 1	LN	287.8	126.5	282.0	102.0	300	1460-387S-DCT	14C (ESB)	FIX	Recond	700	OFF		
73164 BALDWNJA 115 73187 STEVENSN 115 1	LN	287.1	121.1	282.0	101.8	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	325.7	156.9	287.0	113.5	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	320.9	151.7	287.0	111.8	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	318.5	156.9	287.0	111.0	300	1460-387S-DCT	14C (ESB)	FIX	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	312.6	156.9	287.0	108.9	229	387SLINE	14C (ESB)	FIX	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	309.0	152.7	287.0	107.7	482	ESHrstuck_new	6C (ESB)	FIX	Recond	0	OFF		

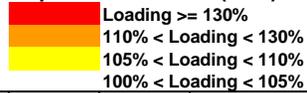
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	TP	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73164 BALDWNJA	115 73202 FROST BR 115 1	LN		308.6	151.7	287.0	107.5	300	1460-387S-DCT	17C (ESB)	FIX	Recond	700	OFF
73164 BALDWNJA	115 73202 FROST BR 115 1	LN		303.6	151.7	287.0	105.8	229	387SLINE	17C (ESB)	FIX	Recond	700	OFF
73164 BALDWNJA	115 73202 FROST BR 115 1	LN		302.4	152.7	287.0	105.4	300	1460-387S-DCT	6C (ESB)	FIX	Recond	0	OFF
73164 BALDWNJA	115 73202 FROST BR 115 1	LN		300.0	147.4	287.0	104.5	482	ESHrstuck_new	9C (ESB)	FIX	Recond	0	OFF
73164 BALDWNJA	115 73202 FROST BR 115 1	LN		298.3	152.7	287.0	103.9	229	387SLINE	6C (ESB)	FIX	Recond	0	OFF
73164 BALDWNJA	115 73202 FROST BR 115 1	LN		293.0	147.4	287.0	102.1	300	1460-387S-DCT	9C (ESB)	FIX	Recond	0	OFF
73164 BALDWNJA	115 73202 FROST BR 115 1	LN		291.4	147.2	287.0	101.5	482	ESHrstuck_new	22C (ESB)	FIX	Recond	-700	OFF
73164 BALDWNJA	115 73202 FROST BR 115 1	LN		288.7	147.4	287.0	100.6	229	387SLINE	9C (ESB)	FIX	Recond	0	OFF
73166 NORHR138	138 73171 NWLK HAR 115 1	TR		458.9	207.8	402.0	114.1	453	LONGMT5TSTK	25C (ESB)	FIX	Recond	-700	OFF
73166 NORHR138	138 73171 NWLK HAR 115 1	TR		439.3	207.7	402.0	109.3	449	LONGMT5TSTK	21C (ESB)	FIX	Recond	-700	ON
73166 NORHR138	138 73171 NWLK HAR 115 1	TR		435.2	207.8	402.0	108.3	233	398LINE	25C (ESB)	FIX	Recond	-700	OFF
73166 NORHR138	138 73171 NWLK HAR 115 1	TR		435.2	207.8	402.0	108.3	234	398LREAC	25C (ESB)	FIX	Recond	-700	OFF
73166 NORHR138	138 73171 NWLK HAR 115 1	TR		420.6	207.7	402.0	104.6	229	398LINE	21C (ESB)	FIX	Recond	-700	ON
73166 NORHR138	138 73171 NWLK HAR 115 1	TR		420.6	207.7	402.0	104.6	230	398LREAC	21C (ESB)	FIX	Recond	-700	ON
73166 NORHR138	138 73171 NWLK HAR 115 1	TR		418.1	207.8	402.0	104.0	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	112.7	289.0	123.2	258	1440-1450DCT	2C (ESB)	FIX	Recond	0	ON
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	113.0	289.0	123.2	258	1440-1450DCT	3C (ESB)	FIX	Recond	0	ON
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	109.6	289.0	123.2	258	1440-1450DCT	4C (ESB)	FIX	Recond	0	ON
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	108.7	289.0	123.2	258	1440-1450DCT	5C (ESB)	FIX	Recond	0	ON
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	112.5	289.0	123.2	262	1440-1450DCT	6C (ESB)	FIX	Recond	0	OFF
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	112.8	289.0	123.2	262	1440-1450DCT	7C (ESB)	FIX	Recond	0	OFF
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	109.5	289.0	123.2	262	1440-1450DCT	8C (ESB)	FIX	Recond	0	OFF
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	108.6	289.0	123.2	262	1440-1450DCT	9C (ESB)	FIX	Recond	0	OFF
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	112.7	289.0	123.2	258	1440-1450DCT	10C (ESB)	FIX	Recond	700	ON
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	113.0	289.0	123.2	258	1440-1450DCT	11C (ESB)	FIX	Recond	700	ON
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	109.6	289.0	123.2	258	1440-1450DCT	12C (ESB)	FIX	Recond	700	ON
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	108.8	289.0	123.2	258	1440-1450DCT	13C (ESB)	FIX	Recond	700	ON
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	112.6	289.0	123.2	262	1440-1450DCT	14C (ESB)	FIX	Recond	700	OFF
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	112.9	289.0	123.2	262	1440-1450DCT	15C (ESB)	FIX	Recond	700	OFF
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	109.5	289.0	123.2	262	1440-1450DCT	16C (ESB)	FIX	Recond	700	OFF
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	108.7	289.0	123.2	262	1440-1450DCT	17C (ESB)	FIX	Recond	700	OFF
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	112.6	289.0	123.2	258	1440-1450DCT	18C (ESB)	FIX	Recond	-700	ON
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	112.9	289.0	123.2	258	1440-1450DCT	19C (ESB)	FIX	Recond	-700	ON
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	109.5	289.0	123.2	258	1440-1450DCT	20C (ESB)	FIX	Recond	-700	ON
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	108.6	289.0	123.2	258	1440-1450DCT	21C (ESB)	FIX	Recond	-700	ON
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	112.5	289.0	123.2	262	1440-1450DCT	22C (ESB)	FIX	Recond	-700	OFF
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	112.8	289.0	123.2	262	1440-1450DCT	23C (ESB)	FIX	Recond	-700	OFF
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	109.4	289.0	123.2	262	1440-1450DCT	24C (ESB)	FIX	Recond	-700	OFF
73167 SO.END	115 73294 GLNBRK J 115 1	LN		356.0	108.5	289.0	123.2	262	1440-1450DCT	25C (ESB)	FIX	Recond	-700	OFF
73168 GLNBROOK	115 73169 RYTN J A 115 1	LN		455.8	180.0	439.0	103.8	294	1867-1890DCT	25C (ESB)	FIX	Recond	-700	OFF
73168 GLNBROOK	115 73169 RYTN J A 115 1	LN		453.7	179.1	439.0	103.3	294	1867-1890DCT	9C (ESB)	FIX	Recond	0	OFF
73168 GLNBROOK	115 73169 RYTN J A 115 1	LN		451.7	178.4	439.0	102.9	294	1867-1890DCT	17C (ESB)	FIX	Recond	700	OFF
73168 GLNBROOK	115 73169 RYTN J A 115 1	LN		450.8	178.0	439.0	102.7	290	1867-1890DCT	21C (ESB)	FIX	Recond	-700	ON
73168 GLNBROOK	115 73169 RYTN J A 115 1	LN		448.7	177.1	439.0	102.2	290	1867-1890DCT	5C (ESB)	FIX	Recond	0	ON
73168 GLNBROOK	115 73169 RYTN J A 115 1	LN		446.8	176.4	439.0	101.8	290	1867-1890DCT	13C (ESB)	FIX	Recond	700	ON
73168 GLNBROOK	115 73237 ELYAVE 115 1	LN		432.1	172.2	279.0	154.9	293	1867-1880DCT	25C (ESB)	FIX	Recond	-700	OFF
73168 GLNBROOK	115 73237 ELYAVE 115 1	LN		431.3	172.2	279.0	154.6	293	1867-1880DCT	9C (ESB)	FIX	Recond	0	OFF

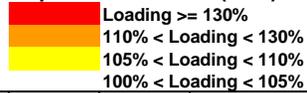
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	430.6	172.0	279.0	154.4	289	1867-1880DCT	21C (ESB)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	430.4	172.0	279.0	154.2	293	1867-1880DCT	17C (ESB)	FIX	Recond	700	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	429.7	171.9	279.0	154.0	289	1867-1880DCT	5C (ESB)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	429.0	171.8	279.0	153.8	289	1867-1880DCT	13C (ESB)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	423.4	171.0	279.0	151.8	293	1867-1880DCT	24C (ESB)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	422.6	170.8	279.0	151.5	293	1867-1880DCT	8C (ESB)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	422.2	170.8	279.0	151.3	289	1867-1880DCT	20C (ESB)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	421.8	170.7	279.0	151.2	293	1867-1880DCT	16C (ESB)	FIX	Recond	700	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	421.3	170.7	279.0	151.0	289	1867-1880DCT	4C (ESB)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	420.6	170.5	279.0	150.7	289	1867-1880DCT	12C (ESB)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	288.7	170.5	279.0	103.5	256	1416-1880DCT	12C (ESB)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	288.2	170.7	279.0	103.3	256	1416-1880DCT	4C (ESB)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	287.8	170.7	279.0	103.2	260	1416-1880DCT	16C (ESB)	FIX	Recond	700	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	287.7	170.8	279.0	103.1	256	1416-1880DCT	20C (ESB)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	287.4	170.8	279.0	103.0	260	1416-1880DCT	8C (ESB)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	286.8	171.0	279.0	102.8	260	1416-1880DCT	24C (ESB)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	283.1	171.8	279.0	101.5	256	1416-1880DCT	13C (ESB)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	282.6	171.9	279.0	101.3	256	1416-1880DCT	5C (ESB)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	282.2	172.0	279.0	101.2	260	1416-1880DCT	17C (ESB)	FIX	Recond	700	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	282.1	172.0	279.0	101.1	256	1416-1880DCT	21C (ESB)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	281.8	172.2	279.0	101.0	260	1416-1880DCT	9C (ESB)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	281.4	170.5	279.0	100.9	255	1416-1867DCT	12C (ESB)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	281.3	172.2	279.0	100.8	260	1416-1880DCT	25C (ESB)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	281.0	170.7	279.0	100.7	255	1416-1867DCT	4C (ESB)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	280.5	170.7	279.0	100.5	259	1416-1867DCT	16C (ESB)	FIX	Recond	700	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	280.4	170.8	279.0	100.5	255	1416-1867DCT	20C (ESB)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	280.1	170.8	279.0	100.4	259	1416-1867DCT	8C (ESB)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	279.5	171.0	279.0	100.2	259	1416-1867DCT	24C (ESB)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	432.5	165.8	289.0	149.7	296	1880-1890DCT	25C (ESB)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	430.4	164.9	289.0	148.9	296	1880-1890DCT	9C (ESB)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	428.6	164.2	289.0	148.3	296	1880-1890DCT	17C (ESB)	FIX	Recond	700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	428.0	163.8	289.0	148.1	292	1880-1890DCT	21C (ESB)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	425.9	163.0	289.0	147.4	292	1880-1890DCT	5C (ESB)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	424.1	162.3	289.0	146.8	292	1880-1890DCT	13C (ESB)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	406.1	154.6	289.0	140.5	296	1880-1890DCT	24C (ESB)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	403.9	153.8	289.0	139.7	296	1880-1890DCT	8C (ESB)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	402.2	153.0	289.0	139.2	292	1880-1890DCT	20C (ESB)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	402.1	153.1	289.0	139.1	296	1880-1890DCT	16C (ESB)	FIX	Recond	700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	400.0	152.1	289.0	138.4	292	1880-1890DCT	4C (ESB)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	398.2	151.5	289.0	137.8	292	1880-1890DCT	12C (ESB)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	353.8	151.3	289.0	122.4	296	1880-1890DCT	22C (ESB)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	351.6	149.6	289.0	121.7	296	1880-1890DCT	6C (ESB)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	350.0	149.0	289.0	121.1	296	1880-1890DCT	14C (ESB)	FIX	Recond	700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	348.9	148.4	289.0	120.7	292	1880-1890DCT	18C (ESB)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	346.8	147.5	289.0	120.0	292	1880-1890DCT	2C (ESB)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	345.2	146.8	289.0	119.4	292	1880-1890DCT	10C (ESB)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	342.4	145.6	289.0	118.5	296	1880-1890DCT	23C (ESB)	FIX	Recond	-700	OFF	

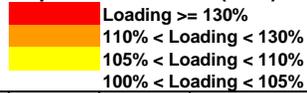
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	TP	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	340.4	144.8	289.0	117.8	296	1880-1890DCT	7C (ESB)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	338.8	144.1	289.0	117.2	296	1880-1890DCT	15C (ESB)	FIX	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	338.1	143.7	289.0	117.0	292	1880-1890DCT	19C (ESB)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	336.7	151.3	289.0	116.5	260	1416-1880DCT	22C (ESB)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	336.1	142.9	289.0	116.3	292	1880-1890DCT	3C (ESB)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	334.9	149.6	289.0	115.9	260	1416-1880DCT	6C (ESB)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	334.6	149.0	289.0	115.8	260	1416-1880DCT	14C (ESB)	FIX	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	334.5	142.3	289.0	115.7	292	1880-1890DCT	11C (ESB)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	333.9	148.4	289.0	115.5	256	1416-1880DCT	18C (ESB)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	333.4	147.5	289.0	115.4	256	1416-1880DCT	2C (ESB)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	333.0	146.8	289.0	115.2	256	1416-1880DCT	10C (ESB)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	331.9	145.6	289.0	114.9	260	1416-1880DCT	23C (ESB)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	331.5	144.8	289.0	114.7	260	1416-1880DCT	7C (ESB)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	331.3	144.1	289.0	114.6	260	1416-1880DCT	15C (ESB)	FIX	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	330.7	143.7	289.0	114.4	256	1416-1880DCT	19C (ESB)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	330.3	142.9	289.0	114.3	256	1416-1880DCT	3C (ESB)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	330.0	142.3	289.0	114.2	256	1416-1880DCT	11C (ESB)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	308.7	151.3	289.0	106.8	297	1880-1977DCT	22C (ESB)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	306.9	149.6	289.0	106.2	297	1880-1977DCT	6C (ESB)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	306.6	149.0	289.0	106.1	297	1880-1977DCT	14C (ESB)	FIX	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	305.9	148.4	289.0	105.8	293	1880-1977DCT	18C (ESB)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	305.4	147.5	289.0	105.7	293	1880-1977DCT	2C (ESB)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	305.0	146.8	289.0	105.5	293	1880-1977DCT	10C (ESB)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	303.9	145.6	289.0	105.2	297	1880-1977DCT	23C (ESB)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	303.5	144.8	289.0	105.0	297	1880-1977DCT	7C (ESB)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	303.3	144.1	289.0	104.9	297	1880-1977DCT	15C (ESB)	FIX	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	302.7	143.7	289.0	104.7	293	1880-1977DCT	19C (ESB)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	302.3	142.9	289.0	104.6	293	1880-1977DCT	3C (ESB)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	302.0	142.3	289.0	104.5	293	1880-1977DCT	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	394.8	175.6	274.0	144.1	290	1867-1890DCT	4C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	394.7	174.4	274.0	144.1	290	1867-1890DCT	20C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	394.5	173.2	274.0	144.0	294	1867-1890DCT	8C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	394.5	176.5	274.0	144.0	290	1867-1890DCT	12C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	394.5	172.0	274.0	144.0	294	1867-1890DCT	24C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	394.3	174.1	274.0	143.9	294	1867-1890DCT	16C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	393.6	157.3	274.0	143.7	294	1867-1890DCT	9C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	393.7	156.0	274.0	143.7	294	1867-1890DCT	25C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	393.4	158.5	274.0	143.6	290	1867-1890DCT	21C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	393.2	159.8	274.0	143.5	290	1867-1890DCT	5C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	393.1	160.9	274.0	143.5	290	1867-1890DCT	13C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	393.1	158.2	274.0	143.5	294	1867-1890DCT	17C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	476.4	250.5	256.0	186.1	259	1416-1867DCT	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	472.6	248.0	256.0	184.6	259	1416-1867DCT	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	469.8	246.1	256.0	183.5	259	1416-1867DCT	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	469.4	245.1	256.0	183.3	255	1416-1867DCT	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172	NORWALK 115 1	LN	467.3	250.5	256.0	182.6	294	1867-1890DCT	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	466.1	243.0	256.0	182.1	255	1416-1867DCT	2C (ESB)	FIX	Recond	0	ON

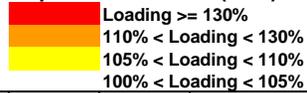
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73169	RYTN J A 115 73172 NORWALK	115 1	LN	464.2	248.0	256.0	181.3	294	1867-1890DCT	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	463.3	241.1	256.0	181.0	255	1416-1867DCT	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	461.6	246.1	256.0	180.3	294	1867-1890DCT	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	460.4	238.5	256.0	179.8	259	1416-1867DCT	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	456.9	236.2	256.0	178.5	259	1416-1867DCT	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	456.9	245.1	256.0	178.5	290	1867-1890DCT	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	454.9	234.8	256.0	177.7	259	1416-1867DCT	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	454.8	234.1	256.0	177.6	255	1416-1867DCT	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	453.9	243.0	256.0	177.3	290	1867-1890DCT	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	451.4	231.8	256.0	176.3	255	1416-1867DCT	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	451.3	241.1	256.0	176.3	290	1867-1890DCT	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	449.5	238.5	256.0	175.6	294	1867-1890DCT	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	449.3	250.5	256.0	175.5	295	1867-1977DCT	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	448.9	230.2	256.0	175.4	255	1416-1867DCT	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	446.2	236.2	256.0	174.3	294	1867-1890DCT	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	445.6	248.0	256.0	174.1	295	1867-1977DCT	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	444.9	234.1	256.0	173.8	290	1867-1890DCT	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	444.3	234.8	256.0	173.6	294	1867-1890DCT	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	442.8	246.1	256.0	173.0	295	1867-1977DCT	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	442.3	245.1	256.0	172.8	291	1867-1977DCT	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	441.6	231.8	256.0	172.5	290	1867-1890DCT	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	439.3	230.2	256.0	171.6	290	1867-1890DCT	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	439.1	243.0	256.0	171.5	291	1867-1977DCT	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	436.3	241.1	256.0	170.4	291	1867-1977DCT	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	433.4	238.5	256.0	169.3	295	1867-1977DCT	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	429.9	236.2	256.0	167.9	295	1867-1977DCT	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	428.0	234.8	256.0	167.2	295	1867-1977DCT	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	427.8	234.1	256.0	167.1	291	1867-1977DCT	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	424.4	231.8	256.0	165.8	291	1867-1977DCT	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	422.0	230.2	256.0	164.8	291	1867-1977DCT	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	414.1	250.5	256.0	161.8	55	1389LINE	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	409.8	248.0	256.0	160.1	55	1389LINE	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	408.7	250.5	256.0	159.6	247	113091001DCT	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	407.2	248.0	256.0	159.1	247	113091001DCT	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	406.6	246.1	256.0	158.8	55	1389LINE	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	406.2	246.1	256.0	158.7	247	113091001DCT	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	406.4	245.1	256.0	158.7	51	1389LINE	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	405.8	245.1	256.0	158.5	243	113091001DCT	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	404.7	243.0	256.0	158.1	243	113091001DCT	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	403.8	241.1	256.0	157.7	243	113091001DCT	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	402.7	238.5	256.0	157.3	247	113091001DCT	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	402.5	243.0	256.0	157.2	51	1389LINE	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	401.5	236.2	256.0	156.8	247	113091001DCT	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	401.2	234.8	256.0	156.7	247	113091001DCT	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	401.0	234.1	256.0	156.6	243	113091001DCT	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	399.8	231.8	256.0	156.2	243	113091001DCT	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	399.1	230.2	256.0	155.9	243	113091001DCT	11C (ESB)	FIX	Recond	700	ON

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	TP	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73169	RYTN J A 115 73172 NORWALK	115 1	LN	399.2	241.1	256.0	155.9	51	1389LINE	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	397.0	250.5	256.0	155.1	367	FLAXHILL2T	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	396.0	238.5	256.0	154.7	55	1389LINE	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	393.0	248.0	256.0	153.5	367	FLAXHILL2T	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	391.9	236.2	256.0	153.1	55	1389LINE	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	389.9	246.1	256.0	152.3	367	FLAXHILL2T	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	389.5	245.1	256.0	152.2	363	FLAXHILL2T	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	389.3	234.8	256.0	152.1	55	1389LINE	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	389.5	234.1	256.0	152.1	51	1389LINE	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	385.9	243.0	256.0	150.7	363	FLAXHILL2T	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	385.3	231.8	256.0	150.5	51	1389LINE	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	382.9	250.5	256.0	149.6	153	1867LINE	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	382.9	250.5	256.0	149.6	397	NORWLKHAR7T	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	382.7	241.1	256.0	149.5	363	FLAXHILL2T	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	382.3	230.2	256.0	149.3	51	1389LINE	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	379.5	238.5	256.0	148.2	367	FLAXHILL2T	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	378.8	248.0	256.0	148.0	153	1867LINE	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	378.8	248.0	256.0	148.0	397	NORWLKHAR7T	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	375.5	250.5	256.0	146.7	246	1130-1430DCT	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	375.7	246.1	256.0	146.7	153	1867LINE	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	375.5	236.2	256.0	146.7	367	FLAXHILL2T	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	375.7	246.1	256.0	146.7	397	NORWLKHAR7T	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	375.4	245.1	256.0	146.6	149	1867LINE	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	375.4	245.1	256.0	146.6	393	NORWLKHAR7T	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	374.1	248.0	256.0	146.1	246	1130-1430DCT	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	373.3	246.1	256.0	145.8	246	1130-1430DCT	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	373.1	250.5	256.0	145.7	261	1416-1890DCT	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	373.0	234.8	256.0	145.7	367	FLAXHILL2T	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	373.0	234.1	256.0	145.7	363	FLAXHILL2T	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	372.6	245.1	256.0	145.5	242	1130-1430DCT	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	371.9	248.0	256.0	145.3	261	1416-1890DCT	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	371.8	243.0	256.0	145.2	242	1130-1430DCT	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	371.6	243.0	256.0	145.2	149	1867LINE	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	371.6	243.0	256.0	145.2	393	NORWLKHAR7T	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	371.1	246.1	256.0	145.0	261	1416-1890DCT	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	370.9	241.1	256.0	144.9	242	1130-1430DCT	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	370.4	245.1	256.0	144.7	257	1416-1890DCT	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	369.7	238.5	256.0	144.4	246	1130-1430DCT	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	369.5	243.0	256.0	144.4	257	1416-1890DCT	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	369.0	231.8	256.0	144.2	363	FLAXHILL2T	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	368.7	236.2	256.0	144.0	246	1130-1430DCT	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	368.6	234.8	256.0	144.0	246	1130-1430DCT	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	368.8	241.1	256.0	144.0	257	1416-1890DCT	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	368.4	241.1	256.0	143.9	149	1867LINE	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	368.4	241.1	256.0	143.9	393	NORWLKHAR7T	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	368.0	234.1	256.0	143.8	242	1130-1430DCT	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	367.5	238.5	256.0	143.6	261	1416-1890DCT	23C (ESB)	FIX	Recond	-700	OFF

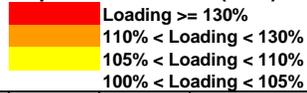
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73169 RYTN J A 115 73172 NORWALK 115 1 LN	367.1	231.8	256.0	143.4	242	1130-1430DCT	3C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	366.6	230.2	256.0	143.2	242	1130-1430DCT	11C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	366.6	236.2	256.0	143.2	261	1416-1890DCT	7C (ESB)	FIX	Recond	0	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	366.5	234.8	256.0	143.2	261	1416-1890DCT	15C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	366.1	230.2	256.0	143.0	363	FLAXHILL2T	11C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	365.9	234.1	256.0	142.9	257	1416-1890DCT	19C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	365.2	238.5	256.0	142.7	153	1867LINE	23C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	365.2	238.5	256.0	142.7	397	NORWLKHAR7T	23C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	365.0	231.8	256.0	142.6	257	1416-1890DCT	3C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	364.5	230.2	256.0	142.4	257	1416-1890DCT	11C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	361.2	236.2	256.0	141.1	153	1867LINE	7C (ESB)	FIX	Recond	0	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	361.2	236.2	256.0	141.1	397	NORWLKHAR7T	7C (ESB)	FIX	Recond	0	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	358.6	234.8	256.0	140.1	153	1867LINE	15C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	358.7	234.1	256.0	140.1	149	1867LINE	19C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	358.6	234.8	256.0	140.1	397	NORWLKHAR7T	15C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	358.7	234.1	256.0	140.1	393	NORWLKHAR7T	19C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	354.7	231.8	256.0	138.5	149	1867LINE	3C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	354.7	231.8	256.0	138.5	393	NORWLKHAR7T	3C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	351.7	230.2	256.0	137.4	149	1867LINE	11C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	351.7	230.2	256.0	137.4	393	NORWLKHAR7T	11C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	349.3	250.5	256.0	136.4	298	1890-1977DCT	22C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	348.1	248.0	256.0	136.0	298	1890-1977DCT	6C (ESB)	FIX	Recond	0	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	347.3	246.1	256.0	135.7	298	1890-1977DCT	14C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	346.6	245.1	256.0	135.4	294	1890-1977DCT	18C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	345.8	243.0	256.0	135.1	294	1890-1977DCT	2C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	345.0	241.1	256.0	134.8	294	1890-1977DCT	10C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	343.9	238.5	256.0	134.3	298	1890-1977DCT	23C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	342.9	236.2	256.0	134.0	298	1890-1977DCT	7C (ESB)	FIX	Recond	0	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	342.8	234.8	256.0	133.9	298	1890-1977DCT	15C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	342.3	234.1	256.0	133.7	294	1890-1977DCT	19C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	341.4	231.8	256.0	133.3	294	1890-1977DCT	3C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	340.9	230.2	256.0	133.2	294	1890-1977DCT	11C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	324.2	250.5	256.0	126.6	199	91001LINE	22C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	322.2	248.0	256.0	125.9	199	91001LINE	6C (ESB)	FIX	Recond	0	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	320.7	246.1	256.0	125.3	199	91001LINE	14C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	320.1	245.1	256.0	125.0	195	91001LINE	18C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	318.3	243.0	256.0	124.4	195	91001LINE	2C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	316.8	241.1	256.0	123.8	195	91001LINE	10C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	315.0	238.5	256.0	123.0	199	91001LINE	23C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	313.1	236.2	256.0	122.3	199	91001LINE	7C (ESB)	FIX	Recond	0	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	312.1	234.8	256.0	121.9	199	91001LINE	15C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	311.8	234.1	256.0	121.8	195	91001LINE	19C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	310.0	231.8	256.0	121.1	195	91001LINE	3C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	308.7	230.2	256.0	120.6	195	91001LINE	11C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	304.5	250.5	256.0	118.9	28	1130LINE	22C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	303.3	250.5	256.0	118.5	328	ASHCREKKBKR	22C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	302.8	250.5	256.0	118.3	400	PEQUON12STK	22C (ESB)	FIX	Recond	-700	OFF			

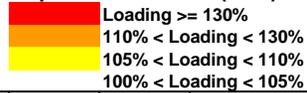
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73169	RYTN J A 115 73172 NORWALK	115 1	LN	302.3	248.0	256.0	118.1	28	1130LINE	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	301.4	248.0	256.0	117.7	328	ASHCREEKBKR	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	300.8	246.1	256.0	117.5	28	1130LINE	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	300.5	248.0	256.0	117.4	400	PEQUON12TSTK	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	300.0	245.1	256.0	117.2	24	1130LINE	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	300.0	246.1	256.0	117.2	328	ASHCREEKBKR	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	250.5	250.5	214.0	117.0		** Base Case **	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	299.1	245.1	256.0	116.8	324	ASHCREEKBKR	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	298.9	246.1	256.0	116.7	400	PEQUON12TSTK	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	298.2	243.0	256.0	116.5	24	1130LINE	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	298.1	250.5	256.0	116.5	59	1430LINE	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	297.7	245.1	256.0	116.3	396	PEQUON12TSTK	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	297.6	243.0	256.0	116.2	324	ASHCREEKBKR	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	248.0	248.0	214.0	115.9		** Base Case **	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	296.7	241.1	256.0	115.9	24	1130LINE	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	296.2	248.0	256.0	115.7	59	1430LINE	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	296.2	241.1	256.0	115.7	324	ASHCREEKBKR	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	295.8	243.0	256.0	115.5	396	PEQUON12TSTK	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	295.0	250.5	256.0	115.2	29	1130+1416LNS	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	294.8	246.1	256.0	115.2	59	1430LINE	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	294.5	238.5	256.0	115.1	28	1130LINE	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	246.1	246.1	214.0	115.0		** Base Case **	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	294.1	245.1	256.0	114.9	55	1430LINE	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	294.1	238.5	256.0	114.9	328	ASHCREEKBKR	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	294.0	241.1	256.0	114.8	396	PEQUON12TSTK	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	245.1	245.1	214.0	114.6		** Base Case **	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	293.2	250.5	256.0	114.5	410	SASCOCR1T	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	292.9	248.0	256.0	114.4	29	1130+1416LNS	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	293.0	250.5	256.0	114.4	372	GLENBROOK8T	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	292.6	236.2	256.0	114.3	28	1130LINE	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	292.7	250.5	256.0	114.3	58	1416LINE	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	292.5	250.5	256.0	114.3	158	1890LINE	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	292.5	236.2	256.0	114.3	328	ASHCREEKBKR	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	292.5	250.5	256.0	114.3	393	NORWLKHAR1T	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	292.5	243.0	256.0	114.2	55	1430LINE	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	291.7	234.8	256.0	114.0	328	ASHCREEKBKR	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	291.6	234.8	256.0	113.9	28	1130LINE	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	291.4	246.1	256.0	113.8	29	1130+1416LNS	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	291.4	248.0	256.0	113.8	410	SASCOCR1T	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	291.1	234.1	256.0	113.7	24	1130LINE	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	291.1	241.1	256.0	113.7	55	1430LINE	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	291.0	234.1	256.0	113.7	324	ASHCREEKBKR	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	291.1	248.0	256.0	113.7	372	GLENBROOK8T	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	291.1	238.5	256.0	113.7	400	PEQUON12TSTK	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	290.7	248.0	256.0	113.6	158	1890LINE	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	290.7	248.0	256.0	113.6	393	NORWLKHAR1T	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	243.0	243.0	214.0	113.5		** Base Case **	2C (ESB)	FIX	Recond	0	ON

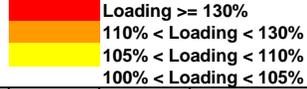
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73169	RYTN J A 115 73172 NORWALK	115 1	LN	290.5	245.1	256.0	113.5	25	1130+1416LNS	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	290.6	248.0	256.0	113.5	58	1416LINE	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	290.0	246.1	256.0	113.3	410	SASCOCR1T	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	289.8	246.1	256.0	113.2	372	GLENBROOK8T	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	289.2	231.8	256.0	113.0	24	1130LINE	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	289.2	238.5	256.0	113.0	59	1430LINE	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	289.3	246.1	256.0	113.0	158	1890LINE	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	289.4	231.8	256.0	113.0	324	ASHCREEKBKR	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	289.3	246.1	256.0	113.0	393	NORWLKHAR1T	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	289.2	245.1	256.0	113.0	406	SASCOCR1T	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	289.1	246.1	256.0	112.9	58	1416LINE	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.9	245.1	256.0	112.9	368	GLENBROOK8T	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	289.1	236.2	256.0	112.9	400	PEQUON12TSTK	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.8	243.0	256.0	112.8	25	1130+1416LNS	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	241.1	241.1	214.0	112.7		** Base Case **	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.6	245.1	256.0	112.7	154	1890LINE	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.6	245.1	256.0	112.7	389	NORWLKHAR1T	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.2	245.1	256.0	112.6	54	1416LINE	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.3	230.2	256.0	112.6	324	ASHCREEKBKR	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.9	230.2	256.0	112.5	24	1130LINE	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.0	234.8	256.0	112.5	400	PEQUON12TSTK	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.7	243.0	256.0	112.4	406	SASCOCR1T	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.5	236.2	256.0	112.3	59	1430LINE	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.4	243.0	256.0	112.3	368	GLENBROOK8T	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.3	241.1	256.0	112.2	25	1130+1416LNS	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.0	243.0	256.0	112.1	154	1890LINE	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.0	243.0	256.0	112.1	389	NORWLKHAR1T	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	286.9	234.1	256.0	112.1	396	PEQUON12TSTK	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	286.6	234.8	256.0	112.0	59	1430LINE	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	286.5	243.0	256.0	111.9	54	1416LINE	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	286.1	234.1	256.0	111.8	55	1430LINE	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	286.3	241.1	256.0	111.8	406	SASCOCR1T	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	286.0	241.1	256.0	111.7	368	GLENBROOK8T	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	285.6	241.1	256.0	111.6	154	1890LINE	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	285.6	241.1	256.0	111.6	389	NORWLKHAR1T	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	238.5	238.5	214.0	111.4		** Base Case **	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	285.1	238.5	256.0	111.4	29	1130+1416LNS	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	285.0	241.1	256.0	111.3	54	1416LINE	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	284.9	231.8	256.0	111.3	396	PEQUON12TSTK	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	284.4	231.8	256.0	111.1	55	1430LINE	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	284.4	238.5	256.0	111.1	410	SASCOCR1T	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	284.1	238.5	256.0	111.0	372	GLENBROOK8T	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	283.8	238.5	256.0	110.8	158	1890LINE	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	283.8	238.5	256.0	110.8	393	NORWLKHAR1T	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	283.4	230.2	256.0	110.7	396	PEQUON12TSTK	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	283.2	236.2	256.0	110.6	29	1130+1416LNS	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	283.2	230.2	256.0	110.6	55	1430LINE	11C (ESB)	FIX	Recond	700	ON

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	TP	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73169	RYTN J A 115 73172 NORWALK	115 1	LN	282.9	238.5	256.0	110.5	58	1416LINE	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	236.2	236.2	214.0	110.4		** Base Case **	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	282.7	250.5	256.0	110.4	345	DARIEN1T	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	282.7	236.2	256.0	110.4	410	SASCOCR1T	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	282.3	234.8	256.0	110.3	29	1130+1416LNS	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	282.3	236.2	256.0	110.3	372	GLENBROOK8T	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	282.0	236.2	256.0	110.2	158	1890LINE	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	282.0	236.2	256.0	110.2	393	NORWLKHAR1T	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	281.9	234.8	256.0	110.1	410	SASCOCR1T	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	281.6	234.1	256.0	110.0	25	1130+1416LNS	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	281.5	234.8	256.0	110.0	372	GLENBROOK8T	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	281.4	234.1	256.0	109.9	406	SASCOCR1T	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	281.0	236.2	256.0	109.8	58	1416LINE	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	281.2	234.8	256.0	109.8	158	1890LINE	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	281.2	234.8	256.0	109.8	393	NORWLKHAR1T	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	234.8	234.8	214.0	109.7		** Base Case **	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	280.9	234.1	256.0	109.7	368	GLENBROOK8T	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	280.7	234.1	256.0	109.6	154	1890LINE	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	280.7	248.0	256.0	109.6	345	DARIEN1T	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	280.7	234.1	256.0	109.6	389	NORWLKHAR1T	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	234.1	234.1	214.0	109.4		** Base Case **	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	280.0	234.8	256.0	109.4	58	1416LINE	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	279.8	231.8	256.0	109.3	25	1130+1416LNS	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	279.7	231.8	256.0	109.3	406	SASCOCR1T	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	279.7	250.5	256.0	109.3	413	SOUTHEND6T	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	279.5	234.1	256.0	109.2	54	1416LINE	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	279.2	246.1	256.0	109.1	345	DARIEN1T	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	279.3	231.8	256.0	109.1	368	GLENBROOK8T	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	279.0	231.8	256.0	109.0	154	1890LINE	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	279.0	250.5	256.0	109.0	164	1977LINENEW	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	279.0	231.8	256.0	109.0	389	NORWLKHAR1T	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	278.5	230.2	256.0	108.8	25	1130+1416LNS	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	278.5	230.2	256.0	108.8	406	SASCOCR1T	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	278.2	245.1	256.0	108.7	341	DARIEN1T	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	278.1	230.2	256.0	108.6	368	GLENBROOK8T	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	277.8	230.2	256.0	108.5	154	1890LINE	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	277.8	230.2	256.0	108.5	389	NORWLKHAR1T	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	277.6	231.8	256.0	108.4	54	1416LINE	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	277.6	248.0	256.0	108.4	413	SOUTHEND6T	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	231.8	231.8	214.0	108.3		** Base Case **	3C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	277.0	248.0	256.0	108.2	164	1977LINENEW	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	276.6	243.0	256.0	108.0	341	DARIEN1T	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	276.3	230.2	256.0	107.9	54	1416LINE	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	276.2	246.1	256.0	107.9	413	SOUTHEND6T	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	230.2	230.2	214.0	107.6		** Base Case **	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	275.5	246.1	256.0	107.6	164	1977LINENEW	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	275.2	241.1	256.0	107.5	341	DARIEN1T	10C (ESB)	FIX	Recond	700	ON

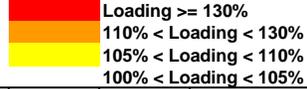
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73169 RYTN J A 115 73172 NORWALK 115 1 LN	275.2	245.1	256.0	107.5	409	SOUTHEND6T	18C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	274.5	245.1	256.0	107.2	160	1977LINENEW	18C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	273.5	243.0	256.0	106.8	409	SOUTHEND6T	2C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	272.8	243.0	256.0	106.6	160	1977LINENEW	2C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	272.9	238.5	256.0	106.6	345	DARIEN1T	23C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	272.0	241.1	256.0	106.3	409	SOUTHEND6T	10C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	271.4	241.1	256.0	106.0	160	1977LINENEW	10C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	271.1	236.2	256.0	105.9	345	DARIEN1T	7C (ESB)	FIX	Recond	0	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	270.2	234.8	256.0	105.6	345	DARIEN1T	15C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	270.0	250.5	256.0	105.5	412	SOUTHEND5T	22C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	269.9	238.5	256.0	105.4	413	SOUTHEND6T	23C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	269.4	234.1	256.0	105.3	341	DARIEN1T	19C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	269.2	238.5	256.0	105.2	164	1977LINENEW	23C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	268.0	248.0	256.0	104.7	412	SOUTHEND5T	6C (ESB)	FIX	Recond	0	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	268.0	236.2	256.0	104.7	413	SOUTHEND6T	7C (ESB)	FIX	Recond	0	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	267.7	231.8	256.0	104.6	341	DARIEN1T	3C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	267.6	246.1	256.0	104.5	203	312+393LNS	14C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	267.6	246.1	256.0	104.5	204	312+393REAC	14C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	267.6	246.1	256.0	104.5	202	312LINE	14C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	267.3	236.2	256.0	104.4	164	1977LINENEW	7C (ESB)	FIX	Recond	0	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	267.4	246.1	256.0	104.4	458	NMSTBKREAC	14C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	267.4	246.1	256.0	104.4	457	NOMNTSTBKR	14C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	267.1	234.8	256.0	104.3	413	SOUTHEND6T	15C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	266.4	234.8	256.0	104.1	164	1977LINENEW	15C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	266.5	230.2	256.0	104.1	341	DARIEN1T	11C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	266.5	246.1	256.0	104.1	412	SOUTHEND5T	14C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	266.4	234.1	256.0	104.1	409	SOUTHEND6T	19C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	266.0	250.5	256.0	103.9	475	SNGPEQ-XFR	22C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	265.7	234.1	256.0	103.8	160	1977LINENEW	19C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	265.4	246.1	256.0	103.7	230	393LINE	14C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	265.5	250.5	256.0	103.7	299	8100-8200DCT	22C (ESB)	FIX	Recond	-700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	265.5	245.1	256.0	103.7	408	SOUTHEND5T	18C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	264.6	231.8	256.0	103.4	409	SOUTHEND6T	3C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	263.9	231.8	256.0	103.1	160	1977LINENEW	3C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	263.9	245.1	256.0	103.1	295	8100-8200DCT	18C (ESB)	FIX	Recond	-700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	263.9	243.0	256.0	103.1	408	SOUTHEND5T	2C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	263.3	230.2	256.0	102.9	409	SOUTHEND6T	11C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	263.3	248.0	256.0	102.8	475	SNGPEQ-XFR	6C (ESB)	FIX	Recond	0	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	262.9	248.0	256.0	102.7	299	8100-8200DCT	6C (ESB)	FIX	Recond	0	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	262.7	230.2	256.0	102.6	160	1977LINENEW	11C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	262.4	241.1	256.0	102.5	408	SOUTHEND5T	10C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	261.6	243.0	256.0	102.2	295	8100-8200DCT	2C (ESB)	FIX	Recond	0	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	261.3	241.1	256.0	102.1	199	312+393LNS	10C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	261.3	241.1	256.0	102.1	200	312+393REAC	10C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	261.3	241.1	256.0	102.1	198	312LINE	10C (ESB)	FIX	Recond	700	ON			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	261.0	246.1	256.0	102.0	299	8100-8200DCT	14C (ESB)	FIX	Recond	700	OFF			
73169 RYTN J A 115 73172 NORWALK 115 1 LN	261.1	241.1	256.0	102.0	454	NMSTBKREAC	10C (ESB)	FIX	Recond	700	ON			

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73169	RYTN J A 115 73172 NORWALK	115 1	LN	261.1	241.1	256.0	102.0	453	NOMNMTSTBKR	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	261.2	246.1	256.0	102.0	475	SNGPEQ-XFR	14C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	260.5	234.1	256.0	101.8	225	387SLINE	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	260.3	234.1	256.0	101.7	296	1460-387S-DCT	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	260.3	238.5	256.0	101.7	412	SOUTHEND5T	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	260.2	250.5	256.0	101.6	357	DEVON24TSTK	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	259.9	250.5	256.0	101.5	255	1310-1763DCT	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	259.7	241.1	256.0	101.4	295	8100-820DCT	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	259.5	245.1	256.0	101.4	471	SNGPEQ-XFR	18C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	259.1	241.1	256.0	101.2	226	393LINE	10C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	258.7	248.0	256.0	101.1	458	NMSTBKREAC	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	258.7	248.0	256.0	101.1	457	NOMNMTSTBKR	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	258.6	248.0	256.0	101.0	203	312+393LNS	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	258.6	248.0	256.0	101.0	204	312+393REAC	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	258.6	248.0	256.0	101.0	202	312LINE	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	258.5	236.2	256.0	101.0	412	SOUTHEND5T	7C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	257.7	248.0	256.0	100.7	357	DEVON24TSTK	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	257.4	248.0	256.0	100.6	255	1310-1763DCT	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	257.5	234.8	256.0	100.6	412	SOUTHEND5T	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	257.3	250.5	256.0	100.5	427	STEVENSNSSTK	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	257.1	230.2	256.0	100.4	229	398LINE	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	257.1	230.2	256.0	100.4	230	398LREAC	11C (ESB)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	257.1	243.0	256.0	100.4	471	SNGPEQ-XFR	2C (ESB)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.8	250.5	256.0	100.3	248	1163-1550D-2	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.8	250.5	256.0	100.3	290	1800-1810DCT	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.8	250.5	256.0	100.3	423	SOTHNGTN24T	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.8	250.5	256.0	100.3	426	SOTHNGTN28T	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.8	234.1	256.0	100.3	408	SOUTHEND5T	19C (ESB)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.6	250.5	256.0	100.2	268	1560-1570DCT	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.5	250.5	256.0	100.2	288	1770-1887DCT	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.6	248.0	256.0	100.2	230	393LINE	6C (ESB)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.5	234.8	256.0	100.2	233	398LINE	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.5	234.8	256.0	100.2	234	398LREAC	15C (ESB)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.4	250.5	256.0	100.2	387	MIXAVE1	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.5	250.5	256.0	100.2	428	STONYHILL1T	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.3	238.5	256.0	100.1	229	387SLINE	23C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.1	250.5	256.0	100.0	266	1505-1607DCT	22C (ESB)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	256.1	250.5	256.0	100.0	432	TRIANGLE4T	22C (ESB)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73176 TRIANGLE	115 1	LN	255.2	79.6	138.0	184.9	431	TRIANGLE3T	22C (ESB)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73176 TRIANGLE	115 1	LN	253.9	79.5	138.0	184.0	431	TRIANGLE3T	17C (ESB)	FIX	Recond	700	OFF
73170	PLUMTREE 115 73176 TRIANGLE	115 1	LN	253.8	79.5	138.0	183.9	431	TRIANGLE3T	6C (ESB)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73176 TRIANGLE	115 1	LN	253.6	79.5	138.0	183.8	431	TRIANGLE3T	9C (ESB)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73176 TRIANGLE	115 1	LN	253.7	79.7	138.0	183.8	431	TRIANGLE3T	15C (ESB)	FIX	Recond	700	OFF
73170	PLUMTREE 115 73176 TRIANGLE	115 1	LN	253.4	79.4	138.0	183.6	431	TRIANGLE3T	25C (ESB)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73176 TRIANGLE	115 1	LN	253.3	79.4	138.0	183.5	431	TRIANGLE3T	14C (ESB)	FIX	Recond	700	OFF
73170	PLUMTREE 115 73176 TRIANGLE	115 1	LN	242.8	79.6	138.0	175.9	427	TRIANGLE3T	18C (ESB)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73176 TRIANGLE	115 1	LN	242.3	79.6	138.0	175.6	427	TRIANGLE3T	2C (ESB)	FIX	Recond	0	ON

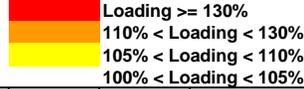
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	242.1	79.6	138.0	175.4	431	TRIANGLE3T	23C (ESB)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	241.9	79.7	138.0	175.3	431	TRIANGLE3T	7C (ESB)	FIX	Recond	0	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	241.6	79.6	138.0	175.1	427	TRIANGLE3T	10C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	240.7	79.5	138.0	174.4	427	TRIANGLE3T	13C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	240.4	79.6	138.0	174.2	427	TRIANGLE3T	11C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	240.3	79.5	138.0	174.1	427	TRIANGLE3T	5C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	240.2	79.6	138.0	174.1	431	TRIANGLE3T	16C (ESB)	FIX	Recond	700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	240.1	79.5	138.0	174.0	427	TRIANGLE3T	3C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	240.2	79.5	138.0	174.0	427	TRIANGLE3T	19C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	240.1	79.4	138.0	174.0	427	TRIANGLE3T	21C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	239.4	79.6	138.0	173.4	427	TRIANGLE3T	12C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	238.9	79.5	138.0	173.1	431	TRIANGLE3T	8C (ESB)	FIX	Recond	0	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	237.9	79.4	138.0	172.4	427	TRIANGLE3T	4C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	237.5	79.4	138.0	172.1	431	TRIANGLE3T	24C (ESB)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	236.5	79.3	138.0	171.3	427	TRIANGLE3T	20C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.8	79.7	138.0	105.0	32	1165LINE	15C (ESB)	FIX	Recond	700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.8	79.7	138.0	104.9	32	1165LINE	7C (ESB)	FIX	Recond	0	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.7	79.6	138.0	104.9	32	1165LINE	23C (ESB)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.6	79.6	138.0	104.8	28	1165LINE	2C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.6	79.6	138.0	104.8	28	1165LINE	10C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.6	79.6	138.0	104.8	28	1165LINE	11C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.7	79.6	138.0	104.8	32	1165LINE	16C (ESB)	FIX	Recond	700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.7	79.6	138.0	104.8	28	1165LINE	18C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.6	79.6	138.0	104.8	32	1165LINE	22C (ESB)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.5	79.5	138.0	104.7	28	1165LINE	3C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.4	79.5	138.0	104.7	32	1165LINE	8C (ESB)	FIX	Recond	0	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.5	79.6	138.0	104.7	28	1165LINE	12C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.5	79.5	138.0	104.7	28	1165LINE	13C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.5	79.5	138.0	104.7	32	1165LINE	17C (ESB)	FIX	Recond	700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.4	79.5	138.0	104.7	28	1165LINE	19C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.3	79.4	138.0	104.6	28	1165LINE	4C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.4	79.5	138.0	104.6	28	1165LINE	5C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.4	79.5	138.0	104.6	32	1165LINE	6C (ESB)	FIX	Recond	0	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.4	79.5	138.0	104.6	32	1165LINE	9C (ESB)	FIX	Recond	0	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.3	79.4	138.0	104.6	28	1165LINE	21C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.3	79.4	138.0	104.6	32	1165LINE	25C (ESB)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.3	79.4	138.0	104.5	32	1165LINE	14C (ESB)	FIX	Recond	700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.2	79.4	138.0	104.5	32	1165LINE	24C (ESB)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.0	79.3	138.0	104.3	28	1165LINE	20C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.9	79.7	138.0	100.7	406	PLUMTREE31T	7C (ESB)	FIX	Recond	0	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	139.0	79.7	138.0	100.7	406	PLUMTREE31T	15C (ESB)	FIX	Recond	700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.8	79.6	138.0	100.6	402	PLUMTREE31T	11C (ESB)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.9	79.6	138.0	100.6	406	PLUMTREE31T	16C (ESB)	FIX	Recond	700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.8	79.6	138.0	100.6	402	PLUMTREE31T	18C (ESB)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.9	79.6	138.0	100.6	406	PLUMTREE31T	23C (ESB)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.8	79.6	138.0	100.5	402	PLUMTREE31T	2C (ESB)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.7	79.5	138.0	100.5	402	PLUMTREE31T	3C (ESB)	FIX	Recond	0	ON		

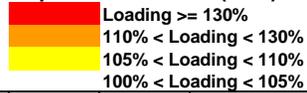
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.6	79.5	138.0	100.5	406	PLUMTREE31T	8C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.7	79.6	138.0	100.5	402	PLUMTREE31T	10C (ESB)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.7	79.6	138.0	100.5	402	PLUMTREE31T	12C (ESB)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.6	79.5	138.0	100.5	402	PLUMTREE31T	13C (ESB)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.7	79.5	138.0	100.5	402	PLUMTREE31T	19C (ESB)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.7	79.6	138.0	100.5	406	PLUMTREE31T	22C (ESB)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.5	79.4	138.0	100.4	402	PLUMTREE31T	4C (ESB)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.5	79.5	138.0	100.4	402	PLUMTREE31T	5C (ESB)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.5	79.5	138.0	100.4	406	PLUMTREE31T	9C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.6	79.5	138.0	100.4	406	PLUMTREE31T	17C (ESB)	FIX	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.5	79.4	138.0	100.4	402	PLUMTREE31T	21C (ESB)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.5	79.5	138.0	100.3	406	PLUMTREE31T	6C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.4	79.4	138.0	100.3	406	PLUMTREE31T	14C (ESB)	FIX	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.4	79.4	138.0	100.3	406	PLUMTREE31T	24C (ESB)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.4	79.4	138.0	100.3	406	PLUMTREE31T	25C (ESB)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	138.3	79.3	138.0	100.2	402	PLUMTREE31T	20C (ESB)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	224.4	84.3	166.0	135.2	240	1060-1270DCT	15C (ESB)	FIX	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	224.3	84.2	166.0	135.1	240	1060-1270DCT	7C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	224.2	84.2	166.0	135.1	240	1060-1270DCT	16C (ESB)	FIX	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	224.2	84.2	166.0	135.1	240	1060-1270DCT	23C (ESB)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	224.1	84.1	166.0	135.0	236	1060-1270DCT	2C (ESB)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	224.0	84.1	166.0	135.0	236	1060-1270DCT	10C (ESB)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	224.1	84.1	166.0	135.0	236	1060-1270DCT	11C (ESB)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	224.2	84.2	166.0	135.0	236	1060-1270DCT	18C (ESB)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	224.1	84.1	166.0	135.0	240	1060-1270DCT	22C (ESB)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.9	84.1	166.0	134.9	236	1060-1270DCT	3C (ESB)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.9	84.1	166.0	134.9	240	1060-1270DCT	8C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	224.0	84.1	166.0	134.9	236	1060-1270DCT	12C (ESB)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.9	84.1	166.0	134.9	236	1060-1270DCT	13C (ESB)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.9	84.1	166.0	134.9	240	1060-1270DCT	17C (ESB)	FIX	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.9	84.0	166.0	134.9	236	1060-1270DCT	19C (ESB)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.7	84.0	166.0	134.8	236	1060-1270DCT	4C (ESB)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.8	84.0	166.0	134.8	236	1060-1270DCT	5C (ESB)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.8	84.0	166.0	134.8	240	1060-1270DCT	6C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.8	84.0	166.0	134.8	240	1060-1270DCT	9C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.7	84.0	166.0	134.8	240	1060-1270DCT	14C (ESB)	FIX	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.7	84.0	166.0	134.8	236	1060-1270DCT	21C (ESB)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.7	84.0	166.0	134.8	240	1060-1270DCT	25C (ESB)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.5	83.9	166.0	134.7	240	1060-1270DCT	24C (ESB)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	223.3	83.9	166.0	134.5	236	1060-1270DCT	20C (ESB)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73268 MIDLDRIV 115 1	LN	361.5	58.1	126.0	286.9	430	TRIANGLE2T	15C (ESB)	FIX	Recond	700	OFF	
73170	PLUMTREE 115 73268 MIDLDRIV 115 1	LN	361.5	58.0	126.0	286.9	430	TRIANGLE2T	22C (ESB)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73268 MIDLDRIV 115 1	LN	361.3	58.0	126.0	286.7	430	TRIANGLE2T	17C (ESB)	FIX	Recond	700	OFF	
73170	PLUMTREE 115 73268 MIDLDRIV 115 1	LN	361.1	58.0	126.0	286.6	430	TRIANGLE2T	6C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73268 MIDLDRIV 115 1	LN	361.1	58.0	126.0	286.6	430	TRIANGLE2T	9C (ESB)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73268 MIDLDRIV 115 1	LN	361.0	57.9	126.0	286.5	430	TRIANGLE2T	14C (ESB)	FIX	Recond	700	OFF	
73170	PLUMTREE 115 73268 MIDLDRIV 115 1	LN	361.0	57.9	126.0	286.5	430	TRIANGLE2T	25C (ESB)	FIX	Recond	-700	OFF	

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	357.5	58.1	126.0	283.8	426	TRIANGLE2T	18C (ESB)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	357.5	58.0	126.0	283.7	426	TRIANGLE2T	2C (ESB)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	357.5	58.1	126.0	283.7	430	TRIANGLE2T	7C (ESB)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	357.5	58.1	126.0	283.7	430	TRIANGLE2T	23C (ESB)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	357.3	58.0	126.0	283.6	426	TRIANGLE2T	10C (ESB)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	357.3	58.1	126.0	283.6	430	TRIANGLE2T	16C (ESB)	FIX	Recond	700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	357.1	58.0	126.0	283.4	426	TRIANGLE2T	11C (ESB)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	357.1	58.0	126.0	283.4	426	TRIANGLE2T	13C (ESB)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	356.9	58.0	126.0	283.3	426	TRIANGLE2T	3C (ESB)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	356.9	58.0	126.0	283.3	426	TRIANGLE2T	12C (ESB)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	356.9	58.0	126.0	283.2	426	TRIANGLE2T	5C (ESB)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	356.9	58.0	126.0	283.2	426	TRIANGLE2T	19C (ESB)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	356.7	58.0	126.0	283.1	430	TRIANGLE2T	8C (ESB)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	356.8	57.9	126.0	283.1	426	TRIANGLE2T	21C (ESB)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	356.4	57.9	126.0	282.9	426	TRIANGLE2T	4C (ESB)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	356.2	57.9	126.0	282.7	430	TRIANGLE2T	24C (ESB)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.9	57.9	126.0	282.5	426	TRIANGLE2T	20C (ESB)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	228.3	58.1	126.0	181.2	239	1060-1165DCT	15C (ESB)	FIX	Recond	700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	228.2	58.1	126.0	181.1	239	1060-1165DCT	7C (ESB)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	228.1	58.1	126.0	181.0	239	1060-1165DCT	16C (ESB)	FIX	Recond	700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	228.0	58.1	126.0	181.0	235	1060-1165DCT	18C (ESB)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	228.1	58.1	126.0	181.0	239	1060-1165DCT	23C (ESB)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	228.0	58.0	126.0	180.9	235	1060-1165DCT	2C (ESB)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.9	58.0	126.0	180.9	235	1060-1165DCT	10C (ESB)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.9	58.0	126.0	180.9	235	1060-1165DCT	11C (ESB)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	228.0	58.0	126.0	180.9	239	1060-1165DCT	22C (ESB)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.8	58.0	126.0	180.8	235	1060-1165DCT	3C (ESB)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.9	58.0	126.0	180.8	235	1060-1165DCT	12C (ESB)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.8	58.0	126.0	180.8	235	1060-1165DCT	13C (ESB)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.8	58.0	126.0	180.8	239	1060-1165DCT	17C (ESB)	FIX	Recond	700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.6	58.0	126.0	180.7	235	1060-1165DCT	5C (ESB)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.6	58.0	126.0	180.7	239	1060-1165DCT	6C (ESB)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.7	58.0	126.0	180.7	239	1060-1165DCT	8C (ESB)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.6	58.0	126.0	180.7	239	1060-1165DCT	9C (ESB)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.7	58.0	126.0	180.7	235	1060-1165DCT	19C (ESB)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.5	57.9	126.0	180.6	235	1060-1165DCT	4C (ESB)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.5	57.9	126.0	180.6	239	1060-1165DCT	14C (ESB)	FIX	Recond	700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.5	57.9	126.0	180.6	235	1060-1165DCT	21C (ESB)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.5	57.9	126.0	180.6	239	1060-1165DCT	25C (ESB)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.3	57.9	126.0	180.4	239	1060-1165DCT	24C (ESB)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.1	57.9	126.0	180.2	235	1060-1165DCT	20C (ESB)	FIX	Recond	-700	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	423.8	184.4	263.0	161.1	293	1867-1880DCT	25C (ESB)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	421.4	181.8	263.0	160.2	293	1867-1880DCT	9C (ESB)	FIX	Recond	0	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	419.8	179.5	263.0	159.6	289	1867-1880DCT	21C (ESB)	FIX	Recond	-700	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	419.1	179.4	263.0	159.3	293	1867-1880DCT	17C (ESB)	FIX	Recond	700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	417.4	176.8	263.0	158.7	289	1867-1880DCT	5C (ESB)	FIX	Recond	0	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	415.5	174.6	263.0	158.0	289	1867-1880DCT	13C (ESB)	FIX	Recond	700	ON

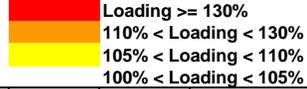
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	TP	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	400.7	153.3	263.0	152.4	293	1867-1880DCT	24C (ESB)	FIX	Recond	-700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	398.4	150.5	263.0	151.5	293	1867-1880DCT	8C (ESB)	FIX	Recond	0	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	397.4	148.7	263.0	151.1	289	1867-1880DCT	20C (ESB)	FIX	Recond	-700	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	396.4	148.2	263.0	150.7	293	1867-1880DCT	16C (ESB)	FIX	Recond	700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	395.1	145.8	263.0	150.2	289	1867-1880DCT	4C (ESB)	FIX	Recond	0	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	393.1	143.5	263.0	149.5	289	1867-1880DCT	12C (ESB)	FIX	Recond	700	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	285.1	145.8	263.0	108.4	243	113091001DCT	4C (ESB)	FIX	Recond	0	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	285.1	143.5	263.0	108.4	243	113091001DCT	12C (ESB)	FIX	Recond	700	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	285.0	148.2	263.0	108.4	247	113091001DCT	16C (ESB)	FIX	Recond	700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	285.0	148.7	263.0	108.4	243	113091001DCT	20C (ESB)	FIX	Recond	-700	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	284.9	150.5	263.0	108.3	247	113091001DCT	8C (ESB)	FIX	Recond	0	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	284.9	153.3	263.0	108.3	247	113091001DCT	24C (ESB)	FIX	Recond	-700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	284.0	176.8	263.0	108.0	243	113091001DCT	5C (ESB)	FIX	Recond	0	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	284.1	174.6	263.0	108.0	243	113091001DCT	13C (ESB)	FIX	Recond	700	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	283.9	179.4	263.0	108.0	247	113091001DCT	17C (ESB)	FIX	Recond	700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	284.0	179.5	263.0	108.0	243	113091001DCT	21C (ESB)	FIX	Recond	-700	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	283.9	181.8	263.0	107.9	247	113091001DCT	9C (ESB)	FIX	Recond	0	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	283.8	184.4	263.0	107.9	247	113091001DCT	25C (ESB)	FIX	Recond	-700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	273.2	184.4	263.0	103.9	392	NORWALKST2	25C (ESB)	FIX	Recond	-700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	271.3	184.4	263.0	103.1	260	1416-1880DCT	25C (ESB)	FIX	Recond	-700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	270.9	184.4	263.0	103.0	297	1880-1977DCT	25C (ESB)	FIX	Recond	-700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	270.6	181.8	263.0	102.9	392	NORWALKST2	9C (ESB)	FIX	Recond	0	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	269.3	184.4	263.0	102.4	371	GLENBROOK3T	25C (ESB)	FIX	Recond	-700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	269.1	181.8	263.0	102.3	260	1416-1880DCT	9C (ESB)	FIX	Recond	0	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	269.2	184.4	263.0	102.3	156	1880LINE	25C (ESB)	FIX	Recond	-700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	268.7	181.8	263.0	102.2	297	1880-1977DCT	9C (ESB)	FIX	Recond	0	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	268.7	184.4	263.0	102.2	199	91001LINE	25C (ESB)	FIX	Recond	-700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	268.5	184.4	263.0	102.1	259	1416-1867DCT	25C (ESB)	FIX	Recond	-700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	268.6	184.4	263.0	102.1	295	1867-1977DCT	25C (ESB)	FIX	Recond	-700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	268.1	181.8	263.0	102.0	199	91001LINE	9C (ESB)	FIX	Recond	0	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	268.1	179.5	263.0	102.0	388	NORWALKST2	21C (ESB)	FIX	Recond	-700	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	268.0	179.4	263.0	101.9	392	NORWALKST2	17C (ESB)	FIX	Recond	700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	267.6	179.5	263.0	101.8	195	91001LINE	21C (ESB)	FIX	Recond	-700	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	267.4	184.4	263.0	101.7	153	1867LINE	25C (ESB)	FIX	Recond	-700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	267.5	179.4	263.0	101.7	199	91001LINE	17C (ESB)	FIX	Recond	700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	266.9	179.4	263.0	101.5	260	1416-1880DCT	17C (ESB)	FIX	Recond	700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	267.0	179.5	263.0	101.5	256	1416-1880DCT	21C (ESB)	FIX	Recond	-700	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	267.0	176.8	263.0	101.5	195	91001LINE	5C (ESB)	FIX	Recond	0	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	266.9	181.8	263.0	101.5	371	GLENBROOK3T	9C (ESB)	FIX	Recond	0	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	266.6	179.5	263.0	101.4	293	1880-1977DCT	21C (ESB)	FIX	Recond	-700	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	266.7	181.8	263.0	101.4	156	1880LINE	9C (ESB)	FIX	Recond	0	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	266.4	181.8	263.0	101.3	295	1867-1977DCT	9C (ESB)	FIX	Recond	0	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	266.5	179.4	263.0	101.3	297	1880-1977DCT	17C (ESB)	FIX	Recond	700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	266.5	174.6	263.0	101.3	195	91001LINE	13C (ESB)	FIX	Recond	700	ON			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	266.3	181.8	263.0	101.2	259	1416-1867DCT	9C (ESB)	FIX	Recond	0	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	265.9	184.4	263.0	101.1	367	FLAXHILL2T	25C (ESB)	FIX	Recond	-700	OFF			
73171 NWLK HAR 115 73237 ELYAVE 115 1 LN	265.4	176.8	263.0	100.9	388	NORWALKST2	5C (ESB)	FIX	Recond	0	ON			

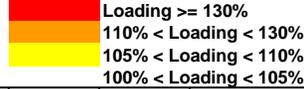
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	265.0	181.8	263.0	100.8	153	1867LINE	9C (ESB)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.7	176.8	263.0	100.7	256	1416-1880DCT	5C (ESB)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.5	179.4	263.0	100.6	371	GLENBROOK3T	17C (ESB)	FIX	Recond	700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.6	179.5	263.0	100.6	367	GLENBROOK3T	21C (ESB)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.2	179.5	263.0	100.5	255	1416-1867DCT	21C (ESB)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.2	179.4	263.0	100.5	295	1867-1977DCT	17C (ESB)	FIX	Recond	700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.3	179.5	263.0	100.5	291	1867-1977DCT	21C (ESB)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.3	176.8	263.0	100.5	293	1880-1977DCT	5C (ESB)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.4	179.4	263.0	100.5	156	1880LINE	17C (ESB)	FIX	Recond	700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.4	179.5	263.0	100.5	152	1880LINE	21C (ESB)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.1	179.4	263.0	100.4	259	1416-1867DCT	17C (ESB)	FIX	Recond	700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	263.6	181.8	263.0	100.2	367	FLAXHILL2T	9C (ESB)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	263.1	174.6	263.0	100.0	388	NORWALKST2	13C (ESB)	FIX	Recond	700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	317.2	170.7	304.0	104.4	296	1880-1890DCT	9C (ESB)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	317.3	171.7	304.0	104.4	296	1880-1890DCT	17C (ESB)	FIX	Recond	700	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	317.2	169.3	304.0	104.4	296	1880-1890DCT	25C (ESB)	FIX	Recond	-700	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.9	187.5	304.0	104.3	292	1880-1890DCT	20C (ESB)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.9	188.8	304.0	104.2	292	1880-1890DCT	4C (ESB)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.8	173.0	304.0	104.2	292	1880-1890DCT	5C (ESB)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.8	186.4	304.0	104.2	296	1880-1890DCT	8C (ESB)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.8	189.8	304.0	104.2	292	1880-1890DCT	12C (ESB)	FIX	Recond	700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.8	174.1	304.0	104.2	292	1880-1890DCT	13C (ESB)	FIX	Recond	700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.8	187.4	304.0	104.2	296	1880-1890DCT	16C (ESB)	FIX	Recond	700	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.8	171.7	304.0	104.2	292	1880-1890DCT	21C (ESB)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.8	185.1	304.0	104.2	296	1880-1890DCT	24C (ESB)	FIX	Recond	-700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	513.4	268.2	256.0	200.5	260	1416-1880DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	509.5	265.7	256.0	199.0	260	1416-1880DCT	6C (ESB)	FIX	Recond	0	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	506.7	263.8	256.0	197.9	260	1416-1880DCT	14C (ESB)	FIX	Recond	700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	506.5	263.0	256.0	197.8	256	1416-1880DCT	18C (ESB)	FIX	Recond	-700	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	503.2	260.9	256.0	196.6	256	1416-1880DCT	2C (ESB)	FIX	Recond	0	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	500.3	259.0	256.0	195.4	256	1416-1880DCT	10C (ESB)	FIX	Recond	700	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	497.5	256.5	256.0	194.3	260	1416-1880DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	493.9	254.2	256.0	192.9	260	1416-1880DCT	7C (ESB)	FIX	Recond	0	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	491.9	252.8	256.0	192.2	260	1416-1880DCT	15C (ESB)	FIX	Recond	700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	491.9	252.3	256.0	192.2	256	1416-1880DCT	19C (ESB)	FIX	Recond	-700	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	488.4	250.0	256.0	190.8	256	1416-1880DCT	3C (ESB)	FIX	Recond	0	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	486.2	268.2	256.0	189.9	297	1880-1977DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	485.9	248.3	256.0	189.8	256	1416-1880DCT	11C (ESB)	FIX	Recond	700	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	482.4	265.7	256.0	188.5	297	1880-1977DCT	6C (ESB)	FIX	Recond	0	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	479.6	263.8	256.0	187.4	297	1880-1977DCT	14C (ESB)	FIX	Recond	700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	479.3	263.0	256.0	187.2	293	1880-1977DCT	18C (ESB)	FIX	Recond	-700	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	476.1	260.9	256.0	186.0	293	1880-1977DCT	2C (ESB)	FIX	Recond	0	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	473.2	259.0	256.0	184.9	293	1880-1977DCT	10C (ESB)	FIX	Recond	700	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	470.4	256.5	256.0	183.8	297	1880-1977DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	466.9	254.2	256.0	182.4	297	1880-1977DCT	7C (ESB)	FIX	Recond	0	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	464.9	252.8	256.0	181.6	297	1880-1977DCT	15C (ESB)	FIX	Recond	700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	464.9	252.3	256.0	181.6	293	1880-1977DCT	19C (ESB)	FIX	Recond	-700	ON	

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	461.4	250.0	256.0	180.3	293	1880-1977DCT	3C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	459.0	248.3	256.0	179.3	293	1880-1977DCT	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	425.5	268.2	256.0	166.2	247	113091001DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	424.0	265.7	256.0	165.6	247	113091001DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	423.0	263.8	256.0	165.2	247	113091001DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	422.7	263.0	256.0	165.1	243	113091001DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	421.6	260.9	256.0	164.7	243	113091001DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	421.1	268.2	256.0	164.5	371	GLENBROOK3T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	420.6	259.0	256.0	164.3	243	113091001DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	419.6	256.5	256.0	163.9	247	113091001DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	418.6	268.2	256.0	163.5	392	NORWALKST2	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	418.4	254.2	256.0	163.4	247	113091001DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	418.3	268.2	256.0	163.4	156	1880LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	418.3	268.2	256.0	163.4	396	NORWLKHAR4T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	418.1	252.8	256.0	163.3	247	113091001DCT	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	418.0	252.3	256.0	163.3	243	113091001DCT	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	416.9	265.7	256.0	162.9	371	GLENBROOK3T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	416.8	250.0	256.0	162.8	243	113091001DCT	3C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	416.1	248.3	256.0	162.5	243	113091001DCT	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	414.1	265.7	256.0	161.8	156	1880LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	414.1	265.7	256.0	161.8	396	NORWLKHAR4T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	414.0	265.7	256.0	161.7	392	NORWALKST2	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	413.7	263.8	256.0	161.6	371	GLENBROOK3T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	413.1	263.0	256.0	161.4	367	GLENBROOK3T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	410.9	263.8	256.0	160.5	156	1880LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	410.9	263.0	256.0	160.5	152	1880LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	410.8	263.0	256.0	160.5	388	NORWALKST2	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	410.9	263.8	256.0	160.5	396	NORWLKHAR4T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	410.9	263.0	256.0	160.5	392	NORWLKHAR4T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	410.5	263.8	256.0	160.3	392	NORWALKST2	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	409.3	260.9	256.0	159.9	367	GLENBROOK3T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	407.2	260.9	256.0	159.0	152	1880LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	407.2	260.9	256.0	159.0	392	NORWLKHAR4T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	406.6	260.9	256.0	158.8	388	NORWALKST2	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	406.1	259.0	256.0	158.6	367	GLENBROOK3T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	403.9	259.0	256.0	157.8	152	1880LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	403.9	259.0	256.0	157.8	392	NORWLKHAR4T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	403.0	259.0	256.0	157.4	388	NORWALKST2	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	402.5	256.5	256.0	157.2	371	GLENBROOK3T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	400.9	256.5	256.0	156.6	156	1880LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	400.9	256.5	256.0	156.6	396	NORWLKHAR4T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	400.1	268.2	256.0	156.3	296	1880-1890DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	399.3	256.5	256.0	156.0	392	NORWALKST2	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	398.4	254.2	256.0	155.6	371	GLENBROOK3T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	397.9	265.7	256.0	155.4	296	1880-1890DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	396.8	254.2	256.0	155.0	156	1880LINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	396.8	254.2	256.0	155.0	396	NORWLKHAR4T	7C (ESB)	FIX	Recond	0	OFF	

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Loading >= 130%
 110% < Loading < 130%
 105% < Loading < 110%
 100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		396.2	263.8	256.0	154.8	296	1880-1890DCT	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		395.9	252.8	256.0	154.7	371	GLENBROOK3T	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		395.7	252.3	256.0	154.6	367	GLENBROOK3T	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		395.3	263.0	256.0	154.4	292	1880-1890DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		394.7	254.2	256.0	154.2	392	NORWALKST2	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		394.5	252.3	256.0	154.1	152	1880LINE	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		394.5	252.3	256.0	154.1	392	NORWLKHAR4T	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		394.2	252.8	256.0	154.0	156	1880LINE	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		394.2	252.8	256.0	154.0	396	NORWLKHAR4T	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		393.2	260.9	256.0	153.6	292	1880-1890DCT	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		392.5	268.2	256.0	153.3	246	1130-1430DCT	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		392.4	252.3	256.0	153.3	388	NORWALKST2	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		391.7	250.0	256.0	153.0	367	GLENBROOK3T	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		391.7	252.8	256.0	153.0	392	NORWALKST2	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		391.5	259.0	256.0	152.9	292	1880-1890DCT	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		391.0	265.7	256.0	152.7	246	1130-1430DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		390.4	250.0	256.0	152.5	152	1880LINE	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		390.4	250.0	256.0	152.5	392	NORWLKHAR4T	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		390.2	263.8	256.0	152.4	246	1130-1430DCT	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		389.6	263.0	256.0	152.2	242	1130-1430DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		389.6	268.2	256.0	152.2	261	1416-1890DCT	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		388.7	260.9	256.0	151.9	242	1130-1430DCT	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		388.8	256.5	256.0	151.9	296	1880-1890DCT	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		388.7	248.3	256.0	151.8	367	GLENBROOK3T	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		388.4	265.7	256.0	151.7	261	1416-1890DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		387.9	259.0	256.0	151.5	242	1130-1430DCT	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		387.9	250.0	256.0	151.5	388	NORWALKST2	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		387.5	263.8	256.0	151.4	261	1416-1890DCT	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		387.4	248.3	256.0	151.3	152	1880LINE	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		387.4	248.3	256.0	151.3	392	NORWLKHAR4T	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		386.8	256.5	256.0	151.1	246	1130-1430DCT	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		386.9	263.0	256.0	151.1	257	1416-1890DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		386.8	254.2	256.0	151.1	296	1880-1890DCT	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		386.1	260.9	256.0	150.8	257	1416-1890DCT	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		385.7	254.2	256.0	150.7	246	1130-1430DCT	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		385.6	252.8	256.0	150.6	246	1130-1430DCT	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		385.3	259.0	256.0	150.5	257	1416-1890DCT	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		385.2	252.8	256.0	150.5	296	1880-1890DCT	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		385.1	252.3	256.0	150.4	242	1130-1430DCT	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		384.6	252.3	256.0	150.2	292	1880-1890DCT	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		384.2	250.0	256.0	150.1	242	1130-1430DCT	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		384.2	256.5	256.0	150.1	261	1416-1890DCT	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		384.4	248.3	256.0	150.1	388	NORWALKST2	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		383.6	248.3	256.0	149.9	242	1130-1430DCT	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		383.2	254.2	256.0	149.7	261	1416-1890DCT	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		383.1	252.8	256.0	149.6	261	1416-1890DCT	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		382.6	252.3	256.0	149.5	257	1416-1890DCT	19C (ESB)	FIX	Recond	-700	ON

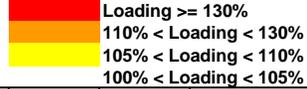
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	382.5	250.0	256.0	149.4	292	1880-1890DCT	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	381.7	250.0	256.0	149.1	257	1416-1890DCT	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	381.2	248.3	256.0	148.9	257	1416-1890DCT	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	380.9	248.3	256.0	148.8	292	1880-1890DCT	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	366.0	268.2	256.0	143.0	298	1890-1977DCT	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	364.8	265.7	256.0	142.5	298	1890-1977DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	364.1	263.8	256.0	142.2	298	1890-1977DCT	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	363.4	263.0	256.0	142.0	294	1890-1977DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	362.6	260.9	256.0	141.7	294	1890-1977DCT	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	361.9	259.0	256.0	141.4	294	1890-1977DCT	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	360.8	256.5	256.0	140.9	298	1890-1977DCT	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	359.8	254.2	256.0	140.6	298	1890-1977DCT	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	359.7	252.8	256.0	140.5	298	1890-1977DCT	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	359.2	252.3	256.0	140.3	294	1890-1977DCT	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	358.3	250.0	256.0	140.0	294	1890-1977DCT	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	357.8	248.3	256.0	139.8	294	1890-1977DCT	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	341.8	268.2	256.0	133.5	199	91001LINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	339.8	265.7	256.0	132.7	199	91001LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	338.3	263.8	256.0	132.1	199	91001LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	337.8	263.0	256.0	131.9	195	91001LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	336.0	260.9	256.0	131.3	195	91001LINE	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	334.5	259.0	256.0	130.7	195	91001LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	332.8	256.5	256.0	130.0	199	91001LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	330.9	254.2	256.0	129.3	199	91001LINE	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	329.9	252.8	256.0	128.9	199	91001LINE	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	329.7	252.3	256.0	128.8	195	91001LINE	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	327.8	250.0	256.0	128.1	195	91001LINE	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	326.5	248.3	256.0	127.6	195	91001LINE	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	324.5	268.2	256.0	126.8	395	NORWLKHAR3T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	321.6	268.2	256.0	125.6	28	1130LINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	320.9	268.2	256.0	125.4	328	ASHCREEKBKR	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	268.2	268.2	214.0	125.3	**	Base Case **	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	320.6	265.7	256.0	125.2	395	NORWLKHAR3T	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	320.0	268.2	256.0	125.0	400	PEQUON12TSTK	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	319.5	265.7	256.0	124.8	28	1130LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	319.0	265.7	256.0	124.6	328	ASHCREEKBKR	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	265.7	265.7	214.0	124.2	**	Base Case **	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	317.9	263.8	256.0	124.2	28	1130LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	317.7	263.8	256.0	124.1	328	ASHCREEKBKR	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	317.6	263.8	256.0	124.1	395	NORWLKHAR3T	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	317.7	265.7	256.0	124.1	400	PEQUON12TSTK	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	317.2	263.0	256.0	123.9	24	1130LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	316.9	263.0	256.0	123.8	324	ASHCREEKBKR	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	316.9	263.0	256.0	123.8	391	NORWLKHAR3T	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	316.1	263.8	256.0	123.5	400	PEQUON12TSTK	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	263.8	263.8	214.0	123.3	**	Base Case **	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	315.6	268.2	256.0	123.3	59	1430LINE	22C (ESB)	FIX	Recond	-700	OFF

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	315.5	260.9	256.0	123.2	24	1130LINE	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	315.4	260.9	256.0	123.2	324	ASHCREEKBKR	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	315.1	263.0	256.0	123.1	396	PEQUON12TSTK	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	263.0	263.0	214.0	122.9		** Base Case **	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	314.0	259.0	256.0	122.7	324	ASHCREEKBKR	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	313.9	259.0	256.0	122.6	24	1130LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	313.7	265.7	256.0	122.5	59	1430LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	313.1	260.9	256.0	122.3	391	NORWLKHAR3T	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	313.2	260.9	256.0	122.3	396	PEQUON12TSTK	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	312.2	268.2	256.0	122.0	29	1130+1416LNS	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	312.3	263.8	256.0	122.0	59	1430LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	260.9	260.9	214.0	121.9		** Base Case **	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	312.0	256.5	256.0	121.9	328	ASHCREEKBKR	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	311.9	256.5	256.0	121.8	28	1130LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	311.7	263.0	256.0	121.8	55	1430LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	311.3	259.0	256.0	121.6	396	PEQUON12TSTK	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	310.5	268.2	256.0	121.3	410	SASCOCR1T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	310.4	254.2	256.0	121.2	328	ASHCREEKBKR	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	310.4	268.2	256.0	121.2	372	GLENBROOK8T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	310.1	265.7	256.0	121.1	29	1130+1416LNS	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	310.0	254.2	256.0	121.1	28	1130LINE	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	310.1	260.9	256.0	121.1	55	1430LINE	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	310.1	259.0	256.0	121.1	391	NORWLKHAR3T	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	259.0	259.0	214.0	121.0		** Base Case **	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	309.8	268.2	256.0	121.0	58	1416LINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	309.8	268.2	256.0	121.0	158	1890LINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	309.8	268.2	256.0	121.0	393	NORWLKHAR1T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	309.6	252.8	256.0	120.9	328	ASHCREEKBKR	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	308.9	252.8	256.0	120.7	28	1130LINE	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	308.9	252.3	256.0	120.7	324	ASHCREEKBKR	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	308.6	263.8	256.0	120.6	29	1130+1416LNS	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	308.7	259.0	256.0	120.6	55	1430LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	308.6	256.5	256.0	120.6	400	PEQUON12TSTK	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	308.7	265.7	256.0	120.6	410	SASCOCR1T	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	308.5	252.3	256.0	120.5	24	1130LINE	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	308.5	265.7	256.0	120.5	372	GLENBROOK8T	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	307.9	263.0	256.0	120.3	25	1130+1416LNS	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	308.0	265.7	256.0	120.3	158	1890LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	308.0	265.7	256.0	120.3	393	NORWLKHAR1T	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	307.7	265.7	256.0	120.2	58	1416LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	307.3	250.0	256.0	120.0	324	ASHCREEKBKR	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	307.1	263.8	256.0	120.0	372	GLENBROOK8T	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	307.3	263.8	256.0	120.0	410	SASCOCR1T	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	256.5	256.5	214.0	119.9		** Base Case **	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	307.0	256.5	256.0	119.9	59	1430LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	306.6	250.0	256.0	119.8	24	1130LINE	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	306.6	263.8	256.0	119.8	158	1890LINE	14C (ESB)	FIX	Recond	700	OFF

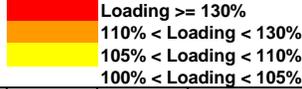
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

 Loading >= 130%
 110% < Loading < 130%
 105% < Loading < 110%
 100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	TP	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		306.6	263.8	256.0	119.8	393	NORWLKHAR1T	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		306.6	254.2	256.0	119.8	400	PEQUON12TSTK	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		306.7	263.0	256.0	119.8	406	SASCOCR1T	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		306.4	263.0	256.0	119.7	368	GLENBROOK8T	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		306.1	260.9	256.0	119.6	25	1130+1416LNS	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		306.2	263.8	256.0	119.6	58	1416LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		306.2	248.3	256.0	119.6	324	ASHCREEKBKR	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		306.1	256.5	256.0	119.6	395	NORWLKHAR3T	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		306.0	263.0	256.0	119.5	154	1890LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		306.0	263.0	256.0	119.5	389	NORWLKHAR1T	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		305.6	263.0	256.0	119.4	54	1416LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		305.5	252.8	256.0	119.3	400	PEQUON12TSTK	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		305.3	248.3	256.0	119.2	24	1130LINE	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		305.2	254.2	256.0	119.2	59	1430LINE	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		305.1	260.9	256.0	119.2	406	SASCOCR1T	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		304.9	260.9	256.0	119.1	368	GLENBROOK8T	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		304.6	259.0	256.0	119.0	25	1130+1416LNS	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		304.3	252.8	256.0	118.9	59	1430LINE	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		304.4	260.9	256.0	118.9	154	1890LINE	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		304.4	260.9	256.0	118.9	389	NORWLKHAR1T	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		304.5	252.3	256.0	118.9	396	PEQUON12TSTK	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		254.2	254.2	214.0	118.8		** Base Case **	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		303.8	260.9	256.0	118.7	54	1416LINE	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		303.9	252.3	256.0	118.7	55	1430LINE	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		303.5	259.0	256.0	118.6	368	GLENBROOK8T	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		303.7	259.0	256.0	118.6	406	SASCOCR1T	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		303.0	259.0	256.0	118.4	154	1890LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		303.0	259.0	256.0	118.4	389	NORWLKHAR1T	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		302.6	256.5	256.0	118.2	29	1130+1416LNS	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		252.8	252.8	214.0	118.1		** Base Case **	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		302.3	259.0	256.0	118.1	54	1416LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		302.2	250.0	256.0	118.1	55	1430LINE	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		302.4	254.2	256.0	118.1	395	NORWLKHAR3T	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		302.5	250.0	256.0	118.1	396	PEQUON12TSTK	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		302.0	256.5	256.0	118.0	410	SASCOCR1T	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		252.3	252.3	214.0	117.9		** Base Case **	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		301.7	256.5	256.0	117.8	372	GLENBROOK8T	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		301.3	256.5	256.0	117.7	158	1890LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		301.3	256.5	256.0	117.7	393	NORWLKHAR1T	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		301.0	248.3	256.0	117.6	55	1430LINE	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		301.0	248.3	256.0	117.6	396	PEQUON12TSTK	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		300.7	254.2	256.0	117.5	29	1130+1416LNS	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		300.4	256.5	256.0	117.3	58	1416LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		300.2	268.2	256.0	117.3	345	DARIEN1T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		300.3	254.2	256.0	117.3	410	SASCOCR1T	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		300.0	254.2	256.0	117.2	372	GLENBROOK8T	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		299.7	252.8	256.0	117.1	29	1130+1416LNS	15C (ESB)	FIX	Recond	700	OFF

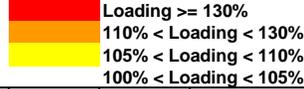
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		299.6	254.2	256.0	117.0	158	1890LINE	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		299.6	254.2	256.0	117.0	393	NORWLKHAR1T	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		299.4	252.8	256.0	117.0	410	SASCOCR1T	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		299.2	252.3	256.0	116.9	25	1130+1416LNS	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		299.4	252.8	256.0	116.9	395	NORWLKHAR3T	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		250.0	250.0	214.0	116.8		** Base Case **	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		299.1	252.8	256.0	116.8	372	GLENBROOK8T	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		299.1	252.3	256.0	116.8	391	NORWLKHAR3T	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		299.0	252.3	256.0	116.8	406	SASCOCR1T	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		298.7	252.8	256.0	116.7	158	1890LINE	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		298.7	252.3	256.0	116.7	368	GLENBROOK8T	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		298.7	252.8	256.0	116.7	393	NORWLKHAR1T	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		298.4	254.2	256.0	116.6	58	1416LINE	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		298.3	252.3	256.0	116.5	154	1890LINE	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		298.3	252.3	256.0	116.5	389	NORWLKHAR1T	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		298.1	265.7	256.0	116.4	345	DARIEN1T	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		297.3	250.0	256.0	116.2	25	1130+1416LNS	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		297.4	252.8	256.0	116.2	58	1416LINE	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		297.3	250.0	256.0	116.1	406	SASCOCR1T	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		297.1	268.2	256.0	116.1	413	SOUTHEND6T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		248.3	248.3	214.0	116.0		** Base Case **	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		297.0	252.3	256.0	116.0	54	1416LINE	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		297.0	250.0	256.0	116.0	368	GLENBROOK8T	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		296.6	250.0	256.0	115.9	154	1890LINE	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		296.7	263.8	256.0	115.9	345	DARIEN1T	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		296.6	250.0	256.0	115.9	389	NORWLKHAR1T	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		296.5	268.2	256.0	115.8	164	1977LINENEW	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		296.1	248.3	256.0	115.7	406	SASCOCR1T	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		296.1	248.3	256.0	115.6	25	1130+1416LNS	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		295.8	263.0	256.0	115.5	341	DARIEN1T	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		295.8	248.3	256.0	115.5	368	GLENBROOK8T	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		295.4	248.3	256.0	115.4	154	1890LINE	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		295.4	248.3	256.0	115.4	389	NORWLKHAR1T	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		295.4	250.0	256.0	115.4	391	NORWLKHAR3T	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		295.1	250.0	256.0	115.3	54	1416LINE	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		295.0	265.7	256.0	115.2	413	SOUTHEND6T	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		294.4	265.7	256.0	115.0	164	1977LINENEW	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		294.2	260.9	256.0	114.9	341	DARIEN1T	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		293.8	248.3	256.0	114.8	54	1416LINE	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		293.6	263.8	256.0	114.7	413	SOUTHEND6T	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		292.9	263.8	256.0	114.4	164	1977LINENEW	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		292.8	263.0	256.0	114.4	409	SOUTHEND6T	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		292.7	259.0	256.0	114.3	341	DARIEN1T	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		292.3	248.3	256.0	114.2	391	NORWLKHAR3T	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		292.1	263.0	256.0	114.1	160	1977LINENEW	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		291.1	260.9	256.0	113.7	409	SOUTHEND6T	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		290.6	256.5	256.0	113.5	345	DARIEN1T	23C (ESB)	FIX	Recond	-700	OFF

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		290.4	260.9	256.0	113.4	160	1977LINENEW	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		289.6	259.0	256.0	113.1	409	SOUTHEND6T	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		288.9	259.0	256.0	112.8	160	1977LINENEW	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		288.8	254.2	256.0	112.8	345	DARIEN1T	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		287.9	252.8	256.0	112.4	345	DARIEN1T	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		287.5	268.2	256.0	112.3	412	SOUTHEND5T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		287.5	256.5	256.0	112.3	413	SOUTHEND6T	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		287.2	252.3	256.0	112.2	341	DARIEN1T	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		286.9	256.5	256.0	112.1	164	1977LINENEW	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		285.7	254.2	256.0	111.6	413	SOUTHEND6T	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		285.4	250.0	256.0	111.5	341	DARIEN1T	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		285.5	265.7	256.0	111.5	412	SOUTHEND5T	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		285.2	263.8	256.0	111.4	203	312+393LNS	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		285.2	263.8	256.0	111.4	204	312+393REAC	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		285.2	263.8	256.0	111.4	202	312LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		285.0	254.2	256.0	111.3	164	1977LINENEW	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		285.0	263.8	256.0	111.3	458	NMSTBKREAC	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		285.0	263.8	256.0	111.3	457	NOMNTSTBKR	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		284.7	252.8	256.0	111.2	413	SOUTHEND6T	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		284.2	248.3	256.0	111.0	341	DARIEN1T	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		284.0	263.8	256.0	111.0	412	SOUTHEND5T	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		284.1	252.3	256.0	111.0	409	SOUTHEND6T	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		284.0	252.8	256.0	110.9	164	1977LINENEW	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		283.7	268.2	256.0	110.8	475	SNGPEQ-XFR	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		283.5	252.3	256.0	110.7	160	1977LINENEW	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		283.1	268.2	256.0	110.6	299	8100-8200DCT	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		283.2	263.0	256.0	110.6	408	SOUTHEND5T	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		283.0	263.8	256.0	110.5	230	393LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		282.3	250.0	256.0	110.3	409	SOUTHEND6T	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		281.7	250.0	256.0	110.0	160	1977LINENEW	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		281.5	263.0	256.0	110.0	295	8100-8200DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		281.5	260.9	256.0	110.0	408	SOUTHEND5T	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		281.0	248.3	256.0	109.8	409	SOUTHEND6T	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		280.9	265.7	256.0	109.7	475	SNGPEQ-XFR	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		280.5	265.7	256.0	109.6	299	8100-8200DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		280.4	248.3	256.0	109.5	160	1977LINENEW	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		280.1	259.0	256.0	109.4	408	SOUTHEND5T	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		279.3	260.9	256.0	109.1	295	8100-8200DCT	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		279.1	259.0	256.0	109.0	199	312+393LNS	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		279.1	259.0	256.0	109.0	200	312+393REAC	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		279.1	259.0	256.0	109.0	198	312LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		278.9	259.0	256.0	109.0	454	NMSTBKREAC	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		278.9	259.0	256.0	109.0	453	NOMNTSTBKR	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		278.9	263.8	256.0	108.9	475	SNGPEQ-XFR	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		278.5	252.3	256.0	108.8	225	387SLINE	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		278.6	263.8	256.0	108.8	299	8100-8200DCT	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		278.3	252.3	256.0	108.7	296	1460-387S-DCT	19C (ESB)	FIX	Recond	-700	ON

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Loading >= 130%
110% < Loading < 130%
105% < Loading < 110%
100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	278.0	256.5	256.0	108.6	412	SOUTHEND5T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	277.8	268.2	256.0	108.5	357	DEVON24TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	277.6	268.2	256.0	108.4	255	1310-1763DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	277.4	263.0	256.0	108.4	471	SNGPEQ-XFR	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	277.3	259.0	256.0	108.3	295	8100-8200DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	276.9	259.0	256.0	108.2	226	393LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	276.4	265.7	256.0	108.0	458	NMSTBKREAC	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	276.4	265.7	256.0	108.0	457	NOMNTSTBKR	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	276.3	265.7	256.0	107.9	203	312+393LNS	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	276.3	265.7	256.0	107.9	204	312+393REAC	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	276.3	265.7	256.0	107.9	202	312LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	276.2	254.2	256.0	107.9	412	SOUTHEND5T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	275.4	265.7	256.0	107.6	357	DEVON24TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	275.1	265.7	256.0	107.5	255	1310-1763DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	275.2	248.3	256.0	107.5	229	398LINE	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	275.2	248.3	256.0	107.5	230	398LREAC	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	275.3	252.8	256.0	107.5	412	SOUTHEND5T	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	275.0	260.9	256.0	107.4	471	SNGPEQ-XFR	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	275.0	268.2	256.0	107.4	427	STEVENSSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.7	252.3	256.0	107.3	408	SOUTHEND5T	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.6	268.2	256.0	107.2	248	1163-1550D-2	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.4	268.2	256.0	107.2	268	1560-1570DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.3	268.2	256.0	107.2	288	1770-1887DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.5	268.2	256.0	107.2	290	1800-1810DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.3	265.7	256.0	107.2	230	393LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.5	252.8	256.0	107.2	233	398LINE	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.5	252.8	256.0	107.2	234	398LREAC	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.5	268.2	256.0	107.2	423	SOTHNGTN24T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.6	268.2	256.0	107.2	426	SOTHNGTN28T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.3	268.2	256.0	107.2	428	STONYHILL1T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.2	256.5	256.0	107.1	229	387SLINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.2	268.2	256.0	107.1	387	MIXAVE1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.8	268.2	256.0	107.0	266	1505-1607DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.0	268.2	256.0	107.0	432	TRIANGLE4T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.5	263.8	256.0	106.9	357	DEVON24TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.3	256.5	256.0	106.8	300	1460-387S-DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.2	263.8	256.0	106.7	255	1310-1763DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.2	263.0	256.0	106.7	225	387SLINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.0	268.2	256.0	106.6	463	SGTN4TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.9	259.0	256.0	106.6	471	SNGPEQ-XFR	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.9	250.0	256.0	106.6	408	SOUTHEND5T	3C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.8	268.2	256.0	106.6	429	TRPFALLST1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.7	263.0	256.0	106.5	296	1460-387S-DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.6	268.2	256.0	106.5	476	DEV-XFR	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.5	263.0	256.0	106.4	251	1310-1763DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.3	250.0	256.0	106.4	225	387SLINE	3C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.3	268.2	256.0	106.4	331	BATESROCK1T	22C (ESB)	FIX	Recond	-700	OFF	

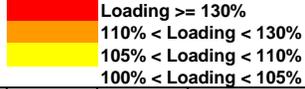
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.5	268.2	256.0	106.4	344	COLONY1T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.3	268.2	256.0	106.4	477	ESHR-XFR	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.4	268.2	256.0	106.4	407	QUINIPACST1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.0	265.7	256.0	106.3	248	1163-1550D-2	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.1	268.2	256.0	106.3	269	1570-1575DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.1	265.7	256.0	106.3	290	1800-1810DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.2	268.2	256.0	106.3	291	1800-1825DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.1	268.2	256.0	106.3	380	GREENHLL2T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.0	268.2	256.0	106.3	479	NEWDEV2	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.1	265.7	256.0	106.3	423	SOTHNGTN24T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.0	265.7	256.0	106.3	426	SOTHNGTN28T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.2	265.7	256.0	106.3	427	STEVENSSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.1	268.2	256.0	106.3	445	WOODMNT1TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.0	268.2	256.0	106.2	253	1272-1721DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.9	268.2	256.0	106.2	254	1280-1870DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.9	250.0	256.0	106.2	296	1460-387S-DCT	3C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.9	265.7	256.0	106.2	268	1560-1570DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.8	265.7	256.0	106.2	288	1770-1887DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.7	268.2	256.0	106.2	342	BUNKERH2T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.8	265.7	256.0	106.2	428	STONYHILL1T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.6	268.2	256.0	106.1	256	1355-1610DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.6	268.2	256.0	106.1	69	1500LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.5	268.2	256.0	106.1	88	1605LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.5	263.0	256.0	106.1	353	DEVON24TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.7	265.7	256.0	106.1	387	MIXAVE1	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.7	268.2	256.0	106.1	409	SACKETST1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.5	265.7	256.0	106.1	463	SGTN4TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.6	268.2	256.0	106.1	416	SOTHNGTN13T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.6	248.3	256.0	106.1	408	SOUTHEND5T	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.5	268.2	256.0	106.1	431	TRIANGLE3T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.5	265.7	256.0	106.1	432	TRIANGLE4T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.4	268.2	256.0	106.0	244	1100-1200DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.3	265.7	256.0	106.0	266	1505-1607DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.4	268.2	256.0	106.0	70	1505LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.4	268.2	256.0	106.0	123	1760+1876LNS	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.4	268.2	256.0	106.0	205	318LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.3	268.2	256.0	106.0	386	MLLRVR2TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.3	268.2	256.0	106.0	405	PLUMTREE28T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.3	268.2	256.0	106.0	462	SGTN3TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.4	268.2	256.0	106.0	464	SGTN5TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.3	268.2	256.0	106.0	420	SOTHNGTN20T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.0	268.2	256.0	105.9	258	1394-1515DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.1	268.2	256.0	105.9	207	329LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.2	268.2	256.0	105.9	332	BECONFLSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.9	268.2	256.0	105.8	52	1355LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.7	268.2	256.0	105.8	272	1575-1990DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.8	268.2	256.0	105.8	281	1670-1830DCT	22C (ESB)	FIX	Recond	-700	OFF	

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.9	268.2	256.0	105.8	104	1690LINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.8	268.2	256.0	105.8	210	347LINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.8	268.2	256.0	105.8	211	347LREAC	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.8	268.2	256.0	105.8	383	HAWTHORNST	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.9	268.2	256.0	105.8	385	MLLRV1TSTK	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.8	268.2	256.0	105.8	419	SOTHNGTN16T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.8	268.2	256.0	105.8	441	WBROOKFLD1T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.7	268.2	256.0	105.7	271	1575-1585DCT	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.6	268.2	256.0	105.7	129	1770LINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.5	260.9	256.0	105.7	199	312+393LNS	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.5	260.9	256.0	105.7	200	312+393REAC	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.5	260.9	256.0	105.7	198	312LINE	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.6	268.2	256.0	105.7	229	387SLINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.6	268.2	256.0	105.7	340	BROADWYST1	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.5	268.2	256.0	105.7	343	BUNKERH3T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.7	268.2	256.0	105.7	365	EMERIDEN1T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.7	268.2	256.0	105.7	384	JUNEST1	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.7	260.9	256.0	105.7	454	NMSTBKREAC	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.7	260.9	256.0	105.7	453	NOMNTSTBKR	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.6	268.2	256.0	105.7	404	PLUMTREE25T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.5	263.8	256.0	105.7	463	SGTN4TSTK	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.3	268.2	256.0	105.6	46	1272+1445LNS	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.3	260.9	256.0	105.6	251	1310-1763DCT	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.3	268.2	256.0	105.6	62	1443+1759LNS	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.2	268.2	256.0	105.6	286	1732-1788DCT	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.2	263.8	256.0	105.6	290	1800-1810DCT	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.4	268.2	256.0	105.6	292	1810-1825DCT	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.3	268.2	256.0	105.6	147	1820LINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.4	268.2	256.0	105.6	377	GRNDV5TSTK	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.4	268.2	256.0	105.6	378	GRNDV6TSTK	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.4	252.8	256.0	105.6	458	NMSTBKREAC	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.4	252.8	256.0	105.6	457	NOMNTSTBKR	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.4	268.2	256.0	105.6	421	SOTHNGTN22T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.3	268.2	256.0	105.6	422	SOTHNGTN23T	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.2	263.8	256.0	105.6	423	SOTHNGTN24T	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.3	265.7	256.0	105.6	429	TRPFALLST1	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.0	268.2	256.0	105.5	21	1050+1766LNS	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.2	263.8	256.0	105.5	248	1163-1550D-2	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.0	263.8	256.0	105.5	268	1560-1570DCT	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.1	268.2	256.0	105.5	83	1575LINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.2	268.2	256.0	105.5	273	1580-1585DCT	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.0	268.2	256.0	105.5	279	1668-1721DCT	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.1	268.2	256.0	105.5	136	1780LINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.1	268.2	256.0	105.5	142	1790LINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.1	268.2	256.0	105.5	309	310-383DCT	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.0	268.2	256.0	105.5	186	88005ALINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	270.1	268.2	256.0	105.5	341	BUNKERH1T	22C (ESB)	FIX	Recond	-700	OFF

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.0	265.7	256.0	105.5	344	COLONY1T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.0	268.2	256.0	105.5	364	DEVSWST4TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.1	265.7	256.0	105.5	476	DEV-XFR	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.0	268.2	256.0	105.5	368	FROSTBR15T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.0	268.2	256.0	105.5	388	NOHAVN1TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.0	265.7	256.0	105.5	464	SGTN5TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.2	268.2	256.0	105.5	414	SNAUGA1T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.2	263.8	256.0	105.5	426	SOTHNGTN28T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.1	263.8	256.0	105.5	427	STEVENSNSSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.9	268.2	256.0	105.4	12	100+400LINES	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.8	268.2	256.0	105.4	245	1100-1300DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.9	268.2	256.0	105.4	31	1163+1910LNS	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.8	263.8	256.0	105.4	288	1770-1887DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.7	265.7	256.0	105.4	291	1800-1825DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.8	268.2	256.0	105.4	189	88006ALINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.8	268.2	256.0	105.4	198	89006BLINE-1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.7	265.7	256.0	105.4	331	BATESROCK1T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.7	265.7	256.0	105.4	477	ESHR-XFR	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.8	268.2	256.0	105.4	376	GRNDAV4TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.8	268.2	256.0	105.4	379	GRNDAV7TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.9	263.8	256.0	105.4	387	MIXAVE1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.9	265.7	256.0	105.4	407	QUINIPACST1	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.9	268.2	256.0	105.4	425	SOTHNGTN26T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.8	263.0	256.0	105.4	423	STEVENSNSSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.8	263.8	256.0	105.4	428	STONYHILL1T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.9	265.7	256.0	105.4	445	WOODMNT1TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	268.2	256.0	105.3	24	1070+1490LNS	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	268.2	256.0	105.3	39	1235LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.5	265.7	256.0	105.3	253	1272-1721DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	268.2	256.0	105.3	77	1550+1950LNS	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	268.2	256.0	105.3	78	1560LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.7	265.7	256.0	105.3	269	1570-1575DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	265.7	256.0	105.3	207	329LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	268.2	256.0	105.3	184	88003ALINE-2	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	268.2	256.0	105.3	192	89003BLINE-2	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	268.2	256.0	105.3	329	BAIRDASTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	265.7	256.0	105.3	380	GREENHLL2T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	268.2	256.0	105.3	390	NWALLING1T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	268.2	256.0	105.3	466	SGTN7TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.7	263.8	256.0	105.3	432	TRIANGLE4T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.5	268.2	256.0	105.3	446	WOODMNT2TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	268.2	256.0	105.2	238	1000-1090DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	268.2	256.0	105.2	19	1000LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	263.0	256.0	105.2	244	1163-1550D-2	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.2	265.7	256.0	105.2	254	1280-1870DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.2	265.7	256.0	105.2	256	1355-1610DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	268.2	256.0	105.2	483	1466-362EDCT	22C (ESB)	FIX	Recond	-700	OFF	

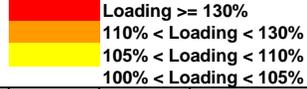
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	268.2	256.0	105.2	263	1470-1565DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	263.8	256.0	105.2	266	1505-1607DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	263.0	256.0	105.2	284	1770-1887DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	263.0	256.0	105.2	286	1800-1810DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	252.8	256.0	105.2	203	312+393LNS	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	252.8	256.0	105.2	202	312LINE	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	268.2	256.0	105.2	480	362ELINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.2	265.7	256.0	105.2	342	BUNKERH2T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	260.9	256.0	105.2	353	DEVON24TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	268.2	256.0	105.2	361	DEVSWST1TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	268.2	256.0	105.2	363	DEVSWST3TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.2	268.2	256.0	105.2	373	GRNDAV1TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.2	268.2	256.0	105.2	375	GRNDAV3TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	265.7	256.0	105.2	479	NEWDEV2	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	268.2	256.0	105.2	399	PEACEABLE1T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	256.5	256.0	105.2	475	SNGPEQ-XFR	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	268.2	256.0	105.2	415	SOTHNGTN12T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.2	265.7	256.0	105.2	416	SOTHNGTN13T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	263.0	256.0	105.2	419	SOTHNGTN24T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	263.0	256.0	105.2	422	SOTHNGTN28T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	263.0	256.0	105.2	424	STONYHILL1T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.2	265.7	256.0	105.2	431	TRIANGLE3T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.0	268.2	256.0	105.1	42	1250LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.0	268.2	256.0	105.1	47	1280LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	265.7	256.0	105.1	69	1500LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.0	265.7	256.0	105.1	88	1605LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.9	268.2	256.0	105.1	90	1610LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.0	268.2	256.0	105.1	122	1760LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.9	268.2	256.0	105.1	201	310LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	252.8	256.0	105.1	204	312+393REAC	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	265.7	256.0	105.1	205	318LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.0	268.2	256.0	105.1	13	400LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	268.2	256.0	105.1	18	694LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	268.2	256.0	105.1	166	8100LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	268.2	256.0	105.1	167	8200LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	268.2	256.0	105.1	169	8400LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.0	268.2	256.0	105.1	182	88003ALINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	268.2	256.0	105.1	175	8809ALINE-2	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	268.2	256.0	105.1	190	89003BLINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	268.2	256.0	105.1	178	8909BLINE-2	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.0	268.2	256.0	105.1	362	DEVSWST2TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	268.2	256.0	105.1	366	ESHORE12TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.9	268.2	256.0	105.1	370	FROSTBR27T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	263.0	256.0	105.1	383	MIXAVE1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	268.2	256.0	105.1	458	NMSTBKREAC	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	268.2	256.0	105.1	457	NOMNTSTBKR	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.2	265.7	256.0	105.1	409	SACKETST1	6C (ESB)	FIX	Recond	0	OFF	

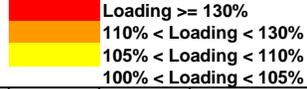
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	265.7	256.0	105.1	462	SGTN3TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.9	263.8	256.0	105.1	464	SGTN5TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	268.2	256.0	105.1	442	WRIVER1TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	268.2	256.0	105.1	443	WRIVER2TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.7	268.2	256.0	105.0	241	1070-1080DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.9	265.7	256.0	105.0	244	1100-1200DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.9	265.7	256.0	105.0	70	1505LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.8	263.0	256.0	105.0	264	1560-1570DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.7	268.2	256.0	105.0	89	1607LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.9	268.2	256.0	105.0	107	1720LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.8	268.2	256.0	105.0	165	1990LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.7	268.2	256.0	105.0	216	352LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.7	268.2	256.0	105.0	15	667-690LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.8	268.2	256.0	105.0	185	88003ALINE-3	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.8	268.2	256.0	105.0	193	89003BLINE-3	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.7	265.7	256.0	105.0	332	BECONFLSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.8	265.7	256.0	105.0	386	MLLRVR2TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.8	265.7	256.0	105.0	420	SOTHNGTN20T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.7	268.2	256.0	105.0	314	SOUTH1XAUTO	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.8	263.0	256.0	105.0	428	TRIANGLE4T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	268.2	256.0	104.9	37	1208LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	268.2	256.0	104.9	45	1272LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	259.0	256.0	104.9	251	1310-1763DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	265.7	256.0	104.9	258	1394-1515DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	268.2	256.0	104.9	63	1445LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	263.0	256.0	104.9	262	1505-1607DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	268.2	256.0	104.9	82	1572-1772LNS	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	268.2	256.0	104.9	274	1580-1730BDC	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	268.2	256.0	104.9	85	1585LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	268.2	256.0	104.9	112	1730BLINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	265.7	256.0	104.9	123	1760+1876LMS	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	268.2	256.0	104.9	154	1870LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.7	268.2	256.0	104.9	157	1887LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	268.2	256.0	104.9	203	312+393LNS	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	268.2	256.0	104.9	204	312+393REAC	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	268.2	256.0	104.9	202	312LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	263.8	256.0	104.9	207	329LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	265.7	256.0	104.9	216	352LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	263.8	256.0	104.9	216	352LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	260.9	256.0	104.9	226	393LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	256.5	256.0	104.9	299	8100-8200DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	268.2	256.0	104.9	181	84004LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	268.2	256.0	104.9	197	89006BLINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	268.2	256.0	104.9	326	ALLINGS1TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	268.2	256.0	104.9	327	ALLINGS2TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	268.2	256.0	104.9	339	BRANFRDRR1T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	268.2	256.0	104.9	353	DEVON10TSTK	22C (ESB)	FIX	Recond	-700	OFF	

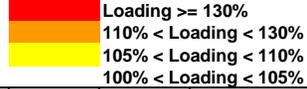
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	268.2	256.0	104.9	352	DEVON8TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	268.2	256.0	104.9	369	FROSTBR21T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	268.2	256.0	104.9	374	GRNDAV2TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	265.7	256.0	104.9	405	PLUMTREE28T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.7	268.2	256.0	104.9	465	SGTN6TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.7	268.2	256.0	104.9	417	SOTHNGTN14T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	268.2	256.0	104.9	436	WALLING4TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	268.2	256.0	104.9	437	WALLING5TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	240	1060-1270DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	22	1060LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	23	1070LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	26	1090LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	27	1100LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	30	1163LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	33	1191LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	34	1200LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	44	1270LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	50	1337LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	265.7	256.0	104.8	52	1355LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	57	1410LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	262	1440-1450DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	60	1440LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	61	1443LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	65	1460LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	66	1466LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	68	1490LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	73	1537LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	265.7	256.0	104.8	271	1575-1585DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	84	1580LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	86	1588LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	87	1594LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	268.2	256.0	104.8	98	1640LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	99	1655LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	100	1668LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	268.2	256.0	104.8	280	1670-1771DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	265.7	256.0	104.8	281	1670-1830DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	101	1670LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	102	1675LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	265.7	256.0	104.8	104	1690LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	105	1704LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	108	1721LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	115	1740LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	119	1753LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	120	1756LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	121	1759LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	125	1765LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	126	1766LINE	22C (ESB)	FIX	Recond	-700	OFF	

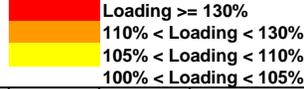
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	128	1769LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	130	1771LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	135	1779LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	139	1785LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	141	1788LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	143	1792LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	145	1810LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	149	1825LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	150	1830LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	151	1835LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	159	1900LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	161	1921LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	163	1975LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	268.2	256.0	104.8	308	310-368DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	215	348N+AUTO	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	223	376LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	268.2	256.0	104.8	226	383LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	16	689LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	17	693LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	268.2	256.0	104.8	168	8300LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	170	8500LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	172	8700LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	183	88003ALINE-1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	173	8804ALINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	191	89003BLINE-1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	176	8904BLINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	179	9500LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	180	9502LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	330	BAIRDBSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	338	BRANFORD4T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	265.7	256.0	104.8	340	BROADWYST1	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	354	DEVON11TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	355	DEVON12TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	256.5	256.0	104.8	357	DEVON24TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	268.2	256.0	104.8	360	DEVON27TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	349	DEVON4TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	263.8	256.0	104.8	476	DEV-XFR	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	265.7	256.0	104.8	365	EMERIDEN1T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	265.7	256.0	104.8	384	JUNEST1	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	323	LOSSNHAV	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	324	LOSSNOR1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	325	LOSSNOR2	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	265.7	256.0	104.8	385	MLLRVR1TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	461	SGTN1TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	474	SNG-PEQTAP	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	268.2	256.0	104.8	418	SOTHNGTN15T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	265.7	256.0	104.8	419	SOTHNGTN16T	6C (ESB)	FIX	Recond	0	OFF	

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	315	SOUTH2XAUTO	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	430	TRIANGLE2T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	263.8	256.0	104.8	429	TRPFALLST1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	268.2	256.0	104.8	435	WALLING3TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	438	WATERST1TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.8	439	WATERST2TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	265.7	256.0	104.8	441	WBROOKFLD1T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	263.8	256.0	104.8	445	WOODMNT1TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	11	100LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	20	1050LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	268.2	256.0	104.7	239	1060-1165DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	268.2	256.0	104.7	242	1080-1280DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	268.2	256.0	104.7	32	1165LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	35	1206LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	36	1207LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	268.2	256.0	104.7	250	1208-1640DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	43	1261LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	49	1310LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	56	1394LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	64	1450LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	268.2	256.0	104.7	71	1508LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	268.2	256.0	104.7	72	1515LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	76	1550LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	268.2	256.0	104.7	81	1572LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	265.7	256.0	104.7	272	1575-1990DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	275	1620-1975DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	93	1620NLINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	92	1620SLINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	95	1625LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	103	1685LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	117	1751LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	268.2	256.0	104.7	118	1752LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	124	1763LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	127	1767LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	265.7	256.0	104.7	129	1770LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	131	1772LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	133	1775LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	268.2	256.0	104.7	289	1777-1779DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	268.2	256.0	104.7	134	1777LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	138	1784LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	140	1786LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	263.8	256.0	104.7	291	1800-1825DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	144	1800-1860LNS	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	155	1876LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	160	1910LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	162	1950LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	268.2	256.0	104.7	200	301-302LNS	22C (ESB)	FIX	Recond	-700	OFF	

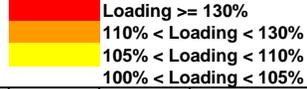
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	224	381LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	225	381LREAC	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	171	8600LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	337	BRANFORD2T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	265.7	256.0	104.7	343	BUNKERH3T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	263.8	256.0	104.7	344	COLONY1T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	265.7	256.0	104.7	377	GRNDAV5TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	265.7	256.0	104.7	378	GRNDAV6TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	381	HADDAMAT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	265.7	256.0	104.7	383	HAWTHORNST	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	312	MANCHAUTO1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	268.2	256.0	104.7	478	NEWDEV1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	265.7	256.0	104.7	404	PLUMTREE25T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	263.8	256.0	104.7	407	QUINIPACST1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	408	ROCKRIVER1T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	424	SOTHNGTN25T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	268.2	256.0	104.7	434	WALLING2TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	268.2	256.0	104.6	249	1207-1775DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	265.7	256.0	104.6	46	1272+1445LNS	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	268.2	256.0	104.6	51	1342LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	265.7	256.0	104.6	62	1443+1759LNS	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	268.2	256.0	104.6	300	1460-387S-DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	263.8	256.0	104.6	269	1570-1575DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	265.7	256.0	104.6	273	1580-1585DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	268.2	256.0	104.6	114	1732LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	268.2	256.0	104.6	132	1773LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	268.2	256.0	104.6	137	1783LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	265.7	256.0	104.6	292	1810-1825DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	265.7	256.0	104.6	147	1820LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	268.2	256.0	104.6	148	1821LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	268.2	256.0	104.6	152	1836LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	268.2	256.0	104.6	214	348NLINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	268.2	256.0	104.6	217	352+AUTO	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	254.2	256.0	104.6	229	387SLINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	252.3	256.0	104.6	295	8100-8200DCT	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	268.2	256.0	104.6	174	8809ALINE-1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	268.2	256.0	104.6	177	8909BLINE-1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	263.8	256.0	104.6	331	BATESROCK1T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	268.2	256.0	104.6	334	BOKUM2T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	268.2	256.0	104.6	335	BOKUM3T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	268.2	256.0	104.6	336	BRANFORD1T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	263.8	256.0	104.6	477	ESHR-XFR	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	263.8	256.0	104.6	380	GREENHLL2T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	268.2	256.0	104.6	460	SCOVKR8TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	265.7	256.0	104.6	414	SNAUGA1T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	265.7	256.0	104.6	421	SOTHNGTN22T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	265.7	256.0	104.6	422	SOTHNGTN23T	6C (ESB)	FIX	Recond	0	OFF	

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	268.2	256.0	104.6	444	WESTON1T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	265.7	256.0	104.5	12	100+400LINES	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	265.7	256.0	104.5	21	1050+1766LNS	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	265.7	256.0	104.5	31	1163+1910LNS	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	268.2	256.0	104.5	252	1261-1620DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	263.8	256.0	104.5	253	1272-1721DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	263.8	256.0	104.5	256	1355-1610DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	265.7	256.0	104.5	263	1470-1565DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	268.2	256.0	104.5	270	1570-1580DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	268.2	256.0	104.5	80	1570LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	265.7	256.0	104.5	83	1575LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	268.2	256.0	104.5	91	1618LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	268.2	256.0	104.5	96	1630LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	265.7	256.0	104.5	279	1668-1721DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	268.2	256.0	104.5	110	1726LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	265.7	256.0	104.5	286	1732-1788DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	268.2	256.0	104.5	287	1751-1777DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	265.7	256.0	104.5	136	1780LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	265.7	256.0	104.5	142	1790LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	263.8	256.0	104.5	205	318LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	268.2	256.0	104.5	310	329-352DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	268.2	256.0	104.5	220	368LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	268.2	256.0	104.5	14	500LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	265.7	256.0	104.5	186	88005ALINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	268.2	256.0	104.5	333	BOKUM1T	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	265.7	256.0	104.5	341	BUNKERH1T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	259.0	256.0	104.5	353	DEVON24TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	268.2	256.0	104.5	351	DEVON7TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	268.2	256.0	104.5	471	devon-eshr1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	265.7	256.0	104.5	364	DEVSWST4TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	265.7	256.0	104.5	368	FROSTBR15T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	268.2	256.0	104.5	382	HADDAMBT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	263.8	256.0	104.5	479	NEWDEV2	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	265.7	256.0	104.5	388	NOHAVN1TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	268.2	256.0	104.5	389	NOHAVN2TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	265.7	256.0	104.5	399	PEACEABLE1T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	263.8	256.0	104.5	462	SGTN3TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	263.0	256.0	104.5	459	SGTN4TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	263.8	256.0	104.5	416	SOTHNGTN13T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	265.7	256.0	104.5	425	SOTHNGTN26T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	263.8	256.0	104.5	431	TRIANGLE3T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	268.2	256.0	104.5	433	WALLING1TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.2	268.2	256.0	104.4	243	1080-1490DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.3	268.2	256.0	104.4	25	1080LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.3	265.7	256.0	104.4	245	1100-1300DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.2	260.9	256.0	104.4	244	1163-1550D-2	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.2	263.8	256.0	104.4	254	1280-1870DCT	14C (ESB)	FIX	Recond	700	OFF	

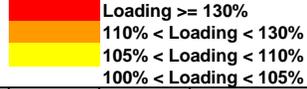
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.2	265.7	256.0	104.4	483	1466-362EDCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.2	263.8	256.0	104.4	69	1500LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.2	263.8	256.0	104.4	88	1605LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.2	260.9	256.0	104.4	286	1800-1810DCT	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.3	265.7	256.0	104.4	310	329-352DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.2	265.7	256.0	104.4	217	352+AUTO	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.3	268.2	256.0	104.4	311	371-383DCT	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.2	248.3	256.0	104.4	225	387SLINE	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	265.7	256.0	104.4	184	88003ALINE-2	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.3	268.2	256.0	104.4	187	88005ALINE-1	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.4	265.7	256.0	104.4	189	88006ALINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	265.7	256.0	104.4	192	89003BLINE-2	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.2	268.2	256.0	104.4	194	89005BLINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.3	268.2	256.0	104.4	195	89005BLINE-1	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.4	265.7	256.0	104.4	198	89006BLINE-1	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.2	265.7	256.0	104.4	329	BAIRDASTK	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.3	263.0	256.0	104.4	327	BATESROCK1T	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.4	263.8	256.0	104.4	342	BUNKERH2T	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.3	263.0	256.0	104.4	340	COLONY1T	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.4	265.7	256.0	104.4	376	GRNDAV4TSTK	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.4	265.7	256.0	104.4	379	GRNDAV7TSTK	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.2	268.2	256.0	104.4	467	NORSING1	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.3	263.0	256.0	104.4	403	QUINIPACST1	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.3	263.8	256.0	104.4	409	SACKETST1	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.2	260.9	256.0	104.4	419	SOTHNGTN24T	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.2	260.9	256.0	104.4	422	SOTHNGTN28T	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.3	260.9	256.0	104.4	423	STEVENSSTK	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.3	263.0	256.0	104.4	425	TRPFALLST1	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.3	265.7	256.0	104.4	446	WOODMNT2TSTK	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		266.9	265.7	256.0	104.3	238	1000-1090DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	265.7	256.0	104.3	24	1070+1490LMS	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	263.8	256.0	104.3	244	1100-1200DCT	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	265.7	256.0	104.3	39	1235LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.0	268.2	256.0	104.3	41	1238+1813LMS	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	263.8	256.0	104.3	70	1505LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	268.2	256.0	104.3	74	1545LINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	265.7	256.0	104.3	77	1550+1950LMS	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	265.7	256.0	104.3	78	1560LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		266.9	263.0	256.0	104.3	265	1570-1575DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	260.9	256.0	104.3	284	1770-1887DCT	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.0	263.0	256.0	104.3	287	1800-1825DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	263.8	256.0	104.3	310	329-352DCT	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	263.8	256.0	104.3	217	352+AUTO	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	265.7	256.0	104.3	480	362ELINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		266.9	260.9	256.0	104.3	225	387SLINE	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		266.9	263.8	256.0	104.3	332	BECONFLSTK	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		267.1	265.7	256.0	104.3	361	DEVSWST1TSTK	6C (ESB)	FIX	Recond	0	OFF

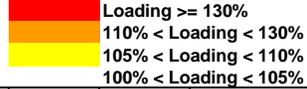
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.1	265.7	256.0	104.3	363	DEVSWST3TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	263.0	256.0	104.3	376	GREENHLL2T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.0	260.9	256.0	104.3	383	MIXAVE1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	263.8	256.0	104.3	386	MLLRVR2TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.1	265.7	256.0	104.3	390	NWALLING1T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.1	268.2	256.0	104.3	468	SINGDEV1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	265.7	256.0	104.3	415	SOTHNGTN12T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.0	263.8	256.0	104.3	420	SOTHNGTN20T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.1	260.9	256.0	104.3	424	STONYHILL1T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	263.0	256.0	104.3	427	TRIANGLE3T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	265.7	256.0	104.2	19	1000LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	263.0	256.0	104.2	250	1280-1870DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	263.8	256.0	104.2	258	1394-1515DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	254.2	256.0	104.2	300	1460-387S-DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	265.7	256.0	104.2	309	310-383DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	252.8	256.0	104.2	230	393LINE	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	268.2	256.0	104.2	230	393LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	265.7	256.0	104.2	18	694LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	265.7	256.0	104.2	166	8100LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	265.7	256.0	104.2	167	8200LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	265.7	256.0	104.2	182	88003ALINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	268.2	256.0	104.2	188	88005ALINE-2	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	265.7	256.0	104.2	175	8809ALINE-2	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	265.7	256.0	104.2	190	89003BLINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	268.2	256.0	104.2	196	89005BLINE-2	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	265.7	256.0	104.2	178	8909BLINE-2	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	265.7	256.0	104.2	362	DEVSWST2TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	263.0	256.0	104.2	472	DEV-XFR	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	265.7	256.0	104.2	366	ESHORE12TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	265.7	256.0	104.2	373	GRNDV1TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	265.7	256.0	104.2	375	GRNDV3TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	263.0	256.0	104.2	405	SACKETST1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	265.7	256.0	104.2	466	SGTN7TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	254.2	256.0	104.2	475	SNGPEQ-XFR	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	260.9	256.0	104.2	428	TRIANGLE4T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	265.7	256.0	104.2	442	WRIVER1TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	265.7	256.0	104.2	443	WRIVER2TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	265.7	256.0	104.1	42	1250LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	263.0	256.0	104.1	249	1272-1721DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	268.2	256.0	104.1	48	1300LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	263.0	256.0	104.1	252	1355-1610DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	263.8	256.0	104.1	52	1355LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	248.3	256.0	104.1	296	1460-387S-DCT	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	263.0	256.0	104.1	65	1500LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	260.9	256.0	104.1	262	1505-1607DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	268.2	256.0	104.1	75	1545+SPS	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	260.9	256.0	104.1	264	1560-1570DCT	2C (ESB)	FIX	Recond	0	ON	

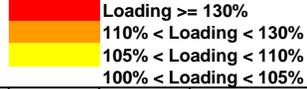
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	263.0	256.0	104.1	84	1605LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	265.7	256.0	104.1	90	1610LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	268.2	256.0	104.1	278	1637-1720DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	263.8	256.0	104.1	281	1670-1830DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	263.8	256.0	104.1	104	1690LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	263.8	256.0	104.1	123	1760+1876LNS	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	268.2	256.0	104.1	484	1975-362WDCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	265.7	256.0	104.1	201	310LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	268.2	256.0	104.1	481	362WLINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	265.7	256.0	104.1	13	400LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	265.7	256.0	104.1	169	8400LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	265.7	256.0	104.1	185	88003ALINE-3	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	265.7	256.0	104.1	193	89003BLINE-3	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	268.2	256.0	104.1	470	devonstuck	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	263.8	256.0	104.1	365	EMERIDEN1T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	265.7	256.0	104.1	370	FROSTBR27T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	263.8	256.0	104.1	384	JUNEST1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	248.3	256.0	104.1	449	LONGMT5TSTK	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	263.8	256.0	104.1	385	MLLRVR1TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	268.2	256.0	104.1	53	ONE1385	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	263.8	256.0	104.1	405	PLUMTREE28T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	263.0	256.0	104.1	412	SOTHNGTN13T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	263.8	256.0	104.1	419	SOTHNGTN16T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	265.7	256.0	104.0	241	1070-1080DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	263.0	256.0	104.0	240	1100-1200DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	265.7	256.0	104.0	47	1280LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	265.7	256.0	104.0	63	1445LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	260.9	256.0	104.0	296	1460-387S-DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	263.8	256.0	104.0	263	1470-1565DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	263.0	256.0	104.0	66	1505LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	265.7	256.0	104.0	82	1572+1772LNS	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	263.8	256.0	104.0	271	1575-1585DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	263.8	256.0	104.0	272	1575-1990DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	265.7	256.0	104.0	274	1580-1730BDC	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	265.7	256.0	104.0	89	1607LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	268.2	256.0	104.0	277	1622-1887DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	265.7	256.0	104.0	107	1720LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	268.2	256.0	104.0	7	1759-353NDCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	263.0	256.0	104.0	119	1760+1876LNS	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	265.7	256.0	104.0	122	1760LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	268.2	256.0	104.0	146	1813LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	265.7	256.0	104.0	165	1990LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	268.2	256.0	104.0	221	371LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	265.7	256.0	104.0	15	667-690LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	265.7	256.0	104.0	197	89006BLINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	265.7	256.0	104.0	326	ALLINGS1TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	265.7	256.0	104.0	327	ALLINGS2TSTK	6C (ESB)	FIX	Recond	0	OFF	

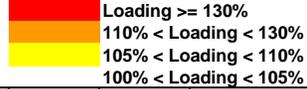
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	263.8	256.0	104.0	340	BROADWYST1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	263.0	256.0	104.0	338	BUNKERH2T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	263.8	256.0	104.0	343	BUNKERH3T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	263.8	256.0	104.0	377	GRNDV5TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	263.0	256.0	104.0	373	GRNDV5TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	263.8	256.0	104.0	378	GRNDV6TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	263.0	256.0	104.0	374	GRNDV6TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	263.0	256.0	104.0	382	MLLRVR2TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	263.8	256.0	104.0	399	PEACEABLE1T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	263.0	256.0	104.0	401	PLUMTREE28T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	265.7	256.0	104.0	465	SGTN6TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	268.2	256.0	104.0	411	SHEPAUG13A	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	268.2	256.0	104.0	469	SINGERSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	265.7	256.0	104.0	417	SOTHNGTN14T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	265.7	256.0	104.0	314	SOUTH1XAUTO	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	263.8	256.0	104.0	441	WBROOKFLD1T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	263.0	256.0	104.0	441	WOODMNT1TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	265.7	256.0	103.9	37	1208LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	268.2	256.0	103.9	40	1238LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	263.8	256.0	103.9	46	1272+1445LNS	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	265.7	256.0	103.9	45	1272LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	256.5	256.0	103.9	255	1310-1763DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	263.8	256.0	103.9	62	1443+1759LNS	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	263.8	256.0	103.9	273	1580-1585DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	265.7	256.0	103.9	85	1585LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	265.7	256.0	103.9	98	1640LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	265.7	256.0	103.9	112	1730BLINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	268.2	256.0	103.9	113	1730CLINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	263.8	256.0	103.9	129	1770LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	263.8	256.0	103.9	292	1810-1825DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	263.8	256.0	103.9	147	1820LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	265.7	256.0	103.9	154	1870LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	265.7	256.0	103.9	157	1887LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	263.0	256.0	103.9	201	318LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	268.2	256.0	103.9	222	371+AUTO	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	265.7	256.0	103.9	224	381LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	265.7	256.0	103.9	225	381LREAC	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	254.2	256.0	103.9	299	8100-8200DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	265.7	256.0	103.9	181	84004LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	263.8	256.0	103.9	186	88005ALINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	263.0	256.0	103.9	182	88005ALINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	265.7	256.0	103.9	330	BAIRDBSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	263.0	256.0	103.9	328	BECONFLSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	265.7	256.0	103.9	339	BRANFRDRR1T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	265.7	256.0	103.9	353	DEVON10TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	268.2	256.0	103.9	356	DEVON23TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	254.2	256.0	103.9	357	DEVON24TSTK	7C (ESB)	FIX	Recond	0	OFF	

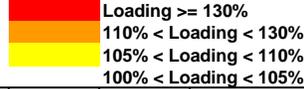
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	268.2	256.0	103.9	358	DEVON25TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	265.7	256.0	103.9	360	DEVON27TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	265.7	256.0	103.9	352	DEVON8TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	263.8	256.0	103.9	364	DEVSWST4TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	263.0	256.0	103.9	360	DEVSWST4TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	265.7	256.0	103.9	369	FROSTBR21T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	265.7	256.0	103.9	374	GRNDAV2TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	263.8	256.0	103.9	383	HAWTHORNST	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	263.0	256.0	103.9	475	NEWDEV2	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	268.2	256.0	103.9	402	PEQUON32TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	268.2	256.0	103.9	403	PEQUON42TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	263.8	256.0	103.9	404	PLUMTREE25T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	263.0	256.0	103.9	458	SGTN3TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	260.9	256.0	103.9	459	SGTN4TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	263.8	256.0	103.9	414	SNAUGA1T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	263.0	256.0	103.9	416	SOTHNGTN20T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	263.8	256.0	103.9	421	SOTHNGTN22T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	263.8	256.0	103.9	422	SOTHNGTN23T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	265.7	256.0	103.9	435	WALLING3TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	265.7	256.0	103.9	436	WALLING4TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	265.7	256.0	103.9	437	WALLING5TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	11	100LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	263.8	256.0	103.8	21	1050+1766LNS	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	240	1060-1270DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	22	1060LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	23	1070LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	26	1090LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	27	1100LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	30	1163LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	32	1165LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	33	1191LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	34	1200LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	44	1270LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	49	1310LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	50	1337LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	263.0	256.0	103.8	48	1355LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	263.0	256.0	103.8	254	1394-1515DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	56	1394LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	57	1410LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	262	1440-1450DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	60	1440LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	61	1443LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	64	1450LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	65	1460LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	66	1466LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	68	1490LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	73	1537LINE	6C (ESB)	FIX	Recond	0	OFF	

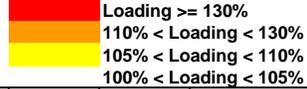
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	76	1550LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	263.0	256.0	103.8	268	1575-1990DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	263.8	256.0	103.8	83	1575LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	84	1580LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	86	1588LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	87	1594LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	268.2	256.0	103.8	94	1622LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	268.2	256.0	103.8	97	1637LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	99	1655LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	263.8	256.0	103.8	279	1668-1721DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	100	1668LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	280	1670-1771DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	263.0	256.0	103.8	277	1670-1830DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	101	1670LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	102	1675LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	103	1685LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	263.0	256.0	103.8	100	1690LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	105	1704LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	108	1721LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	268.2	256.0	103.8	109	1722LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	263.8	256.0	103.8	286	1732-1788DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	115	1740LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	117	1751LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	119	1753LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	120	1756LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	121	1759LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	124	1763LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	125	1765LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	126	1766LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	127	1767LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	128	1769LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	130	1771LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	133	1775LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	135	1779LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	263.8	256.0	103.8	136	1780LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	139	1785LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	140	1786LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	141	1788LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	263.8	256.0	103.8	142	1790LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	143	1792LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	144	1800-1860LNS	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	145	1810LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	149	1825LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	150	1830LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	151	1835LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	159	1900LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	160	1910LINE	6C (ESB)	FIX	Recond	0	OFF	

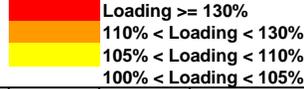
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	161	1921LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	162	1950LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	163	1975LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	308	310-368DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	263.0	256.0	103.8	206	347LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	263.0	256.0	103.8	207	347LREAC	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	223	376LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	268.2	256.0	103.8	228	387NLINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	16	689LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	17	693LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	265.7	256.0	103.8	168	8300LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	170	8500LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	172	8700LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	183	88003ALINE-1	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	263.8	256.0	103.8	189	88006ALINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	173	8804ALINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	191	89003BLINE-1	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	263.8	256.0	103.8	198	89006BLINE-1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	176	8904BLINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	179	9500LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	180	9502LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.8	337	BRANFORD2T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	338	BRANFORD4T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	263.8	256.0	103.8	341	BUNKERH1T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	354	DEVON11TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	355	DEVON12TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	349	DEVON4TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	268.2	256.0	103.8	472	devon-eshr2	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	323	LOSSNHAV	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	324	LOSSNOR1	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	325	LOSSNOR2	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	263.0	256.0	103.8	381	MLLRVR1TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	263.0	256.0	103.8	460	SGTN5TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	474	SNG-PEQTAP	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	418	SOTHNGTN15T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	263.0	256.0	103.8	415	SOTHNGTN16T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	424	SOTHNGTN25T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	315	SOUTH2XAUTO	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	430	TRIANGLE2T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	265.7	256.0	103.8	438	WATERST1TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	265.7	256.0	103.8	439	WATERST2TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	263.0	256.0	103.8	437	WBROOKFLD1T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	263.8	256.0	103.7	12	100+400LINES	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	265.7	256.0	103.7	20	1050LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	265.7	256.0	103.7	239	1060-1165DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.4	265.7	256.0	103.7	242	1080-1280DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	263.8	256.0	103.7	245	1100-1300DCT	14C (ESB)	FIX	Recond	700	OFF	

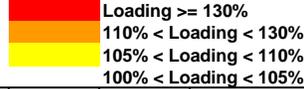
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	263.8	256.0	103.7	31	1163+1910LNS	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	259.0	256.0	103.7	244	1163-1550D-2	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	35	1206LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	36	1207LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	265.7	256.0	103.7	250	1208-1640DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	43	1261LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	265.7	256.0	103.7	51	1342LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	263.8	256.0	103.7	483	1466-362EDCT	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	265.7	256.0	103.7	71	1508LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	265.7	256.0	103.7	72	1515LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	265.7	256.0	103.7	81	1572LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	263.0	256.0	103.7	267	1575-1585DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	275	1620-1975DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	93	1620NLINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	92	1620SLINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	95	1625LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	265.7	256.0	103.7	118	1752LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	263.0	256.0	103.7	125	1770LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	131	1772LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	265.7	256.0	103.7	289	1777-1779DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	265.7	256.0	103.7	134	1777LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	265.7	256.0	103.7	138	1784LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	259.0	256.0	103.7	286	1800-1810DCT	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	263.0	256.0	103.7	203	329LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	215	348N+AUTO	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	263.8	256.0	103.7	480	362ELINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	265.7	256.0	103.7	229	387SLINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	171	8600LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	263.8	256.0	103.7	184	88003ALINE-2	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	265.7	256.0	103.7	174	8809ALINE-1	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	263.8	256.0	103.7	192	89003BLINE-2	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	265.7	256.0	103.7	177	8909BLINE-1	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	263.8	256.0	103.7	329	BAIRDASTK	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	265.7	256.0	103.7	336	BRANFORD1T	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	263.0	256.0	103.7	336	BROADWYST1	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	263.8	256.0	103.7	361	DEVSWST1TSTK	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	263.8	256.0	103.7	363	DEVSWST3TSTK	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	263.0	256.0	103.7	361	EMERIDEN1T	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	263.8	256.0	103.7	368	FROSTBR15T	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	263.8	256.0	103.7	376	GRNDAV4TSTK	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	263.0	256.0	103.7	372	GRNDAV4TSTK	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	263.8	256.0	103.7	379	GRNDAV7TSTK	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	263.0	256.0	103.7	375	GRNDAV7TSTK	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	381	HADDAMAT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	263.0	256.0	103.7	379	HAWTHORNST	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	263.0	256.0	103.7	380	JUNEST1	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	312	MANCHAUTO1	6C (ESB)	FIX	Recond	0	OFF

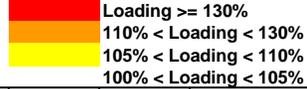
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	265.7	256.0	103.7	478	NEWDEV1	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	263.8	256.0	103.7	388	NOHAVN1TSTK	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	263.0	256.0	103.7	400	PLUMTREE25T	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.5	265.7	256.0	103.7	408	ROCKRIVER1T	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	461	SGTN1TSTK	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	259.0	256.0	103.7	419	SOTHNGTN24T	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	263.8	256.0	103.7	425	SOTHNGTN26T	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.4	259.0	256.0	103.7	422	SOTHNGTN28T	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	265.7	256.0	103.7	434	WALLING2TSTK	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.6	263.8	256.0	103.7	446	WOODMNT2TSTK	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.3	263.8	256.0	103.6	24	1070+1490LNS	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.2	265.7	256.0	103.6	249	1207-1775DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.3	263.8	256.0	103.6	39	1235LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.1	265.7	256.0	103.6	252	1261-1620DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.1	263.0	256.0	103.6	42	1272+1445LNS	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.1	263.0	256.0	103.6	58	1443+1759LNS	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.1	263.0	256.0	103.6	259	1470-1565DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.2	263.8	256.0	103.6	77	1550+1950LNS	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.1	263.8	256.0	103.6	78	1560LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.2	265.7	256.0	103.6	270	1570-1580DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.1	265.7	256.0	103.6	80	1570LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.1	263.0	256.0	103.6	282	1732-1788DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.2	265.7	256.0	103.6	114	1732LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.1	265.7	256.0	103.6	287	1751-1777DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.2	259.0	256.0	103.6	284	1770-1887DCT	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.3	265.7	256.0	103.6	132	1773LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.3	265.7	256.0	103.6	137	1783LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.2	263.0	256.0	103.6	288	1810-1825DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.2	263.0	256.0	103.6	143	1820LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.1	265.7	256.0	103.6	148	1821LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.1	265.7	256.0	103.6	152	1836LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.3	265.7	256.0	103.6	155	1876LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.3	265.7	256.0	103.6	200	301-302LNS	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.3	265.7	256.0	103.6	210	347LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.3	265.7	256.0	103.6	211	347LREAC	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.2	265.7	256.0	103.6	214	348NLINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.3	265.7	256.0	103.6	226	383LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.3	250.0	256.0	103.6	295	8100-8200DCT	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.2	263.0	256.0	103.6	180	88003ALINE-2	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.1	263.0	256.0	103.6	185	88006ALINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.2	263.0	256.0	103.6	188	89003BLINE-2	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.1	263.0	256.0	103.6	194	89006BLINE-1	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.1	265.7	256.0	103.6	333	BOKUM1T	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.3	265.7	256.0	103.6	334	BOKUM2T	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.3	265.7	256.0	103.6	335	BOKUM3T	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.3	263.0	256.0	103.6	339	BUNKERH3T	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		265.2	260.9	256.0	103.6	340	COLONY1T	2C (ESB)	FIX	Recond	0	ON

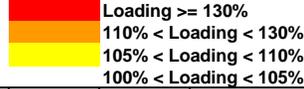
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	265.7	256.0	103.6	351	DEVON7TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	263.0	256.0	103.6	357	DEVSWST1TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	263.0	256.0	103.6	359	DEVSWST3TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	265.7	256.0	103.6	382	HADDAMBT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	259.0	256.0	103.6	383	MIXAVE1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	248.3	256.0	103.6	454	NMSTBKREAC	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	263.0	256.0	103.6	384	NOHAVN1TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	248.3	256.0	103.6	453	NOMNTSTBKR	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	263.8	256.0	103.6	390	NWALLING1T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	263.0	256.0	103.6	395	PEACEABLE1T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	260.9	256.0	103.6	403	QUINIPACST1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	265.7	256.0	103.6	460	SCOVKR8TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	252.8	256.0	103.6	475	SNGPEQ-XFR	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	263.8	256.0	103.6	415	SOTHNGTN12T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	263.0	256.0	103.6	417	SOTHNGTN22T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	263.0	256.0	103.6	418	SOTHNGTN23T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	259.0	256.0	103.6	423	STEVENSNSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	259.0	256.0	103.6	424	STONYHILL1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	260.9	256.0	103.6	425	TRPFALLST1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	265.7	256.0	103.6	444	WESTON1T	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	263.8	256.0	103.5	238	1000-1090DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	263.8	256.0	103.5	19	1000LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	263.0	256.0	103.5	79	1575LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	263.0	256.0	103.5	269	1580-1585DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	265.7	256.0	103.5	91	1618LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	265.7	256.0	103.5	96	1630LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	265.7	256.0	103.5	110	1726LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	260.9	256.0	103.5	287	1800-1825DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	263.0	256.0	103.5	305	310-383DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	265.7	256.0	103.5	14	500LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	263.8	256.0	103.5	182	88003ALINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	265.7	256.0	103.5	187	88005ALINE-1	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	263.8	256.0	103.5	175	8809ALINE-2	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	263.8	256.0	103.5	190	89003BLINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	265.7	256.0	103.5	195	89005BLINE-1	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	263.8	256.0	103.5	178	8909BLINE-2	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	263.0	256.0	103.5	325	BAIRDASTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	260.9	256.0	103.5	327	BATESROCK1T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	263.0	256.0	103.5	337	BUNKERH1T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	265.7	256.0	103.5	471	devon-eshr1	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	263.8	256.0	103.5	362	DEVSWST2TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	263.0	256.0	103.5	358	DEVSWST2TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	263.0	256.0	103.5	473	ESHR-XFR	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	263.0	256.0	103.5	364	FROSTBR15T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	263.8	256.0	103.5	373	GRNDAV1TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	263.8	256.0	103.5	375	GRNDAV3TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	265.7	256.0	103.5	389	NOHAVN2TSTK	6C (ESB)	FIX	Recond	0	OFF	

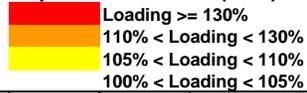
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	259.0	256.0	103.5	459	SGTN4TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	263.0	256.0	103.5	410	SNAUGA1T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	260.9	256.0	103.5	427	TRIANGLE3T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	259.0	256.0	103.5	428	TRIANGLE4T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	265.7	256.0	103.5	433	WALLINGT1TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	260.9	256.0	103.5	441	WOODMNT1TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	263.8	256.0	103.5	442	WRIVER1TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	263.8	256.0	103.5	443	WRIVER2TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	263.0	256.0	103.4	8	100+400LINES	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	263.0	256.0	103.4	17	1050+1766LNS	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	265.7	256.0	103.4	243	1080-1490DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	265.7	256.0	103.4	25	1080LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	263.0	256.0	103.4	241	1100-1300DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	263.0	256.0	103.4	27	1163+1910LNS	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	263.8	256.0	103.4	42	1250LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	259.0	256.0	103.4	262	1505-1607DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	265.7	256.0	103.4	74	1545LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	259.0	256.0	103.4	264	1560-1570DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	260.9	256.0	103.4	265	1570-1575DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	263.8	256.0	103.4	90	1610LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	263.0	256.0	103.4	275	1668-1721DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	263.0	256.0	103.4	132	1780LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	263.0	256.0	103.4	138	1790LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	268.2	256.0	103.4	219	364+AUTO	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	265.7	256.0	103.4	220	368LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	263.8	256.0	103.4	13	400LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	263.8	256.0	103.4	18	694LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	252.8	256.0	103.4	299	8100-8200DCT	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	263.8	256.0	103.4	166	8100LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	263.8	256.0	103.4	167	8200LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	263.8	256.0	103.4	169	8400LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	263.8	256.0	103.4	185	88003ALINE-3	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	263.8	256.0	103.4	193	89003BLINE-3	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	265.7	256.0	103.4	194	89005BLINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	263.8	256.0	103.4	366	ESHORE12TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	260.9	256.0	103.4	376	GREENHLL2T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	268.2	256.0	103.4	456	MONTVSTBKR	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	260.9	256.0	103.4	405	SACKETST1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	263.8	256.0	103.4	466	SGTN7TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	263.0	256.0	103.4	421	SOTHNGTN26T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	263.0	256.0	103.4	438	WRIVER1TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	263.0	256.0	103.4	439	WRIVER2TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	263.0	256.0	103.3	20	1070+1490LNS	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	263.0	256.0	103.3	35	1235LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	265.7	256.0	103.3	41	1238+1813LNS	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	260.9	256.0	103.3	250	1280-1870DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	263.8	256.0	103.3	47	1280LINE	14C (ESB)	FIX	Recond	700	OFF	

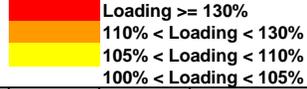
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	260.9	256.0	103.3	252	1355-1610DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	268.2	256.0	103.3	267	1545-1570DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	263.0	256.0	103.3	73	1550+1950LNS	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.3	89	1607LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	263.8	256.0	103.3	165	1990LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	263.8	256.0	103.3	201	310LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	268.2	256.0	103.3	1	353NLINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.3	224	381LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.3	225	381LREAC	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	263.8	256.0	103.3	15	667-690LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	263.0	256.0	103.3	178	88003ALINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	263.0	256.0	103.3	181	88003ALINE-3	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	263.0	256.0	103.3	171	8809ALINE-2	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	263.0	256.0	103.3	186	89003BLINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	263.0	256.0	103.3	189	89003BLINE-3	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	263.8	256.0	103.3	197	89006BLINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	263.0	256.0	103.3	174	8909BLINE-2	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	263.8	256.0	103.3	326	ALLINGS1TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	263.8	256.0	103.3	327	ALLINGS2TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	252.8	256.0	103.3	357	DEVON24TSTK	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	268.2	256.0	103.3	359	DEVON26TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	268.2	256.0	103.3	350	DEVON6TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	260.9	256.0	103.3	472	DEV-XFR	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	263.8	256.0	103.3	370	FROSTBR27T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	268.2	256.0	103.3	317	LOSSDEV7	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	263.0	256.0	103.3	386	NWALLING1T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	260.9	256.0	103.3	460	SGTN5TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	265.7	256.0	103.3	468	SINGDEV1	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	260.9	256.0	103.3	412	SOTHNGTN13T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.0	256.0	103.2	234	1000-1090DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	263.0	256.0	103.2	15	1000LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.2	241	1070-1080DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	260.9	256.0	103.2	240	1100-1200DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.8	256.0	103.2	37	1208LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	260.9	256.0	103.2	249	1272-1721DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.8	256.0	103.2	45	1272LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.2	63	1445LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	263.0	256.0	103.2	479	1466-362EDCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	260.9	256.0	103.2	65	1500LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	260.9	256.0	103.2	66	1505LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	263.0	256.0	103.2	74	1560LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.2	82	1572+1772LNS	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.2	274	1580-1730BDC	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.8	256.0	103.2	85	1585LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	260.9	256.0	103.2	84	1605LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	263.8	256.0	103.2	98	1640LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	263.8	256.0	103.2	107	1720LINE	14C (ESB)	FIX	Recond	700	OFF	

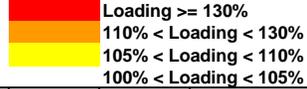
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.2	112	1730BLINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	263.8	256.0	103.2	122	1760LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	263.8	256.0	103.2	157	1887LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	260.9	256.0	103.2	201	318LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	260.9	256.0	103.2	203	329LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	265.7	256.0	103.2	311	371-383DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.0	256.0	103.2	162	8100LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.0	256.0	103.2	163	8200LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	263.8	256.0	103.2	181	84004LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.0	256.0	103.2	165	8400LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	265.7	256.0	103.2	188	88005ALINE-2	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	265.7	256.0	103.2	196	89005BLINE-2	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.0	256.0	103.2	193	89006BLINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.8	256.0	103.2	330	BAIRDBSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	263.0	256.0	103.2	326	BAIRDBSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.8	256.0	103.2	339	BRANFRDRRLT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	268.2	256.0	103.2	450	CARD2TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.2	353	DEVON10TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.8	256.0	103.2	360	DEVON27TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.2	352	DEVON8TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.0	256.0	103.2	369	GRNDAV1TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.2	374	GRNDAV2TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.0	256.0	103.2	371	GRNDAV3TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	260.9	256.0	103.2	373	GRNDAV5TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	260.9	256.0	103.2	374	GRNDAV6TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	260.9	256.0	103.2	382	MLLRVR2TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	268.2	256.0	103.2	313	PLUMAUT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.2	465	SGTN6TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.0	256.0	103.2	462	SGTN7TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.0	256.0	103.2	411	SOTHNGTN12T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.2	417	SOTHNGTN14T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	263.8	256.0	103.2	314	SOUTH1XAUTO	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	263.8	256.0	103.2	435	WALLING3TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.8	256.0	103.2	436	WALLING4TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	263.8	256.0	103.2	437	WALLING5TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	240	1060-1270DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	22	1060LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	23	1070LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	26	1090LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	27	1100LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	30	1163LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	32	1165LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	33	1191LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	34	1200LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.0	256.0	103.1	38	1250LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	44	1270LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.0	256.0	103.1	43	1280LINE	18C (ESB)	FIX	Recond	-700	ON	

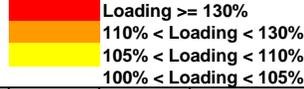
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	265.7	256.0	103.1	48	1300LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	50	1337LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	57	1410LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	262	1440-1450DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.8	256.0	103.1	60	1440LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.8	256.0	103.1	61	1443LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	65	1460LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	66	1466LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	68	1490LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	73	1537LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	265.7	256.0	103.1	75	1545+SPS	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	84	1580LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	86	1588LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	87	1594LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	99	1655LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	100	1668LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	280	1670-1771DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	101	1670LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	102	1675LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	103	1685LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	105	1704LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.8	256.0	103.1	108	1721LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	115	1740LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	119	1753LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	120	1756LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	121	1759LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	260.9	256.0	103.1	119	1760+1876LNS	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.0	256.0	103.1	118	1760LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	125	1765LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	126	1766LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	268.2	256.0	103.1	8	1767-353NDCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	128	1769LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	130	1771LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	135	1779LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	139	1785LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	141	1788LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	143	1792LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	145	1810LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	149	1825LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	150	1830LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	151	1835LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.8	256.0	103.1	154	1870LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	159	1900LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	161	1921LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	265.7	256.0	103.1	484	1975-362WDCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	163	1975LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.8	256.0	103.1	309	310-383DCT	14C (ESB)	FIX	Recond	700	OFF	

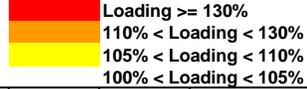
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	248.3	256.0	103.1	199	312+393LNS	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	248.3	256.0	103.1	200	312+393REAC	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	248.3	256.0	103.1	198	312LINE	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	268.2	256.0	103.1	6	353N+AUTO	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.0	256.0	103.1	476	362ELINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	268.2	256.0	103.1	485	362W-376DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	265.7	256.0	103.1	481	362WLINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	223	376LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.0	256.0	103.1	9	400LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	16	689LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	17	693LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.0	256.0	103.1	14	694LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.8	256.0	103.1	168	8300LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	170	8500LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	172	8700LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.8	256.0	103.1	183	88003ALINE-1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	260.9	256.0	103.1	182	88005ALINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.8	256.0	103.1	173	8804ALINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.8	256.0	103.1	191	89003BLINE-1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	176	8904BLINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	179	9500LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	180	9502LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.0	256.0	103.1	322	ALLINGS1TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.0	256.0	103.1	323	ALLINGS2TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	260.9	256.0	103.1	328	BECONFSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	338	BRANFORD4T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	260.9	256.0	103.1	338	BUNKERH2T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	354	DEVON11TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	355	DEVON12TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	349	DEVON4TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	260.9	256.0	103.1	360	DEVSWST4TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	369	FROSTBR21T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.0	256.0	103.1	366	FROSTBR27T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	323	LOSSNHAV	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	324	LOSSNOR1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	325	LOSSNOR2	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	265.7	256.0	103.1	467	NORSING1	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	265.7	256.0	103.1	53	ONE1385	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	260.9	256.0	103.1	458	SGTN3TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	474	SNG-PQQTAP	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	252.3	256.0	103.1	471	SNGPEQ-XFR	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	418	SOTHNGTN15T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	260.9	256.0	103.1	416	SOTHNGTN20T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	424	SOTHNGTN25T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.1	315	SOUTH2XAUTO	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	263.8	256.0	103.1	430	TRIANGLE2T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	438	WATERST1TSTK	14C (ESB)	FIX	Recond	700	OFF	

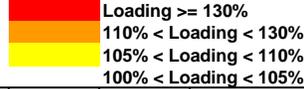
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.8	256.0	103.1	439	WATERST2TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	263.0	256.0	103.1	442	WOODMNT2TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	11	100LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	20	1050LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	239	1060-1165DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	35	1206LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	36	1207LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	250	1208-1640DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	43	1261LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	254.2	256.0	103.0	255	1310-1763DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	49	1310LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	260.9	256.0	103.0	254	1394-1515DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	56	1394LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	64	1450LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	260.9	256.0	103.0	259	1470-1565DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	263.8	256.0	103.0	71	1508LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	76	1550LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	81	1572LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.0	256.0	103.0	86	1610LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	275	1620-1975DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	93	1620NLINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	92	1620SLINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	265.7	256.0	103.0	277	1622-1887DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	95	1625LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	260.9	256.0	103.0	100	1690LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	265.7	256.0	103.0	113	1730CLINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	117	1751LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	263.8	256.0	103.0	118	1752LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	124	1763LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	127	1767LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	131	1772LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	133	1775LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	263.8	256.0	103.0	289	1777-1779DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	263.8	256.0	103.0	134	1777LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	140	1786LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	144	1800-1860LNS	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	265.7	256.0	103.0	146	1813LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	263.0	256.0	103.0	153	1887LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	160	1910LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	162	1950LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.0	256.0	103.0	161	1990LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	263.8	256.0	103.0	308	310-368DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.0	256.0	103.0	197	310LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	263.8	256.0	103.0	215	348N+AUTO	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	263.0	256.0	103.0	177	84004LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	171	8600LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.0	256.0	103.0	169	8804ALINE	18C (ESB)	FIX	Recond	-700	ON	

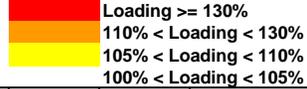
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	174	8909ALINE-1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.0	256.0	103.0	172	8904BLINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	177	8909BLINE-1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	337	BRANFORD2T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	265.7	256.0	103.0	356	DEVON23TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	265.7	256.0	103.0	358	DEVON25TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	265.7	256.0	103.0	470	devonstuck	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	381	HADDAMAT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	252.8	256.0	103.0	453	LONGMT5TSTK	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	312	MANCHAUTO1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	260.9	256.0	103.0	381	MLLRVR1TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	263.8	256.0	103.0	478	NEWDEV1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	260.9	256.0	103.0	475	NEWDEV2	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	260.9	256.0	103.0	395	PEACEABLE1T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	265.7	256.0	103.0	402	PEQUON32TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	265.7	256.0	103.0	403	PEQUON42TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	260.9	256.0	103.0	401	PLUMTREE28T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	263.8	256.0	103.0	461	SGTN1TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	265.7	256.0	103.0	411	SHEPAUG13A	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	263.8	256.0	103.0	434	WALLING2TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	260.9	256.0	103.0	437	WBROOKFLD1T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.0	256.0	102.9	237	1070-1080DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	263.8	256.0	102.9	242	1080-1280DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.8	256.0	102.9	249	1207-1775DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.0	256.0	102.9	41	1272LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.8	256.0	102.9	51	1342LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	260.9	256.0	102.9	48	1355LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	263.0	256.0	102.9	59	1445LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.8	256.0	102.9	72	1515LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.8	256.0	102.9	270	1570-1580DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.8	256.0	102.9	80	1570LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.0	256.0	102.9	78	1572+1772LNS	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	260.9	256.0	102.9	268	1575-1990DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.0	256.0	102.9	270	1580-1730BDC	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	263.0	256.0	102.9	81	1585LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.0	256.0	102.9	85	1607LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	265.7	256.0	102.9	94	1622LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	260.9	256.0	102.9	277	1670-1830DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	263.0	256.0	102.9	103	1720LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	265.7	256.0	102.9	109	1722LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	263.0	256.0	102.9	108	1730BLINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	263.8	256.0	102.9	137	1783LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.8	256.0	102.9	138	1784LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.0	256.0	102.9	150	1870LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	256.5	256.0	102.9	210	347LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	256.5	256.0	102.9	211	347LRAC	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	265.7	256.0	102.9	221	371LINE	6C (ESB)	FIX	Recond	0	OFF	

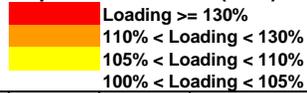
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.0	256.0	102.9	11	667-690LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	248.3	256.0	102.9	295	8100-8200DCT	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.0	256.0	102.9	164	8300LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.8	256.0	102.9	334	BOKUM2T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.8	256.0	102.9	335	BOKUM3T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.8	256.0	102.9	336	BRANFORD1T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.0	256.0	102.9	335	BRANFRDRR1T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	260.9	256.0	102.9	336	BROADWYST1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	263.0	256.0	102.9	349	DEVON10TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.8	256.0	102.9	351	DEVON7TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	263.0	256.0	102.9	348	DEVON8TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	260.9	256.0	102.9	357	DEVSWT1TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	260.9	256.0	102.9	359	DEVSWT3TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	260.9	256.0	102.9	361	EMERLDEN1T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.0	256.0	102.9	365	FROSTBR21T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.0	256.0	102.9	370	GRNDAV2TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	260.9	256.0	102.9	372	GRNDAV4TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	260.9	256.0	102.9	375	GRNDAV7TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	260.9	256.0	102.9	380	JUNEST1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	268.2	256.0	102.9	316	LOSSBPT3	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.8	256.0	102.9	408	ROCKRIVER1T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	259.0	256.0	102.9	460	SGTN5TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	263.0	256.0	102.9	461	SGTN6TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.0	256.0	102.9	413	SOTHNGTN14T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	260.9	256.0	102.9	415	SOTHNGTN16T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	263.0	256.0	102.9	310	SOUTH1XAUTO	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	19	1070LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	22	1090LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	29	1191LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.0	256.0	102.8	33	1208LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	265.7	256.0	102.8	40	1238LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.8	256.0	102.8	252	1261-1620DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.0	256.0	102.8	56	1440LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.0	256.0	102.8	57	1443LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.0	256.0	102.8	61	1460LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	62	1466LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	268.2	256.0	102.8	265	1470-1720DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.0	256.0	102.8	69	1537LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	260.9	256.0	102.8	267	1575-1585DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.8	82	1588LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	83	1594LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	265.7	256.0	102.8	278	1637-1720DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.0	256.0	102.8	94	1640LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	96	1668LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.0	256.0	102.8	276	1670-1771DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	97	1670LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.8	98	1675LINE	18C (ESB)	FIX	Recond	-700	ON	

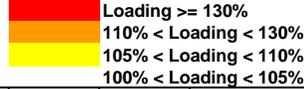
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.8	101	1704LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	104	1721LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.8	256.0	102.8	114	1732LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	111	1740LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.8	256.0	102.8	287	1751-1777DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	115	1753LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.0	256.0	102.8	117	1759LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	121	1765LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	260.9	256.0	102.8	125	1770LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	126	1771LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.8	256.0	102.8	132	1773LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	135	1785LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	139	1792LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	259.0	256.0	102.8	287	1800-1825DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	260.9	256.0	102.8	288	1810-1825DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.8	256.0	102.8	148	1821LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	147	1835LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.8	256.0	102.8	152	1836LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.8	256.0	102.8	155	1876LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.8	155	1900LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	157	1921LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.8	256.0	102.8	200	301-302LNS	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	268.2	256.0	102.8	307	310-348DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.0	256.0	102.8	304	310-368DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	211	348N+AUTO	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.8	256.0	102.8	214	348NLINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	260.9	256.0	102.8	212	352LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	265.7	256.0	102.8	222	371+AUTO	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	219	376LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.0	256.0	102.8	222	383LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.8	256.0	102.8	14	500LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	166	8500LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	168	8700LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.0	256.0	102.8	179	88003ALINE-1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	260.9	256.0	102.8	180	88003ALINE-2	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.8	256.0	102.8	187	88005ALINE-1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	170	8809ALINE-1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.0	256.0	102.8	187	89003BLINE-1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	260.9	256.0	102.8	188	89003BLINE-2	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.8	256.0	102.8	195	89005BLINE-1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	173	8909BLINE-1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	176	9502LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	259.0	256.0	102.8	327	BATESROCK1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.8	256.0	102.8	333	BOKUM1T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	333	BRANFORD2T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.0	256.0	102.8	334	BRANFORD4T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	260.9	256.0	102.8	339	BUNKERH3T	2C (ESB)	FIX	Recond	0	ON	

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	259.0	256.0	102.8	340	COLONY1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	356	DEVON27TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.8	256.0	102.8	382	HADDAMBT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	260.9	256.0	102.8	379	HAWTHORNST	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.0	256.0	102.8	454	NMSTBKREAC	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.0	256.0	102.8	453	NOMNTSTBKR	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	268.2	256.0	102.8	391	NORWALKST1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	260.9	256.0	102.8	400	PLUMTREE25T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	259.0	256.0	102.8	403	QUINIPACST1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	404	ROCKRIVER1T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.8	256.0	102.8	460	SCOVRRK8TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	457	SGTNTSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.0	256.0	102.8	414	SOTHNGTN15T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	260.9	256.0	102.8	417	SOTHNGTN22T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	259.0	256.0	102.8	427	TRIANGLE3T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	259.0	256.0	102.8	425	TRPFALLST1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	263.0	256.0	102.8	431	WALLING3TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.0	256.0	102.8	432	WALLING4TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	263.0	256.0	102.8	433	WALLING5TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	434	WATERST1TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.0	256.0	102.8	435	WATERST2TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	263.8	256.0	102.8	444	WESTON1T	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	259.0	256.0	102.8	441	WOODMNT1TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	7	100LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	16	1050LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	263.0	256.0	102.7	235	1060-1165DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	236	1060-1270DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	18	1060LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	238	1080-1280DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	263.8	256.0	102.7	243	1080-1490DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.8	256.0	102.7	25	1080LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	23	1100LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	256.5	256.0	102.7	248	1163-1550D-2	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	26	1163LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	28	1165LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	30	1200LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	31	1206LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	32	1207LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	246	1208-1640DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	39	1261LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	40	1270LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	260.9	256.0	102.7	42	1272+1445LNS	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	45	1310LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	46	1337LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	263.0	256.0	102.7	47	1342LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	52	1394LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	53	1410LINE	18C (ESB)	FIX	Recond	-700	ON	

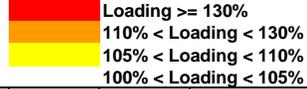
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	258	1440-1450DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	260.9	256.0	102.7	58	1443+1759LNS	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	60	1450LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	64	1490LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	67	1508LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	72	1550LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	259.0	256.0	102.7	265	1570-1575DCT	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.9	263.0	256.0	102.7	77	1572LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.8	260.9	256.0	102.7	269	1580-1585DCT	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	80	1580LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.8	256.0	102.7	91	1618LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.9	263.0	256.0	102.7	271	1620-1975DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.9	263.0	256.0	102.7	89	1620NLINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.9	263.0	256.0	102.7	88	1620SLINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.9	263.0	256.0	102.7	91	1625LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.8	256.0	102.7	96	1630LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	265.7	256.0	102.7	97	1637LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	95	1655LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.9	263.0	256.0	102.7	99	1685LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.8	256.0	102.7	110	1726LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.9	260.9	256.0	102.7	282	1732-1788DCT	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	113	1751LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.9	263.0	256.0	102.7	114	1752LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	116	1756LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	120	1763LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	122	1766LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	123	1767LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	124	1769LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	256.5	256.0	102.7	288	1770-1887DCT	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.9	263.0	256.0	102.7	127	1772LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.9	263.0	256.0	102.7	129	1775LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.8	263.0	256.0	102.7	285	1777-1779DCT	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.8	263.0	256.0	102.7	130	1777LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	131	1779LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	134	1784LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	136	1786LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	137	1788LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.8	256.5	256.0	102.7	290	1800-1810DCT	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		262.9	263.0	256.0	102.7	140	1800-1860LNS	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	141	1810LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	260.9	256.0	102.7	143	1820LINE	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	145	1825LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	146	1830LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	151	1876LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	156	1910LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	158	1950LINE	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		263.0	263.0	256.0	102.7	159	1975LINE	18C (ESB)	FIX	Recond	-700	ON

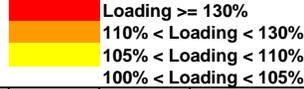
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	263.0	256.0	102.7	196	301-302LNS	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	259.0	256.0	102.7	203	329LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	259.0	256.0	102.7	212	352LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	212	352LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	220	381LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	221	381LREAC	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.8	256.0	102.7	226	383LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	265.7	256.0	102.7	228	387NLINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	12	689LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	13	693LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	167	8600LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	183	88005ALINE-1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	260.9	256.0	102.7	185	88006ALINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.8	256.0	102.7	194	89005BLINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	263.0	256.0	102.7	190	89005BLINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	191	89005BLINE-1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	260.9	256.0	102.7	194	89006BLINE-1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	175	9500LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	260.9	256.0	102.7	325	BAIRDASTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	332	BRANFORD1T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	350	DEVON11TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	351	DEVON12TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	252.3	256.0	102.7	353	DEVON24TSTK	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	345	DEVON4TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.8	256.0	102.7	471	devon-eshr1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	260.9	256.0	102.7	358	DEVSWST2TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	259.0	256.0	102.7	376	GREENHLL2T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	377	HADDAMAT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	320	LOSSNOR1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	321	LOSSNOR2	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	308	MANCHAUTO1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	263.0	256.0	102.7	474	NEWDEV1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	260.9	256.0	102.7	384	NOHAVN1TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.8	256.0	102.7	389	NOHAVN2TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	263.0	256.0	102.7	456	SCOVKR8TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	265.7	256.0	102.7	469	SINGERSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	260.9	256.0	102.7	410	SNAUGA1T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	470	SNG-PEQTAP	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	260.9	256.0	102.7	418	SOTHNGTN23T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	256.5	256.0	102.7	423	SOTHNGTN24T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	420	SOTHNGTN25T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	256.5	256.0	102.7	426	SOTHNGTN28T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	311	SOUTH2XAUTO	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	256.5	256.0	102.7	428	STONYHILL1T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	263.0	256.0	102.7	426	TRIANGLE2T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.8	256.0	102.7	433	WALLING1TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	263.0	256.0	102.7	430	WALLING2TSTK	18C (ESB)	FIX	Recond	-700	ON	

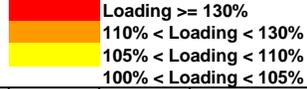
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	260.9	256.0	102.6	8	100+400LINES	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	260.9	256.0	102.6	17	1050+1766LNS	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	260.9	256.0	102.6	27	1163+1910LNS	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	263.0	256.0	102.6	245	1207-1775DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	259.0	256.0	102.6	252	1355-1610DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	268.2	256.0	102.6	67	1470LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	263.0	256.0	102.6	68	1515LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	263.8	256.0	102.6	74	1545LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	260.9	256.0	102.6	79	1575LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	263.0	256.0	102.6	92	1630LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	260.9	256.0	102.6	275	1668-1721DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	263.0	256.0	102.6	110	1732LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	263.0	256.0	102.6	128	1773LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	260.9	256.0	102.6	132	1780LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	263.0	256.0	102.6	133	1783LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	260.9	256.0	102.6	138	1790LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	268.2	256.0	102.6	276	1975-348DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	268.2	256.0	102.6	213	348LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	263.0	256.0	102.6	210	348NLINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	263.8	256.0	102.6	220	368LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	252.8	256.0	102.6	229	387SLINE	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	263.0	256.0	102.6	330	BOKUM2T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	263.0	256.0	102.6	331	BOKUM3T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	260.9	256.0	102.6	337	BUNKERH1T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	265.7	256.0	102.6	472	devon-eshr2	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	259.0	256.0	102.6	472	DEV-XFR	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	260.9	256.0	102.6	473	ESHR-XFR	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	260.9	256.0	102.6	364	FROSTBR15T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	263.0	256.0	102.6	385	NOHAVN2TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	259.0	256.0	102.6	405	SACKETST1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	259.0	256.0	102.6	412	SOTHNGTN13T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	260.9	256.0	102.6	421	SOTHNGTN26T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	256.5	256.0	102.6	427	STEVENSNSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	263.0	256.0	102.6	429	WALLING1TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	260.9	256.0	102.6	438	WRIVER1TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	260.9	256.0	102.6	439	WRIVER2TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	260.9	256.0	102.5	20	1070+1490LNS	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	260.9	256.0	102.5	241	1100-1300DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	260.9	256.0	102.5	35	1235LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	263.8	256.0	102.5	41	1238+1813LNS	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	259.0	256.0	102.5	250	1280-1870DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	252.8	256.0	102.5	255	1310-1763DCT	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	265.7	256.0	102.5	300	1460-387S-DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	259.0	256.0	102.5	259	1470-1565DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	259.0	256.0	102.5	65	1500LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	263.0	256.0	102.5	76	1570LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	259.0	256.0	102.5	84	1605LINE	10C (ESB)	FIX	Recond	700	ON	

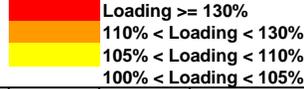
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	263.0	256.0	102.5	87	1618LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	263.0	256.0	102.5	283	1751-1777DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	263.0	256.0	102.5	144	1821LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	263.0	256.0	102.5	148	1836LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	263.0	256.0	102.5	199	312+393LNS	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	263.0	256.0	102.5	200	312+393REAC	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	263.0	256.0	102.5	198	312LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	259.0	256.0	102.5	201	318LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	263.0	256.0	102.5	10	500LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	260.9	256.0	102.5	178	88003ALINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	260.9	256.0	102.5	181	88003ALINE-3	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	263.8	256.0	102.5	188	88005ALINE-2	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	260.9	256.0	102.5	171	8809ALINE-2	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	260.9	256.0	102.5	186	89003BLINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	260.9	256.0	102.5	189	89003BLINE-3	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	263.8	256.0	102.5	196	89005BLINE-2	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	260.9	256.0	102.5	193	89006BLINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	260.9	256.0	102.5	174	8909BLINE-2	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	263.0	256.0	102.5	347	DEVON7TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	263.0	256.0	102.5	467	devon-eshr1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	259.0	256.0	102.5	373	GRNDV5TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	259.0	256.0	102.5	374	GRNDV6TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	259.0	256.0	102.5	395	PEACEABLE1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	259.0	256.0	102.5	458	SGTN3TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	256.5	256.0	102.5	432	TRIANGLE4T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	263.0	256.0	102.5	440	WESTON1T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	260.9	256.0	102.4	234	1000-1090DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	263.0	256.0	102.4	239	1080-1490DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	263.0	256.0	102.4	21	1080LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	259.0	256.0	102.4	240	1100-1200DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	263.0	256.0	102.4	248	1261-1620DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	259.0	256.0	102.4	249	1272-1721DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	263.8	256.0	102.4	48	1300LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	260.9	256.0	102.4	479	1466-362EDCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	256.5	256.0	102.4	266	1505-1607DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	259.0	256.0	102.4	66	1505LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	260.9	256.0	102.4	73	1550+1950LNS	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	263.0	256.0	102.4	266	1570-1580DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	263.0	256.0	102.4	106	1726LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	265.7	256.0	102.4	7	1759-353NDCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	260.9	256.0	102.4	476	362ELINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	263.0	256.0	102.4	216	368LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	263.0	256.0	102.4	307	371-383DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	259.0	256.0	102.4	182	88005ALINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	263.0	256.0	102.4	184	88005ALINE-2	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	263.0	256.0	102.4	192	89005BLINE-2	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	260.9	256.0	102.4	326	BAIRD8TSTK	2C (ESB)	FIX	Recond	0	ON	

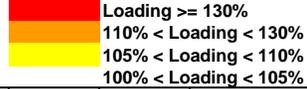
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	263.0	256.0	102.4	329	BOKUM1T	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	259.0	256.0	102.4	338	BUNKERH2T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	265.7	256.0	102.4	359	DEVON26TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	259.0	256.0	102.4	360	DEVSWS24TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	260.9	256.0	102.4	369	GRNDAV1TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	260.9	256.0	102.4	371	GRNDAV3TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	263.0	256.0	102.4	378	HADDAMBT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	265.7	256.0	102.4	317	LOSSDEV7	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	256.5	256.0	102.4	387	MIXAVE1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	259.0	256.0	102.4	382	MLLRVR2TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	256.5	256.0	102.4	479	NEWDEV2	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	260.9	256.0	102.4	386	NWALLING1T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	263.8	256.0	102.4	53	ONE1385	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	263.8	256.0	102.4	468	SINGDEV1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	260.9	256.0	102.4	411	SOTHNGTN12T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	259.0	256.0	102.4	416	SOTHNGTN20T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	260.9	256.0	102.3	15	1000LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	263.0	256.0	102.3	37	1238+1813LNS	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	252.3	256.0	102.3	251	1310-1763DCT	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	259.0	256.0	102.3	254	1394-1515DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	263.8	256.0	102.3	75	1545+SPS	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	265.7	256.0	102.3	267	1545-1570DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	263.0	256.0	102.3	70	1545LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	260.9	256.0	102.3	74	1560LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	259.0	256.0	102.3	119	1760+1876LNS	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	263.8	256.0	102.3	484	1975-362WDCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	260.9	256.0	102.3	305	310-383DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	263.0	256.0	102.3	306	329-352DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	263.0	256.0	102.3	213	352+AUTO	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	263.8	256.0	102.3	481	362WLINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	260.9	256.0	102.3	14	694LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	260.9	256.0	102.3	162	8100LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	260.9	256.0	102.3	163	8200LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	260.9	256.0	102.3	165	8400LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	260.9	256.0	102.3	322	ALLINGS1TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	260.9	256.0	102.3	323	ALLINGS2TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	259.0	256.0	102.3	328	BECONF1STK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	265.7	256.0	102.3	350	DEVON6TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	259.0	256.0	102.3	381	MLLRVR1TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	265.7	256.0	102.3	456	MONTVSTBKR	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	263.8	256.0	102.3	403	PEQUON42TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	265.7	256.0	102.3	313	PLUMAUT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	260.9	256.0	102.3	462	SGTN7TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	263.0	256.0	102.3	464	SINGDEV1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	260.9	256.0	102.2	38	1250LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	260.9	256.0	102.2	43	1280LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	259.0	256.0	102.2	48	1355LINE	10C (ESB)	FIX	Recond	700	ON	

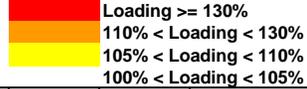
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	260.9	256.0	102.2	86	1610LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	263.8	256.0	102.2	277	1622-1887DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	259.0	256.0	102.2	277	1670-1830DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	259.0	256.0	102.2	100	1690LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	263.8	256.0	102.2	113	1730CLINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	263.8	256.0	102.2	146	1813LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	263.0	256.0	102.2	480	1975-362WDCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	260.9	256.0	102.2	161	1990LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	260.9	256.0	102.2	197	310LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	260.9	256.0	102.2	306	329-352DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	260.9	256.0	102.2	213	352+AUTO	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	263.0	256.0	102.2	477	362WLINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	265.7	256.0	102.2	219	364+AUTO	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	263.8	256.0	102.2	311	371-383DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	248.3	256.0	102.2	226	393LINE	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	260.9	256.0	102.2	9	400LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	260.9	256.0	102.2	169	8804ALINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	260.9	256.0	102.2	172	8904BLINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	263.8	256.0	102.2	356	DEVON23TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	263.8	256.0	102.2	358	DEVON25TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	259.0	256.0	102.2	357	DEVSWST1TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	259.0	256.0	102.2	359	DEVSWST3TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	259.0	256.0	102.2	361	EMERIDEN1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	260.9	256.0	102.2	366	FROSTBR27T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	259.0	256.0	102.2	380	JUNEST1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	259.0	256.0	102.2	475	NEWDEV2	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	263.8	256.0	102.2	467	NORSING1	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	263.8	256.0	102.2	402	PEQUON32TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	259.0	256.0	102.2	401	PLUMTREE28T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	263.8	256.0	102.2	411	SHEPAUG13A	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	259.0	256.0	102.2	415	SOTHNGTN16T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	259.0	256.0	102.2	437	WBROOKFLD1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	260.9	256.0	102.1	237	1070-1080DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	263.8	256.0	102.1	40	1238LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	252.8	256.0	102.1	300	1460-387S-DCT	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	256.5	256.0	102.1	268	1560-1570DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	260.9	256.0	102.1	78	1572+1772LNS	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	259.0	256.0	102.1	267	1575-1585DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	259.0	256.0	102.1	268	1575-1990DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	260.9	256.0	102.1	85	1607LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	263.8	256.0	102.1	94	1622LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	263.8	256.0	102.1	109	1722LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	268.2	256.0	102.1	116	1750LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	260.9	256.0	102.1	118	1760LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	259.0	256.0	102.1	125	1770LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	263.0	256.0	102.1	142	1813LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	260.9	256.0	102.1	153	1887LINE	2C (ESB)	FIX	Recond	0	ON	

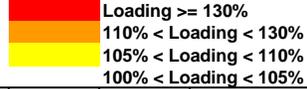
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	259.0	256.0	102.1	306	329-352DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	259.0	256.0	102.1	213	352+AUTO	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	263.8	256.0	102.1	221	371LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	263.8	256.0	102.1	229	387SLINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	260.9	256.0	102.1	11	667-690LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	260.9	256.0	102.1	177	84004LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	260.9	256.0	102.1	335	BRANFRDRR1T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	259.0	256.0	102.1	336	BROADWYST1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	263.8	256.0	102.1	470	devonstuck	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	260.9	256.0	102.1	370	GRNDAV2TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	259.0	256.0	102.1	372	GRNDAV4TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	259.0	256.0	102.1	375	GRNDAV7TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	263.0	256.0	102.1	463	NORSING1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	263.0	256.0	102.1	49	ONE1385	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	259.0	256.0	102.1	400	PLUMTREEE25T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	250.0	256.0	102.1	471	SNGPEQ-XFR	3C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	260.9	256.0	102.1	413	SOTHNGTN14T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	260.9	256.0	102.1	310	SOUTHXAUTO	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	260.9	256.0	102.0	33	1208LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	259.0	256.0	102.0	42	1272+1445LNS	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	260.9	256.0	102.0	41	1272LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	263.0	256.0	102.0	44	1300LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	259.0	256.0	102.0	58	1443+1759LNS	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	260.9	256.0	102.0	59	1445LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	260.9	256.0	102.0	61	1460LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	265.7	256.0	102.0	265	1470-1720DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	260.9	256.0	102.0	69	1537LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	260.9	256.0	102.0	270	1580-1730BDC	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	260.9	256.0	102.0	81	1585LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	263.0	256.0	102.0	273	1622-1887DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	260.9	256.0	102.0	94	1640LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	260.9	256.0	102.0	276	1670-1771DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	260.9	256.0	102.0	103	1720LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	260.9	256.0	102.0	108	1730BLINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	259.0	256.0	102.0	288	1810-1825DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	259.0	256.0	102.0	143	1820LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	260.9	256.0	102.0	150	1870LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	263.8	256.0	102.0	222	371+AUTO	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	260.9	256.0	102.0	220	381LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	260.9	256.0	102.0	221	381LREAC	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	263.0	256.0	102.0	224	387NLINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	260.9	256.0	102.0	164	8300LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	260.9	256.0	102.0	179	88003ALINE-1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	259.0	256.0	102.0	180	88003ALINE-2	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	259.0	256.0	102.0	185	88006ALINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	260.9	256.0	102.0	170	88009ALINE-1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	260.9	256.0	102.0	187	89003BLINE-1	2C (ESB)	FIX	Recond	0	ON	

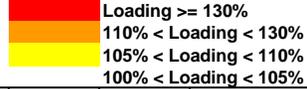
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	259.0	256.0	102.0	188	89003BLINE-2	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	259.0	256.0	102.0	194	89006BLINE-1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	260.9	256.0	102.0	173	8909BLINE-1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	259.0	256.0	102.0	325	BAIRDASTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	260.9	256.0	102.0	334	BRANFORD4T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	259.0	256.0	102.0	339	BUNKERH3T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	260.9	256.0	102.0	349	DEVON10TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	260.9	256.0	102.0	356	DEVON27TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	260.9	256.0	102.0	348	DEVON8TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	263.0	256.0	102.0	466	devonstuck	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	259.0	256.0	102.0	358	DEVSWST2TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	260.9	256.0	102.0	365	FROSTBR21T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	259.0	256.0	102.0	379	HAWTHORNST	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	254.2	256.0	102.0	458	NMSTBKREAC	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	259.0	256.0	102.0	384	NOHAVN1TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	254.2	256.0	102.0	457	NOMNTSTBKR	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	265.7	256.0	102.0	391	NORWALKST1	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	268.2	256.0	102.0	398	OLDTOWNST	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	252.8	256.0	102.0	235	PLUMNOR	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	256.5	256.0	102.0	463	SGTN4TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	260.9	256.0	102.0	461	SGTN6TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	263.0	256.0	102.0	407	SHEPAUG13A	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	260.9	256.0	102.0	414	SOTHNGTN15T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	259.0	256.0	102.0	417	SOTHNGTN22T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	259.0	256.0	102.0	418	SOTHNGTN23T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	260.9	256.0	102.0	431	WALLING3TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	260.9	256.0	102.0	432	WALLING4TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	260.9	256.0	102.0	433	WALLING5TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	260.9	256.0	102.0	442	WOODMNT2TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	7	100LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	259.0	256.0	101.9	17	1050+1766LMS	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	236	1060-1270DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	18	1060LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	19	1070LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	22	1090LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	23	1100LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	26	1163LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	28	1165LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	29	1191LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	30	1200LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	246	1208-1640DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	263.0	256.0	101.9	36	1238LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.9	39	1261LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	40	1270LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	45	1310LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	46	1337LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	52	1394LINE	2C (ESB)	FIX	Recond	0	ON	

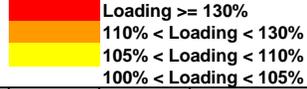
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	TP	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	53	1410LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	258	1440-1450DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	260.9	256.0	101.9	56	1440LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	260.9	256.0	101.9	57	1443LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	60	1450LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	62	1466LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	265.7	256.0	101.9	67	1470LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	64	1490LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	67	1508LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	263.0	256.0	101.9	71	1545+SPS	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	72	1550LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	259.0	256.0	101.9	79	1575LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	259.0	256.0	101.9	269	1580-1585DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	80	1580LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	82	1588LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	83	1594LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.9	88	1620SLINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	263.8	256.0	101.9	278	1637-1720DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	263.8	256.0	101.9	97	1637LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	95	1655LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	259.0	256.0	101.9	275	1668-1721DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	96	1668LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	97	1670LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	98	1675LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	99	1685LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	101	1704LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	260.9	256.0	101.9	104	1721LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	259.0	256.0	101.9	282	1732-1788DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	111	1740LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	113	1751LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	115	1753LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	116	1756LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	260.9	256.0	101.9	117	1759LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	120	1763LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	121	1765LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	122	1766LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	123	1767LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	124	1769LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	126	1771LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	129	1775LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	131	1779LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	135	1785LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	136	1786LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	137	1788LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	139	1792LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	140	1800-1860LNS	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	141	1810LINE	2C (ESB)	FIX	Recond	0	ON	

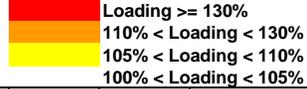
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	TP	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	145	1825LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	146	1830LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	147	1835LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	155	1900LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	156	1910LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	157	1921LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	158	1950LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	159	1975LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.9	304	310-368DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	211	348N+AUTO	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	265.7	256.0	101.9	485	362W-376DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	263.0	256.0	101.9	218	371+AUTO	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	263.0	256.0	101.9	217	371LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	260.9	256.0	101.9	219	376LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	263.8	256.0	101.9	228	387NLINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	259.0	256.0	101.9	225	387SLINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	263.0	256.0	101.9	226	393LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	12	689LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	13	693LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	166	8500LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	167	8600LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	168	8700LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	183	88005ALINE-1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	191	89005BLINE-1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	175	9500LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	176	9502LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	256.5	256.0	101.9	331	BATESROCK1T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	333	BRANFORD2T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	259.0	256.0	101.9	337	BUNKERH1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	256.5	256.0	101.9	344	COLONY1T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	350	DEVON11TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	351	DEVON12TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	345	DEVON4TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	259.0	256.0	101.9	473	ESHR-XFR	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	259.0	256.0	101.9	364	FROSTBR15T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	265.7	256.0	101.9	316	LOSSBPT3	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	320	LOSSNOR1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	321	LOSSNOR2	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.9	308	MANCHAUTO1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	404	ROCKRIVER1T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	457	SGTN1TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	259.0	256.0	101.9	410	SNAUGA1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	470	SNG-PEQTAP	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	420	SOTHNGTN25T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	311	SOUTH2XAUTO	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	260.9	256.0	101.9	426	TRIANGLE2T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	430	WALLING2TSTK	2C (ESB)	FIX	Recond	0	ON	

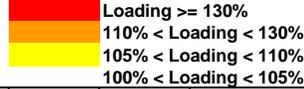
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	434	WATERST1TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	260.9	256.0	101.9	435	WATERST2TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	259.0	256.0	101.8	8	100+400LINES	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	16	1050LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	260.9	256.0	101.8	235	1060-1165DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	260.9	256.0	101.8	238	1080-1280DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	259.0	256.0	101.8	241	1100-1300DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	259.0	256.0	101.8	27	1163+1910LMS	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	254.2	256.0	101.8	248	1163-1550D-2	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	31	1206LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	32	1207LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	260.9	256.0	101.8	47	1342LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	259.0	256.0	101.8	479	1466-362EDCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	260.9	256.0	101.8	68	1515LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	77	1572LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	271	1620-1975DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	89	1620NLINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	263.0	256.0	101.8	90	1622LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	91	1625LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	263.0	256.0	101.8	274	1637-1720DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	263.0	256.0	101.8	105	1722LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	263.0	256.0	101.8	109	1730CLINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	114	1752LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	254.2	256.0	101.8	288	1770-1887DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	127	1772LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	260.9	256.0	101.8	128	1773LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	260.9	256.0	101.8	285	1777-1779DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	260.9	256.0	101.8	130	1777LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	259.0	256.0	101.8	132	1780LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	260.9	256.0	101.8	133	1783LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	134	1784LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	259.0	256.0	101.8	138	1790LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	254.2	256.0	101.8	290	1800-1810DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	256.5	256.0	101.8	291	1800-1825DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	260.9	256.0	101.8	151	1876LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	260.9	256.0	101.8	196	301-302LNS	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	260.9	256.0	101.8	206	347LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	263.8	256.0	101.8	210	347LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	260.9	256.0	101.8	207	347LREAC	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	263.8	256.0	101.8	211	347LREAC	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	260.9	256.0	101.8	210	348NLINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	265.7	256.0	101.8	1	353NLINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	259.0	256.0	101.8	476	362ELINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	260.9	256.0	101.8	222	383LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	259.0	256.0	101.8	178	88003ALINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	259.0	256.0	101.8	181	88003ALINE-3	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	259.0	256.0	101.8	171	8809ALINE-2	10C (ESB)	FIX	Recond	700	ON	

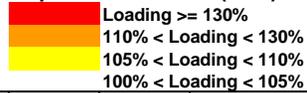
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	259.0	256.0	101.8	186	89003BLINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	259.0	256.0	101.8	189	89003BLINE-3	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	190	89005BLINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	259.0	256.0	101.8	193	89006BLINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	259.0	256.0	101.8	174	8909BLINE-2	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	332	BRANFORD1T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	263.0	256.0	101.8	352	DEVON23TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	250.0	256.0	101.8	353	DEVON24TSTK	3C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	263.0	256.0	101.8	354	DEVON25TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	256.5	256.0	101.8	380	GREENHLL2T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	377	HADDAMAT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	260.9	256.0	101.8	474	NEWDEV1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	263.0	256.0	101.8	398	PEQUON32TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	260.9	256.0	101.8	456	SCOVK8TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	254.2	256.0	101.8	423	SOTHNGTN24T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	259.0	256.0	101.8	421	SOTHNGTN26T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	254.2	256.0	101.8	426	SOTHNGTN28T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	254.2	256.0	101.8	428	STONYHILL1T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	259.0	256.0	101.8	438	WRIVER1TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	259.0	256.0	101.8	439	WRIVER2TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	259.0	256.0	101.7	20	1070+1490LNS	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	260.9	256.0	101.7	245	1207-1775DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	259.0	256.0	101.7	35	1235LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	256.5	256.0	101.7	254	1280-1870DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	256.5	256.0	101.7	263	1470-1565DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	259.0	256.0	101.7	73	1550+1950LNS	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	260.9	256.0	101.7	92	1630LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	263.0	256.0	101.7	93	1637LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	260.9	256.0	101.7	110	1732LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	260.9	256.0	101.7	283	1751-1777DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	263.0	256.0	101.7	3	1759-353DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	260.9	256.0	101.7	144	1821LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	260.9	256.0	101.7	148	1836LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	259.0	256.0	101.7	326	BAIRDBSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	260.9	256.0	101.7	330	BOKUM2T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	260.9	256.0	101.7	331	BOKUM3T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	263.8	256.0	101.7	359	DEVON26TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	263.8	256.0	101.7	472	devon-eshr2	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	263.0	256.0	101.7	468	devon-eshr2	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	260.9	256.0	101.7	385	NOHAVN2TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	259.0	256.0	101.7	386	NWALLING1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	256.5	256.0	101.7	399	PEACEABLE1T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	248.3	256.0	101.7	231	PLUMNOR	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	256.5	256.0	101.7	407	QUINIPACST1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	263.0	256.0	101.7	465	SINGERSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	259.0	256.0	101.7	411	SOTHNGTN12T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	256.5	256.0	101.7	431	TRIANGLE3T	23C (ESB)	FIX	Recond	-700	OFF	

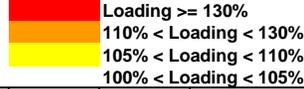
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	260.9	256.0	101.7	429	WALLING1TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	259.0	256.0	101.6	234	1000-1090DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.0	256.0	101.6	15	1000LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	263.8	256.0	101.6	300	1460-387S-DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	263.8	256.0	101.6	267	1545-1570DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	256.5	256.0	101.6	269	1570-1575DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	260.9	256.0	101.6	266	1570-1580DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	260.9	256.0	101.6	76	1570LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	260.9	256.0	101.6	87	1618LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	260.9	256.0	101.6	106	1726LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	256.5	256.0	101.6	309	310-383DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	265.7	256.0	101.6	6	353N+AUTO	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	260.9	256.0	101.6	10	500LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.0	256.0	101.6	162	8100LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.0	256.0	101.6	163	8200LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.0	256.0	101.6	165	8400LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	260.9	256.0	101.6	184	88005ALINE-2	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	260.9	256.0	101.6	192	89005BLINE-2	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.0	256.0	101.6	322	ALLINGS1TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.0	256.0	101.6	323	ALLINGS2TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	263.8	256.0	101.6	350	DEVON6TSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	260.9	256.0	101.6	347	DEVON7TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	260.9	256.0	101.6	467	devon-eshr1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	259.0	256.0	101.6	369	GRNDAV1TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	259.0	256.0	101.6	371	GRNDAV3TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	263.8	256.0	101.6	317	LOSSDEV7	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	263.0	256.0	101.6	399	PEQUON42TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	263.8	256.0	101.6	313	PLUMAUT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	256.5	256.0	101.6	409	SACKETST1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	263.8	256.0	101.6	469	SINGERSTK	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	254.2	256.0	101.6	427	STEVENSNSTK	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	254.2	256.0	101.6	432	TRIANGLE4T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	256.5	256.0	101.6	429	TRPFALLST1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	260.9	256.0	101.6	440	WESTON1T	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	260.9	256.0	101.5	239	1080-1490DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	260.9	256.0	101.5	21	1080LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	256.5	256.0	101.5	244	1100-1200DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.0	256.0	101.5	38	1250LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	260.9	256.0	101.5	248	1261-1620DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.0	256.0	101.5	296	1460-387S-DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	268.2	256.0	101.5	264	1470-1637DCT	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	256.5	256.0	101.5	69	1500LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	254.2	256.0	101.5	266	1505-1607DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	256.5	256.0	101.5	70	1505LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.0	256.0	101.5	74	1560LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	256.5	256.0	101.5	88	1605LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.0	256.0	101.5	86	1610LINE	10C (ESB)	FIX	Recond	700	ON	

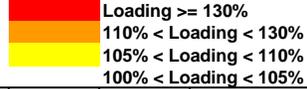
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	TP	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.9	265.7	256.0	101.5	8	1767-353NDCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.9	265.7	256.0	101.5	307	310-348DCT	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		260.0	268.2	256.0	101.5	2	353SLINE	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.8	260.9	256.0	101.5	216	368LINE	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.8	259.0	256.0	101.5	9	400LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		260.0	259.0	256.0	101.5	14	694LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.9	259.0	256.0	101.5	169	8804ALINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.9	259.0	256.0	101.5	172	8904BLINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		260.0	260.9	256.0	101.5	329	BOKUM1T	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.9	256.5	256.0	101.5	477	ESHR-XFR	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.7	259.0	256.0	101.5	366	FROSTBR27T	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		260.0	260.9	256.0	101.5	378	HADDAMBT	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.9	254.2	256.0	101.5	387	MIXAVE1	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.8	254.2	256.0	101.5	479	NEWDEV2	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.7	259.0	256.0	101.5	462	SGTN7TSTK	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.7	260.9	256.0	101.4	37	1238+1813LNS	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	256.5	256.0	101.4	253	1272-1721DCT	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	259.0	256.0	101.4	43	1280LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	250.0	256.0	101.4	251	1310-1763DCT	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	256.5	256.0	101.4	256	1355-1610DCT	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.7	263.8	256.0	101.4	265	1470-1720DCT	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.6	263.8	256.0	101.4	67	1470LINE	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.6	260.9	256.0	101.4	70	1545LINE	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	259.0	256.0	101.4	85	1607LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.6	256.5	256.0	101.4	123	1760+1876LNS	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.6	259.0	256.0	101.4	161	1990LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.6	259.0	256.0	101.4	197	310LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.7	254.2	256.0	101.4	203	312+393LNS	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.7	254.2	256.0	101.4	204	312+393REAC	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.7	254.2	256.0	101.4	202	312LINE	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.6	256.5	256.0	101.4	205	318LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	265.7	256.0	101.4	213	348LINE	6C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	263.0	256.0	101.4	215	364+AUTO	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	259.0	256.0	101.4	11	667-690LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.6	259.0	256.0	101.4	177	84004LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.6	263.0	256.0	101.4	452	MONTVSTBKR	18C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.7	263.8	256.0	101.4	391	NORWALKST1	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	256.5	256.0	101.4	405	PLUMTREE28T	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	256.5	256.0	101.4	462	SGTN3TSTK	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.6	254.2	256.0	101.4	463	SGTN4TSTK	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	256.5	256.0	101.4	464	SGTN5TSTK	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.6	248.3	256.0	101.4	471	SGNPEQ-XFR	11C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	256.5	256.0	101.4	416	SOTHNGTN13T	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	256.5	256.0	101.4	420	SOTHNGTN20T	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.5	256.5	256.0	101.4	441	WBROOKFLD1T	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.4	259.0	256.0	101.3	237	1070-1080DCT	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		259.3	259.0	256.0	101.3	33	1208LINE	10C (ESB)	FIX	Recond	700	ON

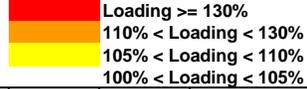
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	268.2	256.0	101.3	38	1222LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.0	256.0	101.3	41	1272LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	256.5	256.0	101.3	258	1394-1515DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.0	256.0	101.3	59	1445LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.0	256.0	101.3	78	1572+1772LNS	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	256.5	256.0	101.3	272	1575-1990DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.0	256.0	101.3	270	1580-1730BDC	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.0	256.0	101.3	81	1585LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	259.0	256.0	101.3	94	1640LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	256.5	256.0	101.3	281	1670-1830DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	256.5	256.0	101.3	104	1690LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.0	256.0	101.3	108	1730BLINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.0	256.0	101.3	118	1760LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.0	256.0	101.3	153	1887LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	265.7	256.0	101.3	276	1975-348DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	260.9	256.0	101.3	480	1975-362WDCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.0	256.0	101.3	305	310-383DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	256.5	256.0	101.3	207	329LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	252.3	256.0	101.3	206	347LINE	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	252.3	256.0	101.3	207	347LREAC	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	260.9	256.0	101.3	477	362WLNE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	263.8	256.0	101.3	219	364+AUTO	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	260.9	256.0	101.3	307	371-383DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	259.0	256.0	101.3	220	381LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	259.0	256.0	101.3	221	381LREAC	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	259.0	256.0	101.3	164	8300LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.0	256.0	101.3	170	8809ALINE-1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.0	256.0	101.3	173	8909BLINE-1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	256.5	256.0	101.3	332	BECONFLSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.0	256.0	101.3	335	BRANFRDRR1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	256.5	256.0	101.3	342	BUNKERH2T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	265.7	256.0	101.3	450	CARD2TSTK	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.0	256.0	101.3	349	DEVON10TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	263.0	256.0	101.3	355	DEVON26TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.0	256.0	101.3	356	DEVON27TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.0	256.0	101.3	348	DEVON8TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.0	256.0	101.3	370	GRNDV2TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	263.0	256.0	101.3	313	LOSSDEV7	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	256.5	256.0	101.3	386	MLLRVR2TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	263.8	256.0	101.3	456	MONTVSTBKR	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	260.9	256.0	101.3	49	ONE1385	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.0	256.0	101.3	461	SGTN6TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	260.9	256.0	101.3	464	SINGDEV1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.0	256.0	101.3	413	SOTHNGTN14T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	256.5	256.0	101.3	419	SOTHNGTN16T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.0	256.0	101.3	310	SOUTHXAUTO	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	259.0	256.0	101.3	431	WALLING3TSTK	10C (ESB)	FIX	Recond	700	ON	

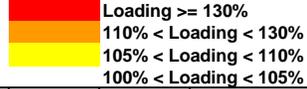
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.0	256.0	101.3	432	WALLING4TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.0	256.0	101.3	433	WALLING5TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.0	256.0	101.3	442	WOODMNT2TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	236	1060-1270DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	18	1060LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	19	1070LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	22	1090LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	23	1100LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	252.8	256.0	101.2	248	1163-1550D-2	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.2	26	1163LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	29	1191LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	30	1200LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	40	1270LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	260.9	256.0	101.2	44	1300LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	46	1337LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	256.5	256.0	101.2	52	1355LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	53	1410LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	258	1440-1450DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.0	256.0	101.2	56	1440LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.0	256.0	101.2	57	1443LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	259.0	256.0	101.2	61	1460LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	62	1466LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	64	1490LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	259.0	256.0	101.2	69	1537LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.2	80	1580LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	82	1588LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	83	1594LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	95	1655LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	96	1668LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.0	256.0	101.2	276	1670-1771DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	97	1670LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	98	1675LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	99	1685LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	101	1704LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.0	256.0	101.2	104	1721LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	111	1740LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	115	1753LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	116	1756LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	263.8	256.0	101.2	7	1759-353NDCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.0	256.0	101.2	117	1759LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	121	1765LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	122	1766LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	124	1769LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	252.8	256.0	101.2	288	1770-1887DCT	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	252.3	256.0	101.2	284	1770-1887DCT	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	256.5	256.0	101.2	129	1770LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	126	1771LINE	10C (ESB)	FIX	Recond	700	ON	

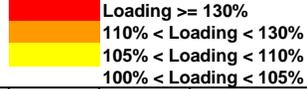
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	131	1779LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	135	1785LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	137	1788LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	139	1792LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	252.8	256.0	101.2	290	1800-1810DCT	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	141	1810LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	260.9	256.0	101.2	142	1813LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	145	1825LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	146	1830LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	147	1835LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.0	256.0	101.2	150	1870LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	155	1900LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	157	1921LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	159	1975LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	263.0	256.0	101.2	481	362W-376DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.0	256.0	101.2	219	376LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	12	689LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	13	693LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.0	256.0	101.2	166	8500LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	168	8700LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.0	256.0	101.2	179	88003ALINE-1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	183	88005ALINE-1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.0	256.0	101.2	187	89003BLINE-1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	191	89005BLINE-1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	175	9500LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	176	9502LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.0	256.0	101.2	333	BRANFORD2T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	259.0	256.0	101.2	334	BRANFORD4T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	256.5	256.0	101.2	340	BROADWYST1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	263.0	256.0	101.2	446	CARD2TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.2	350	DEVON11TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	351	DEVON12TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	248.3	256.0	101.2	353	DEVON24TSTK	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	345	DEVON4TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	256.5	256.0	101.2	365	EMERIDEN1T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	259.0	256.0	101.2	365	FROSTBR21T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	263.8	256.0	101.2	316	LOSSBPT3	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	320	LOSSNOR1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	321	LOSSNOR2	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	256.5	256.0	101.2	385	MLLRVR1TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	263.0	256.0	101.2	309	PLUMAUT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	256.5	256.0	101.2	404	PLUMTREE25T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	470	SNG-PEQTAP	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.0	256.0	101.2	414	SOTHNGTN15T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	252.8	256.0	101.2	423	SOTHNGTN24T	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	252.8	256.0	101.2	426	SOTHNGTN28T	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	311	SOUTH2XAUTO	10C (ESB)	FIX	Recond	700	ON	

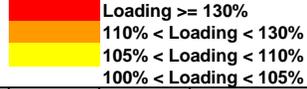
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	252.8	256.0	101.2	428	STONYHILL1T	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	252.3	256.0	101.2	424	STONYHILL1T	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	426	TRIANGLE2T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	430	WALLING2TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	434	WATERST1TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.0	256.0	101.2	435	WATERST2TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	7	100LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	16	1050LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	235	1060-1165DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	28	1165LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	31	1206LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	32	1207LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	246	1208-1640DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	39	1261LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	45	1310LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	259.0	256.0	101.1	47	1342LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	52	1394LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	60	1450LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	254.2	256.0	101.1	263	1470-1565DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	67	1508LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	263.0	256.0	101.1	263	1545-1570DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	72	1550LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	254.2	256.0	101.1	268	1560-1570DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	77	1572LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	271	1620-1975DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	89	1620NLINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	88	1620SLINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	260.9	256.0	101.1	273	1622-1887DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	91	1625LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	103	1720LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	256.5	256.0	101.1	286	1732-1788DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	265.7	256.0	101.1	116	1750LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	113	1751LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	259.0	256.0	101.1	114	1752LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	120	1763LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	123	1767LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	127	1772LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	129	1775LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	259.0	256.0	101.1	285	1777-1779DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	130	1777LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	256.5	256.0	101.1	136	1780LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	136	1786LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	256.5	256.0	101.1	142	1790LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	140	1800-1860LNS	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	256.5	256.0	101.1	292	1810-1825DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	156	1910LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	158	1950LINE	10C (ESB)	FIX	Recond	700	ON	

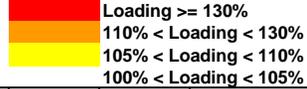
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	211	348N+AUTO	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	260.9	256.0	101.1	224	387NLINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	167	8600LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	256.5	256.0	101.1	189	88006ALINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	190	89005BLINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	256.5	256.0	101.1	198	89006BLINE-1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	332	BRANFORD1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	263.0	256.0	101.1	346	DEVON6TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	377	HADDAMAT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	308	MANCHAUTO1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	474	NEWDEV1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	254.2	256.0	101.1	399	PEACEABLE1T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	404	ROCKRIVER1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	268.2	256.0	101.1	10	SCOVRRK7TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.0	256.0	101.1	457	SGTN1TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	252.8	256.0	101.1	463	SGTN4TSTK	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	260.9	256.0	101.1	407	SHEPAUG13A	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	256.5	256.0	101.1	421	SOTHNGTN22T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	259.0	256.0	101.1	420	SOTHNGTN25T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	252.8	256.0	101.1	432	TRIANGLE4T	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	256.5	256.0	101.1	445	WOODMNT1TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	259.0	256.0	101.0	238	1080-1280DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	252.3	256.0	101.0	244	1163-1550D-2	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	259.0	256.0	101.0	245	1207-1775DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	260.9	256.0	101.0	36	1238LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	256.5	256.0	101.0	46	1272+1445LNS	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	256.5	256.0	101.0	62	1443+1759LNS	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	263.0	256.0	101.0	261	1470-1720DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	263.0	256.0	101.0	63	1470LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	252.8	256.0	101.0	266	1505-1607DCT	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	259.0	256.0	101.0	68	1515LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	260.9	256.0	101.0	71	1545+SPS	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	256.5	256.0	101.0	271	1575-1585DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	260.9	256.0	101.0	90	1622LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	259.0	256.0	101.0	92	1630LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	260.9	256.0	101.0	105	1722LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	259.0	256.0	101.0	133	1783LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	259.0	256.0	101.0	134	1784LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	252.3	256.0	101.0	286	1800-1810DCT	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	256.5	256.0	101.0	147	1820LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	259.0	256.0	101.0	304	310-368DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	254.2	256.0	101.0	210	347LINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	254.2	256.0	101.0	211	347LREAC	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	259.0	256.0	101.0	210	348NLINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	263.0	256.0	101.0	1	353LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	263.8	256.0	101.0	485	362W-376DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	260.9	256.0	101.0	217	371LINE	2C (ESB)	FIX	Recond	0	ON	

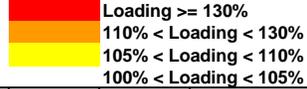
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	256.5	256.0	101.0	186	88005ALINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	256.5	256.0	101.0	329	BAIRDASTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	254.2	256.0	101.0	331	BATESROCK1T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	259.0	256.0	101.0	330	BOKUM2T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	259.0	256.0	101.0	331	BOKUM3T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	256.5	256.0	101.0	343	BUNKERH3T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	254.2	256.0	101.0	344	COLONY1T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	260.9	256.0	101.0	466	devonstuck	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	256.5	256.0	101.0	364	DEVSWST4TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	256.5	256.0	101.0	384	JUNEST1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	252.8	256.0	101.0	387	MIXAVE1	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	259.0	256.0	101.0	385	NOHAVN2TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	260.9	256.0	101.0	463	NORSING1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	263.0	256.0	101.0	387	NORWALKST1	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	265.7	256.0	101.0	398	OLDTOWNST	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	259.0	256.0	101.0	456	SCOVRRK8TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	256.5	256.0	101.0	422	SOTHNGTN23T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	252.3	256.0	101.0	419	SOTHNGTN24T	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	252.3	256.0	101.0	422	SOTHNGTN28T	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	252.8	256.0	101.0	427	STEVENSNSSTK	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	252.3	256.0	101.0	423	STEVENSNSSTK	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	259.0	256.0	101.0	429	WALLING1TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	256.5	256.0	100.9	12	100+400LINES	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	256.5	256.0	100.9	21	1050+1766LNS	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	256.5	256.0	100.9	31	1163+1910LNS	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	259.0	256.0	100.9	266	1570-1580DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	259.0	256.0	100.9	76	1570LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	256.5	256.0	100.9	83	1575LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	256.5	256.0	100.9	273	1580-1585DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	259.0	256.0	100.9	87	1618LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	256.5	256.0	100.9	279	1668-1721DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	260.9	256.0	100.9	109	1730CLINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	259.0	256.0	100.9	110	1732LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	259.0	256.0	100.9	283	1751-1777DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	259.0	256.0	100.9	128	1773LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	254.2	256.0	100.9	291	1800-1825DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	259.0	256.0	100.9	144	1821LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	259.0	256.0	100.9	148	1836LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	259.0	256.0	100.9	151	1876LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	259.0	256.0	100.9	196	301-302LNS	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	263.0	256.0	100.9	2	353+AUTO	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	260.9	256.0	100.9	218	371+AUTO	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	259.0	256.0	100.9	10	500LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	259.0	256.0	100.9	184	88005ALINE-2	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	259.0	256.0	100.9	192	89005BLINE-2	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	256.5	256.0	100.9	341	BUNKERH1T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	260.9	256.0	100.9	352	DEVON23TSTK	2C (ESB)	FIX	Recond	0	ON	

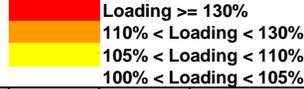
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	260.9	256.0	100.9	354	DEVON25TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	259.0	256.0	100.9	347	DEVON7TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	256.5	256.0	100.9	368	FROSTBR15T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	254.2	256.0	100.9	380	GREENHLL2T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	256.5	256.0	100.9	377	GRNDV5TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	256.5	256.0	100.9	378	GRNDV6TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	252.8	256.0	100.9	479	NEWDEV2	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	260.9	256.0	100.9	398	PEQUON32TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	256.5	256.0	100.9	414	SNAUGA1T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	256.5	256.0	100.9	425	SOTHNGTN26T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	256.5	256.0	100.8	24	1070+1490LNS	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	259.0	256.0	100.8	239	1080-1490DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	259.0	256.0	100.8	21	1080LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	256.5	256.0	100.8	245	1100-1300DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	256.5	256.0	100.8	39	1235LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	259.0	256.0	100.8	248	1261-1620DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	254.2	256.0	100.8	254	1280-1870DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	254.2	256.0	100.8	269	1570-1575DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	259.0	256.0	100.8	106	1726LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	263.0	256.0	100.8	4	1767-353DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	263.0	256.0	100.8	303	310-348DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	259.0	256.0	100.8	222	383LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	256.5	256.0	100.8	175	8809ALINE-2	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	256.5	256.0	100.8	178	8909BLINE-2	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	259.0	256.0	100.8	329	BOKUM1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	268.2	256.0	100.8	448	CARD1TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	268.2	256.0	100.8	451	CARD3TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	259.0	256.0	100.8	467	devon-eshr1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	256.5	256.0	100.8	361	DEVSWST1TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	256.5	256.0	100.8	363	DEVSWST3TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	259.0	256.0	100.8	378	HADDAMBT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	256.5	256.0	100.8	383	HAWTHORNST	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	254.2	256.0	100.8	407	QUINIPACST1	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	254.2	256.0	100.8	464	SGIN5TSTK	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	254.2	256.0	100.8	431	TRIANGLE3T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	252.3	256.0	100.8	428	TRIANGLE4T	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	259.0	256.0	100.8	440	WESTON1T	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	256.5	256.0	100.7	238	1000-1090DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	259.0	256.0	100.7	37	1238+1813LNS	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	248.3	256.0	100.7	251	1310-1763DCT	11C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	252.8	256.0	100.7	263	1470-1565DCT	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	265.7	256.0	100.7	264	1470-1637DCT	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	252.3	256.0	100.7	262	1505-1607DCT	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	259.0	256.0	100.7	70	1545LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	256.5	256.0	100.7	77	1550+1950LNS	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	260.9	256.0	100.7	274	1637-1720DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	260.9	256.0	100.7	93	1637LINE	2C (ESB)	FIX	Recond	0	ON	

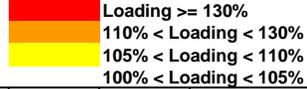
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	256.5	256.0	100.7	7	1759-353NDCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	254.2	256.0	100.7	207	329LINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	268.2	256.0	100.7	208	330LINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	259.0	256.0	100.7	216	368LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	256.5	256.0	100.7	226	383LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	260.9	256.0	100.7	468	devon-eshr2	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	256.5	256.0	100.7	476	DEV-XFR	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	252.3	256.0	100.7	383	MIXAVE1	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	256.5	256.0	100.7	390	NWALLING1T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	252.8	256.0	100.7	399	PEACEABLE1T	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	260.9	256.0	100.7	399	PEQUON42TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	263.8	256.0	100.7	235	PLUMNOR	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	254.2	256.0	100.7	409	SACKETST1	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	254.2	256.0	100.7	429	TRPFALLST1	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	256.5	256.0	100.6	19	1000LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	254.2	256.0	100.6	244	1100-1200DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	256.5	256.0	100.6	483	1466-362EDCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	254.2	256.0	100.6	69	1500LINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	254.2	256.0	100.6	70	1505LINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	252.8	256.0	100.6	268	1560-1570DCT	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	254.2	256.0	100.6	88	1605LINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	263.0	256.0	100.6	272	1975-348DCT	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	256.5	256.0	100.6	165	1990LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	254.2	256.0	100.6	205	318LINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	263.0	256.0	100.6	209	348LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	252.8	256.0	100.6	216	352LINE	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	263.8	256.0	100.6	1	353NLINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	256.5	256.0	100.6	480	362ELINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	254.2	256.0	100.6	230	393LINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	256.5	256.0	100.6	18	694LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	256.5	256.0	100.6	169	8400LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	256.5	256.0	100.6	184	88003ALINE-2	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	256.5	256.0	100.6	192	89003BLINE-2	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	256.5	256.0	100.6	362	DEVSWST2TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	254.2	256.0	100.6	477	ESHR-XFR	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	256.5	256.0	100.6	370	FROSTBR27T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	256.5	256.0	100.6	376	GRNDAV4TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	256.5	256.0	100.6	379	GRNDAV7TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	256.5	256.0	100.6	388	NOHAVN1TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	263.0	256.0	100.6	6	SCOVKR7TSTK	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	254.2	256.0	100.6	462	SGTN3TSTK	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	256.5	256.0	100.6	466	SGTN7TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	256.5	256.0	100.5	42	1250LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	256.5	256.0	100.5	47	1280LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	254.2	256.0	100.5	256	1355-1610DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.2	256.5	256.0	100.5	122	1760LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.2	256.5	256.0	100.5	154	1870LINE	23C (ESB)	FIX	Recond	-700	OFF	

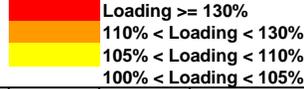
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	256.5	256.0	100.5	157	1887LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	259.0	256.0	100.5	480	1975-362WDCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	263.8	256.0	100.5	307	310-348DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	256.5	256.0	100.5	201	310LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.2	256.5	256.0	100.5	216	352LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	259.0	256.0	100.5	477	362WLINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	256.5	256.0	100.5	13	400LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	256.5	256.0	100.5	166	8100LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	256.5	256.0	100.5	167	8200LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	256.5	256.0	100.5	366	ESHORE12TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	256.5	256.0	100.5	373	GRNDV1TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	256.5	256.0	100.5	375	GRNDV3TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	259.0	256.0	100.5	49	ONE1385	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	252.8	256.0	100.5	464	SGTN5TSTK	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	259.0	256.0	100.5	464	SINGDEV1	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.2	260.9	256.0	100.5	465	SINGERSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	254.2	256.0	100.5	416	SOHNGTN13T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.2	254.2	256.0	100.5	420	SOHNGTN20T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	256.5	256.0	100.4	241	1070-1080DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	256.5	256.0	100.4	250	1208-1640DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	254.2	256.0	100.4	253	1272-1721DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	259.0	256.0	100.4	44	1300LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	254.2	256.0	100.4	258	1394-1515DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	252.3	256.0	100.4	259	1470-1565DCT	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	260.9	256.0	100.4	261	1470-1720DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	260.9	256.0	100.4	63	1470LINE	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	256.5	256.0	100.4	82	1572+1772LNS	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	256.5	256.0	100.4	89	1607LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	256.5	256.0	100.4	98	1640LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	256.5	256.0	100.4	280	1670-1771DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	254.2	256.0	100.4	281	1670-1830DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	254.2	256.0	100.4	104	1690LINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	268.2	256.0	100.4	111	1730ALINE	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	256.5	256.0	100.4	112	1730BLINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	263.8	256.0	100.4	116	1750LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	254.2	256.0	100.4	123	1760+1876LNS	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	252.8	256.0	100.4	291	1800-1825DCT	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	259.0	256.0	100.4	142	1813LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	263.8	256.0	100.4	276	1975-348DCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	256.5	256.0	100.4	308	310-368DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	254.2	256.0	100.4	309	310-383DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	252.8	256.0	100.4	207	329LINE	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	263.8	256.0	100.4	213	348LINE	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	254.2	256.0	100.4	216	352LINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	263.8	256.0	100.4	6	353N+AUTO	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	256.5	256.0	100.4	15	667-690LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	256.5	256.0	100.4	181	84004LINE	23C (ESB)	FIX	Recond	-700	OFF	

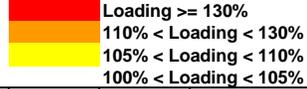
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	256.5	256.0	100.4	197	89006BLINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	252.8	256.0	100.4	331	BATESROCK1T	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	254.2	256.0	100.4	332	BECONFLSTK	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	254.2	256.0	100.4	342	BUNKERH2T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	252.8	256.0	100.4	344	COLONY1T	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	256.5	256.0	100.4	353	DEVON10TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	260.9	256.0	100.4	355	DEVON26TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	256.5	256.0	100.4	352	DEVON8TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	256.5	256.0	100.4	369	FROSTBR21T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	263.0	256.0	100.4	312	LOSSBPT3	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	260.9	256.0	100.4	313	LOSSDEV7	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	254.2	256.0	100.4	386	MLLRVR2TSTK	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	252.3	256.0	100.4	475	NEWDEV2	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	260.9	256.0	100.4	387	NORWALKST1	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	252.3	256.0	100.4	395	PEACEABLE1T	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	260.9	256.0	100.4	309	PLUMAUT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	254.2	256.0	100.4	405	PLUMTREE28T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	256.5	256.0	100.4	415	SOTHNGTN12T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	256.5	256.0	100.4	417	SOTHNGTN14T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	256.5	256.0	100.4	418	SOTHNGTN15T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	254.2	256.0	100.4	419	SOTHNGTN16T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	256.5	256.0	100.4	314	SOUTH1XAUTO	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	254.2	256.0	100.4	441	WBROOKFLD1T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	256.5	256.0	100.4	442	WRIVER1TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	256.5	256.0	100.4	443	WRIVER2TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	256.5	256.0	100.3	33	1191LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	265.7	256.0	100.3	38	1222LINE	6C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	256.5	256.0	100.3	45	1272LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	254.2	256.0	100.3	52	1355LINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	256.5	256.0	100.3	61	1443LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	256.5	256.0	100.3	63	1445LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	259.0	256.0	100.3	71	1545+SPS	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	256.5	256.0	100.3	78	1560LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	254.2	256.0	100.3	272	1575-1990DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	256.5	256.0	100.3	274	1580-1730BDC	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	256.5	256.0	100.3	85	1585LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	256.5	256.0	100.3	90	1610LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	259.0	256.0	100.3	273	1622-1887DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	260.9	256.0	100.3	3	1759-353DCT	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	256.5	256.0	100.3	121	1759LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	263.8	256.0	100.3	8	1767-353NDCT	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	254.2	256.0	100.3	129	1770LINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	256.5	256.0	100.3	138	1784LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	260.9	256.0	100.3	215	364+AUTO	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	259.0	256.0	100.3	307	371-383DCT	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	256.5	256.0	100.3	311	371-383DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	259.0	256.0	100.3	224	387NLINE	10C (ESB)	FIX	Recond	700	ON	

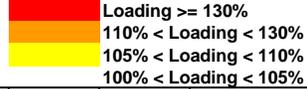
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	256.5	256.0	100.3	182	88003ALINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	256.5	256.0	100.3	185	88003ALINE-3	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	256.5	256.0	100.3	174	8809ALINE-1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	256.5	256.0	100.3	190	89003BLINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	256.5	256.0	100.3	193	89003BLINE-3	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	256.5	256.0	100.3	177	8909BLINE-1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	256.5	256.0	100.3	330	BAIRDBSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	252.3	256.0	100.3	327	BATESROCK1T	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	256.5	256.0	100.3	339	BRANFRDRR1T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	254.2	256.0	100.3	340	BROADWYST1	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	254.2	256.0	100.3	365	EMERIDEN1T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	252.8	256.0	100.3	380	GREENHLL2T	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	256.5	256.0	100.3	374	GRNDV2TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	254.2	256.0	100.3	385	MLLRVR1TSTK	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	260.9	256.0	100.3	452	MONTVSTBKR	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	254.2	256.0	100.3	235	PLUMNOR	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	259.0	256.0	100.3	231	PLUMNOR	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	254.2	256.0	100.3	404	PLUMTREE25T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	252.8	256.0	100.3	407	QUINIPACST1	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	256.5	256.0	100.3	408	ROCKRIVER1T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	256.5	256.0	100.3	465	SGTN6TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	259.0	256.0	100.3	407	SHEPAUG13A	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	254.2	256.0	100.3	445	WOODMNT1TSTK	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	256.5	256.0	100.2	11	100LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	240	1060-1270DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	22	1060LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	256.5	256.0	100.2	23	1070LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	256.5	256.0	100.2	242	1080-1280DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	256.5	256.0	100.2	26	1090LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	27	1100LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	250.0	256.0	100.2	244	1163-1550D-2	3C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	30	1163LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	256.5	256.0	100.2	32	1165LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	34	1200LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	256.5	256.0	100.2	35	1206LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	256.5	256.0	100.2	36	1207LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	37	1208LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	259.0	256.0	100.2	36	1238LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	256.5	256.0	100.2	43	1261LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	44	1270LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	252.8	256.0	100.2	254	1280-1870DCT	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	256.5	256.0	100.2	49	1310LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	50	1337LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	56	1394LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	57	1410LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	262	1440-1450DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	256.5	256.0	100.2	60	1440LINE	23C (ESB)	FIX	Recond	-700	OFF	

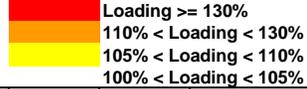
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	256.5	256.0	100.2	64	1450LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	256.5	256.0	100.2	65	1460LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	66	1466LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	68	1490LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	256.5	256.0	100.2	71	1508LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	256.5	256.0	100.2	73	1537LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	260.9	256.0	100.2	263	1545-1570DCT	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	76	1550LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	252.3	256.0	100.2	264	1560-1570DCT	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	252.8	256.0	100.2	269	1570-1575DCT	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	86	1588LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	87	1594LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	256.5	256.0	100.2	275	1620-1975DCT	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	256.5	256.0	100.2	93	1620NLINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	256.5	256.0	100.2	92	1620SLINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	259.0	256.0	100.2	90	1622LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	256.5	256.0	100.2	100	1668LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	256.5	256.0	100.2	101	1670LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	102	1675LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	105	1704LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	268.2	256.0	100.2	285	1720-1730ADC	22C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	256.5	256.0	100.2	108	1721LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	259.0	256.0	100.2	105	1722LINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	259.0	256.0	100.2	109	1730CLINE	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	115	1740LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	117	1751LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	118	1752LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	119	1753LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	120	1756LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	256.5	256.0	100.2	124	1763LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	125	1765LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	126	1766LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	256.5	256.0	100.2	127	1767LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	128	1769LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	250.0	256.0	100.2	284	1770-1887DCT	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	256.5	256.0	100.2	130	1771LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	256.5	256.0	100.2	131	1772LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	256.5	256.0	100.2	133	1775LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	135	1779LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	254.2	256.0	100.2	136	1780LINE	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	139	1785LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	140	1786LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	141	1788LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	254.2	256.0	100.2	142	1790LINE	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	143	1792LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	252.3	256.0	100.2	287	1800-1825DCT	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	256.5	256.0	100.2	144	1800-1860LNS	23C (ESB)	FIX	Recond	-700	OFF

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	254.2	256.0	100.2	292	1810-1825DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	145	1810LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	149	1825LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	150	1830LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	151	1835LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	159	1900LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	160	1910LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	161	1921LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	162	1950LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	163	1975LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	256.5	256.0	100.2	215	348N+AUTO	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	259.0	256.0	100.2	217	371LINE	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	256.5	256.0	100.2	223	376LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	16	689LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	17	693LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	168	8300LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	256.5	256.0	100.2	170	8500LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	172	8700LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	256.5	256.0	100.2	183	88003ALINE-1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	254.2	256.0	100.2	189	88006ALINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	256.5	256.0	100.2	191	89003BLINE-1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	254.2	256.0	100.2	198	89006BLINE-1	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	179	9500LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	180	9502LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	338	BRANFORD4T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	252.3	256.0	100.2	340	COLONY1T	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	355	DEVON12TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	259.0	256.0	100.2	352	DEVON23TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	259.0	256.0	100.2	354	DEVON25TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	360	DEVON27TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	268.2	256.0	100.2	348	DEVON3TSTK	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	349	DEVON4TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	260.9	256.0	100.2	346	DEVON6TSTK	2C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	259.0	256.0	100.2	466	devonstuck	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	256.5	256.0	100.2	381	HADDAMAT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	254.2	256.0	100.2	384	JUNEST1	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	268.2	256.0	100.2	318	LOLAKERD	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	323	LOSSNHAV	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	324	LOSSNOR1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	256.5	256.0	100.2	325	LOSSNOR2	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	256.5	256.0	100.2	312	MANCHAUTO1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	263.8	256.0	100.2	398	OLDTOWNST	14C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	259.0	256.0	100.2	398	PEQUON32TSTK	10C (ESB)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	252.8	256.0	100.2	409	SACKETST1	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	256.5	256.0	100.2	461	SGTN1TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	252.3	256.0	100.2	459	SGTN4TSTK	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	256.5	256.0	100.2	424	SOTHNGTN25T	23C (ESB)	FIX	Recond	-700	OFF	

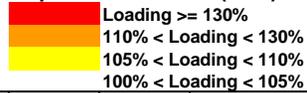
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	250.0	256.0	100.2	422	SOTHNGTN28T	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	315	SOUTH2XAUTO	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.6	250.0	256.0	100.2	424	STONYHILL1T	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	438	WATERST1TSTK	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.5	256.5	256.0	100.2	439	WATERST2TSTK	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	256.5	256.0	100.1	20	1050LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	239	1060-1165DCT	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.2	254.2	256.0	100.1	46	1272+1445LMS	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.2	252.3	256.0	100.1	250	1280-1870DCT	19C (ESB)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.2	256.5	256.0	100.1	51	1342LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	254.2	256.0	100.1	62	1443+1759LNS	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.2	263.8	256.0	100.1	264	1470-1637DCT	14C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.2	252.8	256.0	100.1	69	1500LINE	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	72	1515LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	256.5	256.0	100.1	81	1572LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	254.2	256.0	100.1	271	1575-1585DCT	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	84	1580LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.1	252.8	256.0	100.1	88	1605LINE	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	256.5	256.0	100.1	95	1625LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	99	1655LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	254.2	256.0	100.1	286	1732-1788DCT	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	114	1732LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.1	256.5	256.0	100.1	132	1773LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	289	1777-1779DCT	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	134	1777LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	137	1783LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	250.0	256.0	100.1	286	1800-1810DCT	3C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.4	254.2	256.0	100.1	147	1820LINE	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.2	256.5	256.0	100.1	148	1821LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.2	256.5	256.0	100.1	152	1836LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	155	1876LINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.2	256.5	256.0	100.1	200	301-302LNS	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	252.8	256.0	100.1	205	318LINE	15C (ESB)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	214	348NLINE	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.2	260.9	256.0	100.1	481	362W-376DCT	2C (ESB)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	259.0	256.0	100.1	218	371+AUTO	10C (ESB)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	254.2	256.0	100.1	186	88005ALINE	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	326	ALLINGS1TSTK	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	327	ALLINGS2TSTK	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	254.2	256.0	100.1	329	BAIRDASTK	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.2	256.5	256.0	100.1	334	BOKUM2T	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.2	256.5	256.0	100.1	335	BOKUM3T	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	337	BRANFORD2T	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	254.2	256.0	100.1	343	BUNKERH3T	7C (ESB)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	256.5	256.0	100.1	354	DEVON11TSTK	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.2	256.5	256.0	100.1	471	devon-eshr1	23C (ESB)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN		256.3	254.2	256.0	100.1	364	DEVSWST4TSTK	7C (ESB)	FIX	Recond	0	OFF

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	252.3	256.0	100.1	376	GREENHLL2T	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	256.5	256.0	100.1	478	NEWDEV1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	250.0	256.0	100.1	231	PLUMNOR	3C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	252.3	256.0	100.1	403	QUINIPACST1	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	256.5	256.0	100.1	460	SCOVNK8TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	252.8	256.0	100.1	462	SGTN3TSTK	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	254.2	256.0	100.1	421	SOTHNGTN22T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	254.2	256.0	100.1	422	SOTHNGTN23T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	250.0	256.0	100.1	419	SOTHNGTN24T	3C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	256.5	256.0	100.1	430	TRIANGLE2T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	252.8	256.0	100.1	429	TRPFALLST1	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	256.5	256.0	100.1	434	WALLING2TSTK	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	252.8	256.0	100.0	244	1100-1200DCT	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	256.5	256.0	100.0	249	1207-1775DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	252.8	256.0	100.0	70	1505LINE	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	254.2	256.0	100.0	83	1575LINE	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	254.2	256.0	100.0	273	1580-1585DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	256.5	256.0	100.0	91	1618LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	254.2	256.0	100.0	279	1668-1721DCT	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	256.5	256.0	100.0	107	1720LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	263.0	256.0	100.0	112	1750LINE	18C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	256.5	256.0	100.0	287	1751-1777DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	252.8	256.0	100.0	310	329-352DCT	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	256.5	256.0	100.0	310	329-352DCT	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	252.8	256.0	100.0	217	352+AUTO	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	256.5	256.0	100.0	217	352+AUTO	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	256.5	256.0	100.0	171	8600LINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	256.5	256.0	100.0	173	8804ALINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	256.5	256.0	100.0	176	8904BLINE	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	256.5	256.0	100.0	336	BRANFORD1T	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	254.2	256.0	100.0	341	BUNKERH1T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	252.8	256.0	100.0	477	ESHR-XFR	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	254.2	256.0	100.0	368	FROSTBR15T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	254.2	256.0	100.0	377	GRNDV5TSTK	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	254.2	256.0	100.0	378	GRNDV6TSTK	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	268.2	256.0	100.0	3	KLEENSTK1	22C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	250.0	256.0	100.0	454	NMSTBKREAC	3C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	250.0	256.0	100.0	453	NMNTSTBKR	3C (ESB)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	252.3	256.0	100.0	405	SACKETS1	19C (ESB)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	256.5	256.0	100.0	468	SINGDEV1	23C (ESB)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	254.2	256.0	100.0	414	SNAUGA1T	7C (ESB)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	252.8	256.0	100.0	431	TRIANGLE3T	15C (ESB)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	252.3	256.0	100.0	427	TRIANGLE3T	19C (ESB)	FIX	Recond	-700	ON	
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	261.4	155.5	253.0	103.3	370	FROSTBR27T	17C (ESB)	FIX	Recond	700	OFF	
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	259.7	154.8	253.0	102.7	370	FROSTBR27T	9C (ESB)	FIX	Recond	0	OFF	
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	259.1	153.1	253.0	102.4	370	FROSTBR27T	14C (ESB)	FIX	Recond	700	OFF	
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	257.4	154.0	253.0	101.8	370	FROSTBR27T	25C (ESB)	FIX	Recond	-700	OFF	

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73183 SHAWSHIL 115 73185 BUNKER H 115 1	LN	257.4	152.5	253.0	101.7	370	FROSTBR27T	6C (ESB)	FIX	Recond	0	OFF		
73183 SHAWSHIL 115 73185 BUNKER H 115 1	LN	254.9	151.6	253.0	100.7	370	FROSTBR27T	22C (ESB)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	148.8	14.9	112.0	132.9	253	1272-1721DCT	9C (ESB)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	148.8	15.8	112.0	132.9	253	1272-1721DCT	17C (ESB)	FIX	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	148.8	14.0	112.0	132.8	253	1272-1721DCT	25C (ESB)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	147.4	9.0	112.0	131.6	249	1272-1721DCT	5C (ESB)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	147.3	9.8	112.0	131.6	249	1272-1721DCT	13C (ESB)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	147.4	8.1	112.0	131.6	249	1272-1721DCT	21C (ESB)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	147.1	15.8	112.0	131.4	253	1272-1721DCT	22C (ESB)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	147.0	15.8	112.0	131.3	253	1272-1721DCT	6C (ESB)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	147.0	16.5	112.0	131.3	253	1272-1721DCT	14C (ESB)	FIX	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	145.0	10.6	112.0	129.5	249	1272-1721DCT	18C (ESB)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	144.8	11.7	112.0	129.3	249	1272-1721DCT	2C (ESB)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	144.8	11.9	112.0	129.3	249	1272-1721DCT	10C (ESB)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	143.1	13.1	112.0	127.8	253	1272-1721DCT	23C (ESB)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	143.0	12.7	112.0	127.7	253	1272-1721DCT	7C (ESB)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	143.0	12.5	112.0	127.6	253	1272-1721DCT	15C (ESB)	FIX	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	142.5	18.4	112.0	127.3	249	1272-1721DCT	3C (ESB)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	142.6	19.1	112.0	127.3	249	1272-1721DCT	19C (ESB)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	142.4	18.0	112.0	127.2	249	1272-1721DCT	11C (ESB)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	142.0	28.3	112.0	126.8	253	1272-1721DCT	24C (ESB)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	141.9	27.7	112.0	126.7	253	1272-1721DCT	8C (ESB)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	141.9	27.2	112.0	126.7	253	1272-1721DCT	16C (ESB)	FIX	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	141.4	34.6	112.0	126.3	249	1272-1721DCT	4C (ESB)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	141.4	34.0	112.0	126.3	249	1272-1721DCT	12C (ESB)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	141.5	35.3	112.0	126.3	249	1272-1721DCT	20C (ESB)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	122.2	14.9	112.0	109.1	342	BUNKERH2T	9C (ESB)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	122.2	15.8	112.0	109.1	342	BUNKERH2T	17C (ESB)	FIX	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	122.2	14.0	112.0	109.1	342	BUNKERH2T	25C (ESB)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	121.0	9.0	112.0	108.1	338	BUNKERH2T	5C (ESB)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	121.1	8.1	112.0	108.1	338	BUNKERH2T	21C (ESB)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	121.0	9.8	112.0	108.0	338	BUNKERH2T	13C (ESB)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	119.2	15.8	112.0	106.4	342	BUNKERH2T	22C (ESB)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	119.1	15.8	112.0	106.3	342	BUNKERH2T	6C (ESB)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	119.0	16.5	112.0	106.3	342	BUNKERH2T	14C (ESB)	FIX	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	117.5	10.6	112.0	104.9	338	BUNKERH2T	18C (ESB)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	117.2	11.7	112.0	104.7	338	BUNKERH2T	2C (ESB)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	117.2	11.9	112.0	104.6	338	BUNKERH2T	10C (ESB)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	116.9	13.1	112.0	104.4	342	BUNKERH2T	23C (ESB)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	116.8	12.7	112.0	104.3	342	BUNKERH2T	7C (ESB)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	116.8	12.5	112.0	104.3	342	BUNKERH2T	15C (ESB)	FIX	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	116.3	18.4	112.0	103.9	338	BUNKERH2T	3C (ESB)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	116.4	19.1	112.0	103.9	338	BUNKERH2T	19C (ESB)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	116.3	18.0	112.0	103.8	338	BUNKERH2T	11C (ESB)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	115.8	28.3	112.0	103.4	342	BUNKERH2T	24C (ESB)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	115.7	27.7	112.0	103.3	342	BUNKERH2T	8C (ESB)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	115.7	27.2	112.0	103.3	342	BUNKERH2T	16C (ESB)	FIX	Recond	700	OFF		

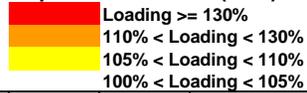
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Loading >= 130%
110% < Loading < 130%
105% < Loading < 110%
100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Neon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73188 BCNPL PF 115 73192 DRBY J B 115 1	LN	115.2	34.6	112.0	102.9	338	BUNKERH2T	4C (ESB)	FIX	Recond	0	ON		
73188 BCNPL PF 115 73192 DRBY J B 115 1	LN	115.3	35.3	112.0	102.9	338	BUNKERH2T	20C (ESB)	FIX	Recond	-700	ON		
73188 BCNPL PF 115 73192 DRBY J B 115 1	LN	115.2	34.0	112.0	102.8	338	BUNKERH2T	12C (ESB)	FIX	Recond	700	ON		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	297.5	129.4	228.0	130.5	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	292.2	125.3	228.0	128.2	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	287.0	125.3	228.0	125.9	300	1460-387S-DCT	14C (ESB)	FIX	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	286.3	129.4	228.0	125.6	300	1460-387S-DCT	17C (ESB)	FIX	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	278.0	129.4	228.0	121.9	229	387SLINE	17C (ESB)	FIX	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	277.5	125.3	228.0	121.7	229	387SLINE	14C (ESB)	FIX	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	275.0	123.7	228.0	120.6	482	ESHrstuck_new	9C (ESB)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	274.4	119.7	228.0	120.3	482	ESHrstuck_new	6C (ESB)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	269.2	119.7	228.0	118.1	300	1460-387S-DCT	6C (ESB)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	268.7	123.7	228.0	117.8	300	1460-387S-DCT	9C (ESB)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	262.1	119.7	228.0	115.0	229	387SLINE	6C (ESB)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	261.5	123.7	228.0	114.7	229	387SLINE	9C (ESB)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	255.4	112.9	228.0	112.0	482	ESHrstuck_new	22C (ESB)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	254.5	116.8	228.0	111.6	482	ESHrstuck_new	25C (ESB)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	248.7	112.9	228.0	109.1	300	1460-387S-DCT	22C (ESB)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	247.9	116.8	228.0	108.7	300	1460-387S-DCT	25C (ESB)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	242.8	112.9	228.0	106.5	229	387SLINE	22C (ESB)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	241.9	116.8	228.0	106.1	229	387SLINE	25C (ESB)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	237.7	100.0	228.0	104.3	478	ESHrstuck_new	10C (ESB)	FIX	Recond	700	ON		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	237.1	103.8	228.0	104.0	478	ESHrstuck_new	13C (ESB)	FIX	Recond	700	ON		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	232.7	100.0	228.0	102.1	296	1460-387S-DCT	10C (ESB)	FIX	Recond	700	ON		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	231.6	103.8	228.0	101.6	296	1460-387S-DCT	13C (ESB)	FIX	Recond	700	ON		
73198 SOUTHGTN 115 73631 WLNGF PF 115 1	LN	371.5	162.9	330.0	112.6	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF		
73198 SOUTHGTN 115 73631 WLNGF PF 115 1	LN	368.9	160.6	330.0	111.8	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF		
73198 SOUTHGTN 115 73631 WLNGF PF 115 1	LN	349.8	160.6	330.0	106.0	229	387SLINE	14C (ESB)	FIX	Recond	700	OFF		
73198 SOUTHGTN 115 73631 WLNGF PF 115 1	LN	347.7	154.3	330.0	105.4	482	ESHrstuck_new	6C (ESB)	FIX	Recond	0	OFF		
73198 SOUTHGTN 115 73631 WLNGF PF 115 1	LN	347.6	162.9	330.0	105.3	229	387SLINE	17C (ESB)	FIX	Recond	700	OFF		
73198 SOUTHGTN 115 73631 WLNGF PF 115 1	LN	345.5	156.5	330.0	104.7	482	ESHrstuck_new	9C (ESB)	FIX	Recond	0	OFF		
73198 SOUTHGTN 115 73631 WLNGF PF 115 1	LN	336.3	160.6	330.0	101.9	300	1460-387S-DCT	14C (ESB)	FIX	Recond	700	OFF		
73198 SOUTHGTN 115 73631 WLNGF PF 115 1	LN	334.1	162.9	330.0	101.2	300	1460-387S-DCT	17C (ESB)	FIX	Recond	700	OFF		
73198 SOUTHGTN 115 73631 WLNGF PF 115 1	LN	331.4	154.3	330.0	100.4	229	387SLINE	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	469.0	224.3	256.0	183.2	260	1416-1880DCT	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	465.2	221.9	256.0	181.7	260	1416-1880DCT	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	462.4	220.1	256.0	180.6	260	1416-1880DCT	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	461.9	218.9	256.0	180.4	256	1416-1880DCT	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	458.6	216.7	256.0	179.1	256	1416-1880DCT	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	455.8	214.9	256.0	178.0	256	1416-1880DCT	10C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	452.7	212.1	256.0	176.8	260	1416-1880DCT	23C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	449.2	209.8	256.0	175.5	260	1416-1880DCT	7C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	447.3	208.5	256.0	174.7	260	1416-1880DCT	15C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	447.0	207.6	256.0	174.6	256	1416-1880DCT	19C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	443.6	205.4	256.0	173.3	256	1416-1880DCT	3C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	441.9	224.3	256.0	172.6	297	1880-1977DCT	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	441.2	203.8	256.0	172.3	256	1416-1880DCT	11C (ESB)	FIX	Recond	700	ON		

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	TP	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	438.2	221.9	256.0	171.2	297	1880-1977DCT	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	435.4	220.1	256.0	170.1	297	1880-1977DCT	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	434.8	218.9	256.0	169.8	293	1880-1977DCT	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	431.6	216.7	256.0	168.6	293	1880-1977DCT	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	428.8	214.9	256.0	167.5	293	1880-1977DCT	10C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	425.7	212.1	256.0	166.3	297	1880-1977DCT	23C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	422.2	209.8	256.0	164.9	297	1880-1977DCT	7C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	420.3	208.5	256.0	164.2	297	1880-1977DCT	15C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	420.0	207.6	256.0	164.1	293	1880-1977DCT	19C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	416.6	205.4	256.0	162.7	293	1880-1977DCT	3C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	414.2	203.8	256.0	161.8	293	1880-1977DCT	11C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	381.5	224.3	256.0	149.0	247	113091001DCT	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	380.1	221.9	256.0	148.5	247	113091001DCT	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	379.1	220.1	256.0	148.1	247	113091001DCT	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	378.5	218.9	256.0	147.9	243	113091001DCT	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	377.5	216.7	256.0	147.5	243	113091001DCT	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	376.9	224.3	256.0	147.2	371	GLENBROOK3T	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	376.5	214.9	256.0	147.1	243	113091001DCT	10C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	375.3	212.1	256.0	146.6	247	113091001DCT	23C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	374.6	224.3	256.0	146.3	156	1880LINE	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	374.6	224.3	256.0	146.3	396	NORWLKHAR4T	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	374.2	209.8	256.0	146.2	247	113091001DCT	7C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	374.2	224.3	256.0	146.2	392	NORWALKST2	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	373.9	208.5	256.0	146.1	247	113091001DCT	15C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	373.6	207.6	256.0	145.9	243	113091001DCT	19C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	372.8	221.9	256.0	145.6	371	GLENBROOK3T	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	372.4	205.4	256.0	145.5	243	113091001DCT	3C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	371.8	203.8	256.0	145.2	243	113091001DCT	11C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	370.7	221.9	256.0	144.8	156	1880LINE	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	370.7	221.9	256.0	144.8	396	NORWLKHAR4T	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	369.6	220.1	256.0	144.4	371	GLENBROOK3T	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	369.8	221.9	256.0	144.4	392	NORWALKST2	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	368.7	218.9	256.0	144.0	367	GLENBROOK3T	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	367.5	220.1	256.0	143.6	156	1880LINE	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	367.5	220.1	256.0	143.6	396	NORWLKHAR4T	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	366.8	218.9	256.0	143.3	152	1880LINE	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	366.8	218.9	256.0	143.3	392	NORWLKHAR4T	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	366.3	220.1	256.0	143.1	392	NORWALKST2	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	365.9	218.9	256.0	142.9	388	NORWALKST2	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	364.9	216.7	256.0	142.5	367	GLENBROOK3T	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	363.1	216.7	256.0	141.8	152	1880LINE	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	363.1	216.7	256.0	141.8	392	NORWLKHAR4T	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	361.7	214.9	256.0	141.3	367	GLENBROOK3T	10C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	361.7	216.7	256.0	141.3	388	NORWALKST2	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	359.9	214.9	256.0	140.6	152	1880LINE	10C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	359.9	214.9	256.0	140.6	392	NORWLKHAR4T	10C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	358.1	214.9	256.0	139.9	388	NORWALKST2	10C (ESB)	FIX	Recond	700	ON		

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Loading >= 130%
110% < Loading < 130%
105% < Loading < 110%
100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	357.8	212.1	256.0	139.8	371	GLENBROOK3T	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	356.3	212.1	256.0	139.2	156	1880LINE	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	356.3	212.1	256.0	139.2	396	NORWLKHAR4T	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	355.0	224.3	256.0	138.7	296	1880-1890DCT	22C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	353.8	209.8	256.0	138.2	371	GLENBROOK3T	7C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	353.8	212.1	256.0	138.2	392	NORWALKST2	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	352.8	221.9	256.0	137.8	296	1880-1890DCT	6C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	352.3	209.8	256.0	137.6	156	1880LINE	7C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	352.3	209.8	256.0	137.6	396	NORWLKHAR4T	7C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	351.1	220.1	256.0	137.2	296	1880-1890DCT	14C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	351.4	208.5	256.0	137.2	371	GLENBROOK3T	15C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	350.9	207.6	256.0	137.1	367	GLENBROOK3T	19C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	350.0	218.9	256.0	136.7	292	1880-1890DCT	18C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	349.8	208.5	256.0	136.7	156	1880LINE	15C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	349.8	208.5	256.0	136.7	396	NORWLKHAR4T	15C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	349.6	207.6	256.0	136.6	152	1880LINE	19C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	349.6	207.6	256.0	136.6	392	NORWLKHAR4T	19C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	349.4	209.8	256.0	136.5	392	NORWALKST2	7C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	348.5	224.3	256.0	136.1	246	1130-1430DCT	22C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	347.9	216.7	256.0	135.9	292	1880-1890DCT	2C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	347.3	221.9	256.0	135.7	246	1130-1430DCT	6C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	346.9	205.4	256.0	135.5	367	GLENBROOK3T	3C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	346.5	220.1	256.0	135.4	246	1130-1430DCT	14C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	346.6	207.6	256.0	135.4	388	NORWALKST2	19C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	346.3	214.9	256.0	135.3	292	1880-1890DCT	10C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	346.5	208.5	256.0	135.3	392	NORWALKST2	15C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	345.7	218.9	256.0	135.0	242	1130-1430DCT	18C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	345.6	224.3	256.0	135.0	261	1416-1890DCT	22C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	345.6	205.4	256.0	135.0	152	1880LINE	3C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	345.6	205.4	256.0	135.0	392	NORWLKHAR4T	3C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	344.8	216.7	256.0	134.7	242	1130-1430DCT	2C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	344.5	221.9	256.0	134.6	261	1416-1890DCT	6C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	344.0	214.9	256.0	134.4	242	1130-1430DCT	10C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	344.0	203.8	256.0	134.4	367	GLENBROOK3T	11C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	343.7	220.1	256.0	134.3	261	1416-1890DCT	14C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	343.4	212.1	256.0	134.2	296	1880-1890DCT	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	342.8	218.9	256.0	133.9	257	1416-1890DCT	18C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	342.7	203.8	256.0	133.9	152	1880LINE	11C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	342.7	203.8	256.0	133.9	392	NORWLKHAR4T	11C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	342.6	212.1	256.0	133.8	246	1130-1430DCT	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	342.1	216.7	256.0	133.6	257	1416-1890DCT	2C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	342.1	205.4	256.0	133.6	388	NORWALKST2	3C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	341.7	209.8	256.0	133.5	246	1130-1430DCT	7C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	341.6	208.5	256.0	133.4	246	1130-1430DCT	15C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	341.4	209.8	256.0	133.4	296	1880-1890DCT	7C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	341.3	214.9	256.0	133.3	257	1416-1890DCT	10C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	340.9	207.6	256.0	133.2	242	1130-1430DCT	19C (ESB)	FIX	Recond	-700	ON

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	TP	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	340.0	205.4	256.0	132.8	242	1130-1430DCT	3C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	339.9	212.1	256.0	132.8	261	1416-1890DCT	23C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	339.9	208.5	256.0	132.8	296	1880-1890DCT	15C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	339.5	203.8	256.0	132.6	242	1130-1430DCT	11C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	339.1	207.6	256.0	132.5	292	1880-1890DCT	19C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	339.0	209.8	256.0	132.4	261	1416-1890DCT	7C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	339.0	208.5	256.0	132.4	261	1416-1890DCT	15C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	338.8	203.8	256.0	132.3	388	NORWALKST2	11C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	338.3	207.6	256.0	132.1	257	1416-1890DCT	19C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	337.4	205.4	256.0	131.8	257	1416-1890DCT	3C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	337.1	205.4	256.0	131.7	292	1880-1890DCT	3C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	336.9	203.8	256.0	131.6	257	1416-1890DCT	11C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	335.5	203.8	256.0	131.1	292	1880-1890DCT	11C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	321.9	224.3	256.0	125.8	298	1890-1977DCT	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	320.9	221.9	256.0	125.3	298	1890-1977DCT	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	320.1	220.1	256.0	125.0	298	1890-1977DCT	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	319.2	218.9	256.0	124.7	294	1890-1977DCT	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	318.5	216.7	256.0	124.4	294	1890-1977DCT	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	317.7	214.9	256.0	124.1	294	1890-1977DCT	10C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	316.4	212.1	256.0	123.6	298	1890-1977DCT	23C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	315.5	209.8	256.0	123.2	298	1890-1977DCT	7C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	315.5	208.5	256.0	123.2	298	1890-1977DCT	15C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	314.8	207.6	256.0	123.0	294	1890-1977DCT	19C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	313.9	205.4	256.0	122.6	294	1890-1977DCT	3C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	313.5	203.8	256.0	122.4	294	1890-1977DCT	11C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	297.8	224.3	256.0	116.3	199	91001LINE	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	295.8	221.9	256.0	115.6	199	91001LINE	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	294.4	220.1	256.0	115.0	199	91001LINE	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	293.6	218.9	256.0	114.7	195	91001LINE	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	291.9	216.7	256.0	114.0	195	91001LINE	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	290.4	214.9	256.0	113.4	195	91001LINE	10C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	288.4	212.1	256.0	112.7	199	91001LINE	23C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	286.6	209.8	256.0	111.9	199	91001LINE	7C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	285.6	208.5	256.0	111.6	199	91001LINE	15C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	285.2	207.6	256.0	111.4	195	91001LINE	19C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	283.4	205.4	256.0	110.7	195	91001LINE	3C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	282.1	203.8	256.0	110.2	195	91001LINE	11C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	279.8	224.3	256.0	109.3	395	NORWLKHAR3T	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	277.6	224.3	256.0	108.4	28	1130LINE	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	277.0	224.3	256.0	108.2	328	ASHCREEKBKR	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	275.9	221.9	256.0	107.8	395	NORWLKHAR3T	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	276.0	224.3	256.0	107.8	400	PEQUON12TSTK	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	275.5	221.9	256.0	107.6	28	1130LINE	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	275.2	221.9	256.0	107.5	328	ASHCREEKBKR	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	274.0	220.1	256.0	107.0	28	1130LINE	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	273.9	220.1	256.0	107.0	328	ASHCREEKBKR	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	273.8	221.9	256.0	107.0	400	PEQUON12TSTK	6C (ESB)	FIX	Recond	0	OFF		

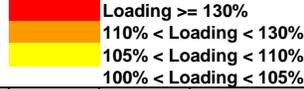
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	273.0	218.9	256.0	106.6	24	1130LINE	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	272.8	218.9	256.0	106.6	324	ASHCREEKBKR	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	273.0	220.1	256.0	106.6	395	NORWLKHAR3T	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	272.1	224.3	256.0	106.3	59	1430LINE	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	272.2	220.1	256.0	106.3	400	PEQUON12TSTK	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	271.8	218.9	256.0	106.2	391	NORWLKHAR3T	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	271.3	216.7	256.0	106.0	24	1130LINE	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	271.3	216.7	256.0	106.0	324	ASHCREEKBKR	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	270.7	218.9	256.0	105.7	396	PEQUON12TSTK	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	270.3	221.9	256.0	105.6	59	1430LINE	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	270.0	214.9	256.0	105.5	324	ASHCREEKBKR	10C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	269.7	214.9	256.0	105.4	24	1130LINE	10C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	269.0	220.1	256.0	105.1	59	1430LINE	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	268.8	216.7	256.0	105.0	396	PEQUON12TSTK	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	224.3	224.3	214.0	104.8	**	Base Case	**	22C (ESB)	FIX	Recond	-700	OFF	
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	268.2	224.3	256.0	104.8	29	1130+1416LNS	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	268.2	216.7	256.0	104.8	391	NORWLKHAR3T	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	268.0	218.9	256.0	104.7	55	1430LINE	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	267.8	212.1	256.0	104.6	328	ASHCREEKBKR	23C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	267.5	212.1	256.0	104.5	28	1130LINE	23C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	267.1	214.9	256.0	104.3	396	PEQUON12TSTK	10C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	266.8	224.3	256.0	104.2	410	SASCOCR1T	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	266.4	216.7	256.0	104.1	55	1430LINE	2C (ESB)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	266.4	224.3	256.0	104.1	372	GLENBROOK8T	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	266.2	221.9	256.0	104.0	29	1130+1416LNS	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	266.1	224.3	256.0	104.0	158	1890LINE	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	266.2	209.8	256.0	104.0	328	ASHCREEKBKR	7C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	266.1	224.3	256.0	104.0	393	NORWLKHAR1T	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	266.1	224.3	256.0	103.9	58	1416LINE	22C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	221.9	221.9	214.0	103.7	**	Base Case	**	6C (ESB)	FIX	Recond	0	OFF	
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	265.6	209.8	256.0	103.7	28	1130LINE	7C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	265.5	208.5	256.0	103.7	328	ASHCREEKBKR	15C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	265.2	214.9	256.0	103.6	391	NORWLKHAR3T	10C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	265.1	221.9	256.0	103.6	410	SASCOCR1T	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	265.1	214.9	256.0	103.5	55	1430LINE	10C (ESB)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.7	220.1	256.0	103.4	29	1130+1416LNS	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.6	208.5	256.0	103.4	28	1130LINE	15C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.7	221.9	256.0	103.4	372	GLENBROOK8T	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.5	221.9	256.0	103.3	158	1890LINE	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.6	207.6	256.0	103.3	324	ASHCREEKBKR	19C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.5	221.9	256.0	103.3	393	NORWLKHAR1T	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.1	221.9	256.0	103.2	58	1416LINE	6C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	263.9	207.6	256.0	103.1	24	1130LINE	19C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.0	212.1	256.0	103.1	400	PEQUON12TSTK	23C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	263.6	218.9	256.0	103.0	25	1130+1416LNS	18C (ESB)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	263.8	220.1	256.0	103.0	410	SASCOCR1T	14C (ESB)	FIX	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	263.4	220.1	256.0	102.9	372	GLENBROOK8T	14C (ESB)	FIX	Recond	700	OFF		

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	220.1	220.1	214.0	102.8		** Base Case **	14C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	263.1	220.1	256.0	102.8	158	1890LINE	14C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	263.1	220.1	256.0	102.8	393	NORWLKHAR1T	14C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	263.0	212.1	256.0	102.7	59	1430LINE	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	263.0	205.4	256.0	102.7	324	ASHCREEKBKR	3C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	262.8	218.9	256.0	102.7	406	SASCOCR1T	18C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	262.6	220.1	256.0	102.6	58	1416LINE	14C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	262.4	218.9	256.0	102.5	368	GLENBROOK8T	18C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	262.1	205.4	256.0	102.4	24	1130LINE	3C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	262.1	218.9	256.0	102.4	154	1890LINE	18C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	262.1	218.9	256.0	102.4	389	NORWLKHAR1T	18C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	262.0	209.8	256.0	102.4	400	PEQUON12TSTK	7C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	218.9	218.9	214.0	102.3		** Base Case **	18C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	261.9	216.7	256.0	102.3	25	1130+1416LNS	2C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	262.0	203.8	256.0	102.3	324	ASHCREEKBKR	11C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	261.5	218.9	256.0	102.2	54	1416LINE	18C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	261.3	209.8	256.0	102.1	59	1430LINE	7C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	261.3	216.7	256.0	102.1	406	SASCOCR1T	2C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	261.0	208.5	256.0	102.0	400	PEQUON12TSTK	15C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	260.8	203.8	256.0	101.9	24	1130LINE	11C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	260.8	216.7	256.0	101.9	368	GLENBROOK8T	2C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	260.9	212.1	256.0	101.9	395	NORWLKHAR3T	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	260.5	208.5	256.0	101.8	59	1430LINE	15C (ESB)	FIX	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	260.6	216.7	256.0	101.8	154	1890LINE	2C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	260.6	216.7	256.0	101.8	389	NORWLKHAR1T	2C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	260.4	214.9	256.0	101.7	25	1130+1416LNS	10C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	259.8	216.7	256.0	101.5	54	1416LINE	2C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	259.8	207.6	256.0	101.5	55	1430LINE	19C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	260.0	214.9	256.0	101.5	406	SASCOCR1T	10C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	259.5	214.9	256.0	101.4	368	GLENBROOK8T	10C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	259.7	207.6	256.0	101.4	396	PEQUON12TSTK	19C (ESB)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	216.7	216.7	214.0	101.3		** Base Case **	2C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	259.2	214.9	256.0	101.3	154	1890LINE	10C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	259.2	214.9	256.0	101.3	389	NORWLKHAR1T	10C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	258.3	214.9	256.0	100.9	54	1416LINE	10C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	258.1	212.1	256.0	100.8	29	1130+1416LNS	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	258.2	205.4	256.0	100.8	55	1430LINE	3C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	257.7	205.4	256.0	100.7	396	PEQUON12TSTK	3C (ESB)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	257.9	212.1	256.0	100.7	410	SASCOCR1T	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	257.2	212.1	256.0	100.5	158	1890LINE	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	257.4	212.1	256.0	100.5	372	GLENBROOK8T	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	257.2	212.1	256.0	100.5	393	NORWLKHAR1T	23C (ESB)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	257.2	209.8	256.0	100.5	395	NORWLKHAR3T	7C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	214.9	214.9	214.0	100.4		** Base Case **	10C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	257.0	203.8	256.0	100.4	55	1430LINE	11C (ESB)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	256.3	209.8	256.0	100.1	29	1130+1416LNS	7C (ESB)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	256.4	203.8	256.0	100.1	396	PEQUON12TSTK	11C (ESB)	FIX	Recond	700	ON

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	TP	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	256.3	209.8	256.0	100.1	410	SASCOCR1T	7C (ESB)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	256.1	212.1	256.0	100.0	58	1416LINE	23C (ESB)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	256.1	224.3	256.0	100.0	345	DARIEN1T	22C (ESB)	FIX	Recond	-700	OFF		
73224 TRMB J A 115 73700 PEQUONIC 115 1	LN	243.1	61.5	231.0	105.2	343	DEVON2TSTK	12C (ESB)	FIX	Recond	700	ON		
73224 TRMB J A 115 73700 PEQUONIC 115 1	LN	240.7	60.9	231.0	104.2	343	DEVON2TSTK	4C (ESB)	FIX	Recond	0	ON		
73224 TRMB J A 115 73700 PEQUONIC 115 1	LN	237.9	60.1	231.0	103.0	343	DEVON2TSTK	20C (ESB)	FIX	Recond	-700	ON		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	142.2	58.8	112.0	126.9	466	SGTN7TSTK	17C (ESB)	FIX	Recond	700	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	140.4	57.2	112.0	125.4	466	SGTN7TSTK	14C (ESB)	FIX	Recond	700	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	140.2	54.8	112.0	125.2	466	SGTN7TSTK	9C (ESB)	FIX	Recond	0	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	138.6	50.8	112.0	123.8	466	SGTN7TSTK	25C (ESB)	FIX	Recond	-700	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	138.6	53.6	112.0	123.7	466	SGTN7TSTK	6C (ESB)	FIX	Recond	0	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	137.0	49.6	112.0	122.3	466	SGTN7TSTK	22C (ESB)	FIX	Recond	-700	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	133.4	57.0	112.0	119.1	462	SGTN7TSTK	13C (ESB)	FIX	Recond	700	ON		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	131.8	53.6	112.0	117.7	462	SGTN7TSTK	5C (ESB)	FIX	Recond	0	ON		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	131.8	55.8	112.0	117.7	462	SGTN7TSTK	10C (ESB)	FIX	Recond	700	ON		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	130.1	52.3	112.0	116.2	462	SGTN7TSTK	2C (ESB)	FIX	Recond	0	ON		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	130.1	49.5	112.0	116.2	462	SGTN7TSTK	21C (ESB)	FIX	Recond	-700	ON		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	128.4	48.2	112.0	114.7	462	SGTN7TSTK	18C (ESB)	FIX	Recond	-700	ON		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	118.0	47.1	112.0	105.3	466	SGTN7TSTK	15C (ESB)	FIX	Recond	700	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	116.4	43.7	112.0	104.0	466	SGTN7TSTK	7C (ESB)	FIX	Recond	0	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	114.8	39.6	112.0	102.5	466	SGTN7TSTK	23C (ESB)	FIX	Recond	-700	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	112.4	44.5	112.0	100.4	466	SGTN7TSTK	16C (ESB)	FIX	Recond	700	OFF		
73228 BALDWNJB 115 73185 BUNKER H 115 1	LN	173.7	100.4	165.0	105.3	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF		
73228 BALDWNJB 115 73185 BUNKER H 115 1	LN	170.6	99.1	165.0	103.4	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF		
73228 BALDWNJB 115 73185 BUNKER H 115 1	LN	166.2	99.1	165.0	100.7	300	1460-387S-DCT	14C (ESB)	FIX	Recond	700	OFF		
73228 BALDWNJB 115 73185 BUNKER H 115 1	LN	165.4	100.4	165.0	100.2	300	1460-387S-DCT	17C (ESB)	FIX	Recond	700	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	195.0	110.2	165.0	118.2	92	1620SLINE	17C (ESB)	FIX	Recond	700	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	193.9	109.6	165.0	117.5	92	1620SLINE	14C (ESB)	FIX	Recond	700	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	189.3	106.9	165.0	114.7	92	1620SLINE	9C (ESB)	FIX	Recond	0	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	188.3	106.4	165.0	114.1	92	1620SLINE	6C (ESB)	FIX	Recond	0	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	184.0	110.2	165.0	111.5	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	182.8	103.2	165.0	110.8	92	1620SLINE	25C (ESB)	FIX	Recond	-700	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	182.0	109.6	165.0	110.3	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	181.8	102.7	165.0	110.2	92	1620SLINE	22C (ESB)	FIX	Recond	-700	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	174.2	109.6	165.0	105.6	229	387SLINE	14C (ESB)	FIX	Recond	700	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	173.8	110.2	165.0	105.3	229	387SLINE	17C (ESB)	FIX	Recond	700	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	173.5	98.1	165.0	105.1	88	1620SLINE	13C (ESB)	FIX	Recond	700	ON		
73230 HADDAM 115 73231 BOKUM 115 1	LN	172.8	97.7	165.0	104.7	88	1620SLINE	10C (ESB)	FIX	Recond	700	ON		
73230 HADDAM 115 73231 BOKUM 115 1	LN	172.5	106.4	165.0	104.5	482	ESHrstuck_new	6C (ESB)	FIX	Recond	0	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	171.8	106.9	165.0	104.1	482	ESHrstuck_new	9C (ESB)	FIX	Recond	0	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	168.0	95.0	165.0	101.8	88	1620SLINE	5C (ESB)	FIX	Recond	0	ON		
73230 HADDAM 115 73231 BOKUM 115 1	LN	167.3	94.6	165.0	101.4	88	1620SLINE	2C (ESB)	FIX	Recond	0	ON		
73230 HADDAM 115 73231 BOKUM 115 1	LN	166.2	106.4	165.0	100.8	229	387SLINE	6C (ESB)	FIX	Recond	0	OFF		
73230 HADDAM 115 73231 BOKUM 115 1	LN	165.3	106.9	165.0	100.2	229	387SLINE	9C (ESB)	FIX	Recond	0	OFF		
73230 HADDAM 115 73231 BOKUM 115 2	LN	196.2	113.0	191.0	102.7	43	1261LINE	17C (ESB)	FIX	Recond	700	OFF		
73230 HADDAM 115 73231 BOKUM 115 2	LN	195.1	112.4	191.0	102.2	43	1261LINE	14C (ESB)	FIX	Recond	700	OFF		
73231 BOKUM 115 73265 GREEN HL 115 1	LN	290.5	149.2	284.0	102.3	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF		

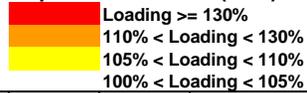
List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Loading >= 130%
110% < Loading < 130%
105% < Loading < 110%
100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73231 BOKUM	115 73265 GREEN HL	115 1	LN	288.7	148.2	284.0	101.7	482	ESHrstuck_new	14C (ESB)	FIX	Recond	700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	302.4	22.5	134.0	225.7	430	TRIANGLE2T	22C (ESB)	FIX	Recond	-700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	302.3	22.5	134.0	225.6	430	TRIANGLE2T	15C (ESB)	FIX	Recond	700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	302.2	22.4	134.0	225.5	430	TRIANGLE2T	6C (ESB)	FIX	Recond	0	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	302.1	22.4	134.0	225.5	430	TRIANGLE2T	9C (ESB)	FIX	Recond	0	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	302.2	22.4	134.0	225.5	430	TRIANGLE2T	17C (ESB)	FIX	Recond	700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	302.0	22.4	134.0	225.4	430	TRIANGLE2T	14C (ESB)	FIX	Recond	700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	302.1	22.4	134.0	225.4	430	TRIANGLE2T	25C (ESB)	FIX	Recond	-700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	298.5	22.5	134.0	222.8	426	TRIANGLE2T	18C (ESB)	FIX	Recond	-700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	298.4	22.5	134.0	222.7	426	TRIANGLE2T	2C (ESB)	FIX	Recond	0	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	298.4	22.5	134.0	222.7	430	TRIANGLE2T	7C (ESB)	FIX	Recond	0	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	298.4	22.5	134.0	222.7	430	TRIANGLE2T	23C (ESB)	FIX	Recond	-700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	298.3	22.4	134.0	222.6	426	TRIANGLE2T	10C (ESB)	FIX	Recond	700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	298.1	22.4	134.0	222.5	426	TRIANGLE2T	13C (ESB)	FIX	Recond	700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	298.1	22.5	134.0	222.5	430	TRIANGLE2T	16C (ESB)	FIX	Recond	700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	298.0	22.4	134.0	222.4	426	TRIANGLE2T	3C (ESB)	FIX	Recond	0	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	298.0	22.4	134.0	222.4	426	TRIANGLE2T	5C (ESB)	FIX	Recond	0	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	298.1	22.4	134.0	222.4	426	TRIANGLE2T	11C (ESB)	FIX	Recond	700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	298.0	22.4	134.0	222.4	426	TRIANGLE2T	19C (ESB)	FIX	Recond	-700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	297.9	22.4	134.0	222.3	426	TRIANGLE2T	12C (ESB)	FIX	Recond	700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	297.9	22.4	134.0	222.3	426	TRIANGLE2T	21C (ESB)	FIX	Recond	-700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	297.8	22.4	134.0	222.2	430	TRIANGLE2T	8C (ESB)	FIX	Recond	0	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	297.5	22.4	134.0	222.0	426	TRIANGLE2T	4C (ESB)	FIX	Recond	0	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	297.4	22.4	134.0	221.9	430	TRIANGLE2T	24C (ESB)	FIX	Recond	-700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	297.2	22.4	134.0	221.8	426	TRIANGLE2T	20C (ESB)	FIX	Recond	-700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	149.4	22.5	134.0	111.5	239	1060-1165DCT	15C (ESB)	FIX	Recond	700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	149.3	22.5	134.0	111.4	239	1060-1165DCT	7C (ESB)	FIX	Recond	0	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	149.2	22.5	134.0	111.4	239	1060-1165DCT	23C (ESB)	FIX	Recond	-700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	149.1	22.5	134.0	111.3	235	1060-1165DCT	2C (ESB)	FIX	Recond	0	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	149.1	22.4	134.0	111.3	235	1060-1165DCT	11C (ESB)	FIX	Recond	700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	149.2	22.5	134.0	111.3	239	1060-1165DCT	16C (ESB)	FIX	Recond	700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	149.2	22.5	134.0	111.3	235	1060-1165DCT	18C (ESB)	FIX	Recond	-700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	149.1	22.5	134.0	111.3	239	1060-1165DCT	22C (ESB)	FIX	Recond	-700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	149.0	22.4	134.0	111.2	235	1060-1165DCT	3C (ESB)	FIX	Recond	0	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	149.1	22.4	134.0	111.2	235	1060-1165DCT	10C (ESB)	FIX	Recond	700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	149.0	22.4	134.0	111.2	235	1060-1165DCT	12C (ESB)	FIX	Recond	700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	149.0	22.4	134.0	111.2	235	1060-1165DCT	13C (ESB)	FIX	Recond	700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	149.0	22.4	134.0	111.2	239	1060-1165DCT	17C (ESB)	FIX	Recond	700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	148.9	22.4	134.0	111.1	235	1060-1165DCT	5C (ESB)	FIX	Recond	0	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	148.9	22.4	134.0	111.1	239	1060-1165DCT	6C (ESB)	FIX	Recond	0	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	148.9	22.4	134.0	111.1	239	1060-1165DCT	8C (ESB)	FIX	Recond	0	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	148.9	22.4	134.0	111.1	239	1060-1165DCT	9C (ESB)	FIX	Recond	0	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	148.8	22.4	134.0	111.1	239	1060-1165DCT	14C (ESB)	FIX	Recond	700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	148.9	22.4	134.0	111.1	235	1060-1165DCT	19C (ESB)	FIX	Recond	-700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	148.8	22.4	134.0	111.1	235	1060-1165DCT	21C (ESB)	FIX	Recond	-700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	148.8	22.4	134.0	111.1	239	1060-1165DCT	25C (ESB)	FIX	Recond	-700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	148.8	22.4	134.0	111.0	235	1060-1165DCT	4C (ESB)	FIX	Recond	0	ON

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)



Sorted by branch and then by loading

From bus	To bus	CKT	Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	148.7	22.4	134.0	110.9	239	1060-1165DCT	24C (ESB)	FIX	Recond	-700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	148.5	22.4	134.0	110.8	235	1060-1165DCT	20C (ESB)	FIX	Recond	-700	ON
73295 BESECK	345 73663 E.SHORE	345 1	LN	1824.8	1824.8	1488.0	122.6		** Base Case **	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1777.9	1777.9	1488.0	119.5		** Base Case **	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1719.7	1719.7	1488.0	115.6		** Base Case **	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1670.9	1670.9	1488.0	112.3		** Base Case **	9C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1592.3	1592.3	1488.0	107.0		** Base Case **	22C (ESB)	FIX	Recond	-700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1573.7	1573.7	1488.0	105.8		** Base Case **	10C (ESB)	FIX	Recond	700	ON
73295 BESECK	345 73663 E.SHORE	345 1	LN	1543.8	1543.8	1488.0	103.8		** Base Case **	25C (ESB)	FIX	Recond	-700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1526.2	1526.2	1488.0	102.6		** Base Case **	13C (ESB)	FIX	Recond	700	ON
73295 BESECK	345 73663 E.SHORE	345 1	LN	1940.7	1824.8	1912.0	101.5	252	1261-1620DCT	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1930.6	1824.8	1912.0	101.0	483	1466-362EDCT	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1944.0	1824.8	1912.0	101.7	301	1565-PLNRDCT	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2144.5	1824.8	1912.0	112.2	302	1618-321DCT	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2109.9	1719.7	1912.0	110.4	302	1618-321DCT	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2068.9	1592.3	1912.0	108.2	302	1618-321DCT	22C (ESB)	FIX	Recond	-700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1984.0	1777.9	1912.0	103.8	302	1618-321DCT	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1947.6	1670.9	1912.0	101.9	302	1618-321DCT	9C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2092.4	1824.8	1912.0	109.4	304	1770-321DCT	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2056.6	1719.7	1912.0	107.6	304	1770-321DCT	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2015.4	1592.3	1912.0	105.4	304	1770-321DCT	22C (ESB)	FIX	Recond	-700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1931.8	1777.9	1912.0	101.0	304	1770-321DCT	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2125.6	1824.8	1912.0	111.2	306	1887-321DCT	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2089.9	1719.7	1912.0	109.3	306	1887-321DCT	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2048.9	1592.3	1912.0	107.2	306	1887-321DCT	22C (ESB)	FIX	Recond	-700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1965.1	1777.9	1912.0	102.8	306	1887-321DCT	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1928.7	1670.9	1912.0	100.9	306	1887-321DCT	9C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1966.7	1824.8	1912.0	102.9	203	312+393LNS	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1944.1	1777.9	1912.0	101.7	203	312+393LNS	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1966.7	1824.8	1912.0	102.9	204	312+393REAC	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1944.2	1777.9	1912.0	101.7	204	312+393REAC	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1966.7	1824.8	1912.0	102.9	202	312LINE	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1944.1	1777.9	1912.0	101.7	202	312LINE	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2059.0	1824.8	1912.0	107.7	205	318LINE	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2022.8	1777.9	1912.0	105.8	205	318LINE	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1938.9	1719.7	1912.0	101.4	205	318LINE	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2116.4	1824.8	1912.0	110.7	206	321LINE	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2079.2	1719.7	1912.0	108.7	206	321LINE	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2036.5	1592.3	1912.0	106.5	206	321LINE	22C (ESB)	FIX	Recond	-700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1963.8	1777.9	1912.0	102.7	206	321LINE	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1925.8	1670.9	1912.0	100.7	206	321LINE	9C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2172.0	1824.8	1912.0	113.6	310	329-352DCT	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2158.6	1777.9	1912.0	112.9	310	329-352DCT	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1991.6	1719.7	1912.0	104.2	310	329-352DCT	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1974.7	1670.9	1912.0	103.3	310	329-352DCT	9C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2205.6	1824.8	1912.0	115.4	207	329LINE	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2183.1	1777.9	1912.0	114.2	207	329LINE	17C (ESB)	FIX	Recond	700	OFF

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT	Typ	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73295 BESECK	345 73663 E.SHORE	345 1	LN	2041.4	1719.7	1912.0	106.8	207	329LINE	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2016.6	1670.9	1912.0	105.5	207	329LINE	9C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1922.7	1573.7	1912.0	100.6	203	329LINE	10C (ESB)	FIX	Recond	700	ON
73295 BESECK	345 73663 E.SHORE	345 1	LN	1940.9	1824.8	1912.0	101.5	215	348N+AUTO	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1923.7	1824.8	1912.0	100.6	214	348NLINE	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2171.9	1824.8	1912.0	113.6	217	352+AUTO	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2158.5	1777.9	1912.0	112.9	217	352+AUTO	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1990.0	1719.7	1912.0	104.1	217	352+AUTO	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1974.6	1670.9	1912.0	103.3	217	352+AUTO	9C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2006.8	1824.8	1912.0	105.0	216	352LINE	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1993.1	1777.9	1912.0	104.2	216	352LINE	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1920.7	1824.8	1912.0	100.5	480	362ELINE	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1950.8	1824.8	1912.0	102.0	230	393LINE	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1927.3	1777.9	1912.0	100.8	230	393LINE	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1940.7	1824.8	1912.0	101.5	333	BOKUM1T	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1940.7	1824.8	1912.0	101.5	382	HADDAMBT	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2115.3	1824.8	1912.0	110.6	453	LONGMT5TSTK	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2027.5	1719.7	1912.0	106.0	453	LONGMT5TSTK	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2005.6	1777.9	1912.0	104.9	453	LONGMT5TSTK	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1922.0	1592.3	1912.0	100.5	453	LONGMT5TSTK	22C (ESB)	FIX	Recond	-700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1917.3	1670.9	1912.0	100.3	453	LONGMT5TSTK	9C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1965.3	1824.8	1912.0	102.8	458	NMSTBKREAC	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1941.5	1777.9	1912.0	101.5	458	NMSTBKREAC	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1965.3	1824.8	1912.0	102.8	457	NOMNTSTBKR	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1941.5	1777.9	1912.0	101.5	457	NOMNTSTBKR	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1923.5	1824.8	1912.0	100.6	460	SCOVKR8TSTK	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1958.2	1824.8	1912.0	102.4	461	SGTN1TSTK	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1914.7	1777.9	1912.0	100.1	461	SGTN1TSTK	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2072.9	1824.8	1912.0	108.4	462	SGTN3TSTK	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2036.8	1777.9	1912.0	106.5	462	SGTN3TSTK	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1952.4	1719.7	1912.0	102.1	462	SGTN3TSTK	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1913.2	1670.9	1912.0	100.1	462	SGTN3TSTK	9C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2312.0	1824.8	1912.0	120.9	463	SGTN4TSTK	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2293.9	1777.9	1912.0	120.0	463	SGTN4TSTK	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2145.8	1719.7	1912.0	112.2	463	SGTN4TSTK	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2124.3	1670.9	1912.0	111.1	463	SGTN4TSTK	9C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2033.1	1573.7	1912.0	106.3	459	SGTN4TSTK	10C (ESB)	FIX	Recond	700	ON
73295 BESECK	345 73663 E.SHORE	345 1	LN	2012.3	1526.2	1912.0	105.2	459	SGTN4TSTK	13C (ESB)	FIX	Recond	700	ON
73295 BESECK	345 73663 E.SHORE	345 1	LN	1943.4	1592.3	1912.0	101.6	463	SGTN4TSTK	22C (ESB)	FIX	Recond	-700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1924.1	1543.8	1912.0	100.6	463	SGTN4TSTK	25C (ESB)	FIX	Recond	-700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2269.2	1824.8	1912.0	118.7	464	SGTN5TSTK	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2248.5	1777.9	1912.0	117.6	464	SGTN5TSTK	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2101.0	1719.7	1912.0	109.9	464	SGTN5TSTK	6C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	2077.7	1670.9	1912.0	108.7	464	SGTN5TSTK	9C (ESB)	FIX	Recond	0	OFF
73295 BESECK	345 73663 E.SHORE	345 1	LN	1983.7	1573.7	1912.0	103.8	460	SGTN5TSTK	10C (ESB)	FIX	Recond	700	ON
73295 BESECK	345 73663 E.SHORE	345 1	LN	1961.1	1526.2	1912.0	102.6	460	SGTN5TSTK	13C (ESB)	FIX	Recond	700	ON
73295 BESECK	345 73663 E.SHORE	345 1	LN	2007.5	1824.8	1912.0	105.0	466	SGTN7TSTK	14C (ESB)	FIX	Recond	700	OFF

List of Overloads: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

	Loading >= 130%
	110% < Loading < 130%
	105% < Loading < 110%
	100% < Loading < 105%

Sorted by branch and then by loading

From bus	To bus	CKT		Tp	Cont MVA	Base Flow	Rating	Loading %	Ncon	Contingency	Dispatch	Controls	387 Line	NE-NY	NHHS
73295 BESECK	345 73663 E.SHORE	345 1		LN	1963.4	1777.9	1912.0	102.7	466	SGTN7TSTK	17C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1		LN	1982.4	1824.8	1912.0	103.7	415	SOTHNGTN12T	14C (ESB)	FIX	Recond	700	OFF
73295 BESECK	345 73663 E.SHORE	345 1		LN	1939.7	1777.9	1912.0	101.4	415	SOTHNGTN12T	17C (ESB)	FIX	Recond	700	OFF
73305 OR-ESHR3	345 73308 ESHR3-OR	345 1		LN	919.4	380.0	794.0	115.8	468	devon-eshr2	10C (ESB)	FIX	Recond	700	ON
73305 OR-ESHR3	345 73308 ESHR3-OR	345 1		LN	894.5	375.0	794.0	112.7	472	devon-eshr2	14C (ESB)	FIX	Recond	700	OFF
73305 OR-ESHR3	345 73308 ESHR3-OR	345 1		LN	832.7	352.9	794.0	104.9	468	devon-eshr2	13C (ESB)	FIX	Recond	700	ON
73305 OR-ESHR3	345 73308 ESHR3-OR	345 1		LN	817.5	345.4	794.0	103.0	468	devon-eshr2	2C (ESB)	FIX	Recond	0	ON
73305 OR-ESHR3	345 73308 ESHR3-OR	345 1		LN	813.8	350.8	794.0	102.5	472	devon-eshr2	17C (ESB)	FIX	Recond	700	OFF
73311 DEVSING2	345 73313 SINGDEV2	345 1		LN	824.6	435.4	794.0	103.9	464	SINGDEV1	10C (ESB)	FIX	Recond	700	ON
73311 DEVSING2	345 73313 SINGDEV2	345 1		LN	809.5	435.4	794.0	101.9	466	devonstuck	10C (ESB)	FIX	Recond	700	ON
73311 DEVSING2	345 73313 SINGDEV2	345 1		LN	801.4	435.4	794.0	100.9	465	SINGERSTK	10C (ESB)	FIX	Recond	700	ON
73317 NORISING2	345 73315 SINGNOR2	345 1		LN	915.4	509.1	794.0	115.3	463	NORSING1	11C (ESB)	FIX	Recond	700	ON
73317 NORISING2	345 73315 SINGNOR2	345 1		LN	901.0	509.1	794.0	113.5	465	SINGERSTK	11C (ESB)	FIX	Recond	700	ON
73317 NORISING2	345 73315 SINGNOR2	345 1		LN	850.4	475.8	794.0	107.1	467	NORSING1	15C (ESB)	FIX	Recond	700	OFF
73317 NORISING2	345 73315 SINGNOR2	345 1		LN	837.0	475.8	794.0	105.4	469	SINGERSTK	15C (ESB)	FIX	Recond	700	OFF
73317 NORISING2	345 73315 SINGNOR2	345 1		LN	825.6	463.4	794.0	104.0	463	NORSING1	12C (ESB)	FIX	Recond	700	ON
73317 NORISING2	345 73315 SINGNOR2	345 1		LN	817.0	460.9	794.0	102.9	463	NORSING1	3C (ESB)	FIX	Recond	0	ON
73317 NORISING2	345 73315 SINGNOR2	345 1		LN	815.3	463.4	794.0	102.7	465	SINGERSTK	12C (ESB)	FIX	Recond	700	ON
73317 NORISING2	345 73315 SINGNOR2	345 1		LN	804.7	460.9	794.0	101.3	465	SINGERSTK	3C (ESB)	FIX	Recond	0	ON
73669 GRAND AV	115 73681 WEST RIV	115 1		LN	259.6	109.4	258.0	100.6	370	GRNDV2TSTK	13C (ESB)	FIX	Recond	700	ON
73669 GRAND AV	115 73681 WEST RIV	115 1		LN	258.9	107.6	258.0	100.3	370	GRNDV2TSTK	5C (ESB)	FIX	Recond	0	ON
73669 GRAND AV	115 73681 WEST RIV	115 1		LN	258.1	105.6	258.0	100.0	370	GRNDV2TSTK	21C (ESB)	FIX	Recond	-700	ON
73669 GRAND AV	115 73681 WEST RIV	115 2		LN	259.6	109.4	258.0	100.6	370	GRNDV2TSTK	13C (ESB)	FIX	Recond	700	ON
73669 GRAND AV	115 73681 WEST RIV	115 2		LN	258.9	107.6	258.0	100.3	370	GRNDV2TSTK	5C (ESB)	FIX	Recond	0	ON
73669 GRAND AV	115 73681 WEST RIV	115 2		LN	258.1	105.6	258.0	100.0	370	GRNDV2TSTK	21C (ESB)	FIX	Recond	-700	ON
73701 CRRJ JCT	115 73703 ASHCREEK	115 1		LN	439.8	279.8	439.0	100.2	253	1389-1880DCT	3C (ESB)	FIX	Recond	0	ON
73701 CRRJ JCT	115 73703 ASHCREEK	115 1		LN	439.9	282.1	439.0	100.2	253	1389-1880DCT	11C (ESB)	FIX	Recond	700	ON
73701 CRRJ JCT	115 73703 ASHCREEK	115 1		LN	440.0	277.2	439.0	100.2	253	1389-1880DCT	19C (ESB)	FIX	Recond	-700	ON
75053 NRTHPT P	138 75051 NRTHPT1	138 1		TR	466.4	202.3	450.0	103.6	453	LONGMT5TSTK	25C (ESB)	FIX	Recond	-700	OFF

Appendix F

Summary of Voltage Violations

- Keys to Tables
- Table: List of Voltage Violations

SWCT Generation Dispatch ID	Case or "Dispatch" Identifier, ESB Series Cases					
	NE – NY 0 MW		NE – NY 700 MW		NY – NE 700 MW	
	NHHS On-line	NHHS Off-Line	NHHS On-line	NHHS Off-Line	NHHS On-line	NHHS Off-Line
2	2C	6C	10C	14C	18C	22C
3	3C	7C	11C	15C	19C	23C
4	4C	8C	12C	16C	20C	24C
5	5C	9C	13C	17C	21C	25C

NHHS is the 447 MW New Haven Harbor Station

Several columns the “**List of Voltage Violations**” table warrant explanation:

Contingency Volt	The per-unit value of the bus voltage after the contingency.
Base Volt	The per-unit value of the bus voltage in the base case.
Low Limit	The per-unit value of the low voltage criteria.
Upp Limit	The per-unit value of the high voltage criteria.
Volt Drop	The per-unit criteria for a violation of voltage drop. Not used for this study.
Volt Rise	The per-unit criteria for a violation of voltage rise. Not used for this study.
Viol Type	L = Contingency Volt is < low voltage limit (value in “ Low Limit ”) D = Contingency Volt is < voltage drop limit (value in “ Volt Drop ”) H = Contingency Volt is > high voltage limit (value in “ Low Limit ”) R = Contingency Volt is > voltage rise limit (value in “ Volt Rise ”) Since voltage rise and voltage drop are not used as criteria in this study, the only possible values are “L” and “H”.
Dispatch	The ID used to identify the generation dispatch, as explained in the report.

Voltage Violations, Worst & Total: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Lo Violation > 3%
1% < Lo Violation < 3%
0.5% < Lo Violation < 1%
Lo Violation < 0.5%

Assumes Beseck-Eshore+Beseck-Meriden not tripped
 Sorted by bus, then low violation, then high violation

Bus #	Bus Name	KV	Area	Zone	# Viols	Worst Lo Vio	Ncon Lo	Cont Name Worst Lo	Worst Hi Vio	Ncon Hi	Cont Name Worst Hi	Dispatch	Controls	387 Line	NE-NY	NHHS
73160	BALDWINB	115.0	701	171	2	0.040	253	1272-1721DCT	-	-		9C (ESB)	FIX	Recond	0	OFF
73160	BALDWINB	115.0	701	171	3	0.040	253	1272-1721DCT	-	-		17C (ESB)	FIX	Recond	700	OFF
73160	BALDWINB	115.0	701	171	2	0.039	253	1272-1721DCT	-	-		25C (ESB)	FIX	Recond	-700	OFF
73160	BALDWINB	115.0	701	171	2	0.035	249	1272-1721DCT	-	-		5C (ESB)	FIX	Recond	0	ON
73160	BALDWINB	115.0	701	171	2	0.035	249	1272-1721DCT	-	-		13C (ESB)	FIX	Recond	700	ON
73160	BALDWINB	115.0	701	171	2	0.034	249	1272-1721DCT	-	-		21C (ESB)	FIX	Recond	-700	ON
73160	BALDWINB	115.0	701	171	1	0.028	253	1272-1721DCT	-	-		14C (ESB)	FIX	Recond	700	OFF
73160	BALDWINB	115.0	701	171	1	0.028	253	1272-1721DCT	-	-		22C (ESB)	FIX	Recond	-700	OFF
73160	BALDWINB	115.0	701	171	1	0.027	253	1272-1721DCT	-	-		6C (ESB)	FIX	Recond	0	OFF
73160	BALDWINB	115.0	701	171	1	0.022	249	1272-1721DCT	-	-		2C (ESB)	FIX	Recond	0	ON
73160	BALDWINB	115.0	701	171	1	0.022	249	1272-1721DCT	-	-		10C (ESB)	FIX	Recond	700	ON
73160	BALDWINB	115.0	701	171	1	0.022	249	1272-1721DCT	-	-		18C (ESB)	FIX	Recond	-700	ON
73160	BALDWINB	115.0	701	171	1	0.016	253	1272-1721DCT	-	-		7C (ESB)	FIX	Recond	0	OFF
73160	BALDWINB	115.0	701	171	1	0.016	253	1272-1721DCT	-	-		8C (ESB)	FIX	Recond	0	OFF
73160	BALDWINB	115.0	701	171	1	0.016	249	1272-1721DCT	-	-		12C (ESB)	FIX	Recond	700	ON
73160	BALDWINB	115.0	701	171	1	0.016	253	1272-1721DCT	-	-		15C (ESB)	FIX	Recond	700	OFF
73160	BALDWINB	115.0	701	171	1	0.016	253	1272-1721DCT	-	-		16C (ESB)	FIX	Recond	700	OFF
73160	BALDWINB	115.0	701	171	1	0.015	249	1272-1721DCT	-	-		3C (ESB)	FIX	Recond	0	ON
73160	BALDWINB	115.0	701	171	1	0.015	249	1272-1721DCT	-	-		4C (ESB)	FIX	Recond	0	ON
73160	BALDWINB	115.0	701	171	1	0.015	249	1272-1721DCT	-	-		11C (ESB)	FIX	Recond	700	ON
73160	BALDWINB	115.0	701	171	1	0.015	249	1272-1721DCT	-	-		19C (ESB)	FIX	Recond	-700	ON
73160	BALDWINB	115.0	701	171	1	0.015	249	1272-1721DCT	-	-		20C (ESB)	FIX	Recond	-700	ON
73160	BALDWINB	115.0	701	171	1	0.015	253	1272-1721DCT	-	-		23C (ESB)	FIX	Recond	-700	OFF
73160	BALDWINB	115.0	701	171	1	0.015	253	1272-1721DCT	-	-		24C (ESB)	FIX	Recond	-700	OFF
73188	BCNFL PF	115.0	701	171	1	0.011	253	1272-1721DCT	-	-		17C (ESB)	FIX	Recond	700	OFF
73188	BCNFL PF	115.0	701	171	1	0.010	253	1272-1721DCT	-	-		9C (ESB)	FIX	Recond	0	OFF
73188	BCNFL PF	115.0	701	171	1	0.009	253	1272-1721DCT	-	-		25C (ESB)	FIX	Recond	-700	OFF
73188	BCNFL PF	115.0	701	171	1	0.006	249	1272-1721DCT	-	-		13C (ESB)	FIX	Recond	700	ON
73188	BCNFL PF	115.0	701	171	1	0.005	249	1272-1721DCT	-	-		5C (ESB)	FIX	Recond	0	ON
73188	BCNFL PF	115.0	701	171	1	0.005	249	1272-1721DCT	-	-		21C (ESB)	FIX	Recond	-700	ON
73153	BRANFORD	115.0	701	171	1	-	-		0.004	334	BRANFORD4T	4C (ESB)	FIX	Recond	0	ON
73153	BRANFORD	115.0	701	171	1	-	-		0.004	334	BRANFORD4T	20C (ESB)	FIX	Recond	-700	ON
73153	BRANFORD	115.0	701	171	1	-	-		0.003	334	BRANFORD4T	3C (ESB)	FIX	Recond	0	ON
73153	BRANFORD	115.0	701	171	1	-	-		0.003	334	BRANFORD4T	12C (ESB)	FIX	Recond	700	ON
73153	BRANFORD	115.0	701	171	1	-	-		0.003	334	BRANFORD4T	19C (ESB)	FIX	Recond	-700	ON
73153	BRANFORD	115.0	701	171	1	-	-		0.003	338	BRANFORD4T	8C (ESB)	FIX	Recond	0	OFF
73153	BRANFORD	115.0	701	171	1	-	-		0.003	338	BRANFORD4T	24C (ESB)	FIX	Recond	-700	OFF
73153	BRANFORD	115.0	701	171	1	-	-		0.002	334	BRANFORD4T	11C (ESB)	FIX	Recond	700	ON
73153	BRANFORD	115.0	701	171	1	-	-		0.002	338	BRANFORD4T	16C (ESB)	FIX	Recond	700	OFF
73153	BRANFORD	115.0	701	171	1	-	-		0.002	338	BRANFORD4T	23C (ESB)	FIX	Recond	-700	OFF
73153	BRANFORD	115.0	701	171	1	-	-		0.001	338	BRANFORD4T	7C (ESB)	FIX	Recond	0	OFF
73153	BRANFORD	115.0	701	171	1	-	-		0.001	338	BRANFORD4T	15C (ESB)	FIX	Recond	700	OFF
73185	BUNKER H	115.0	701	171	2	0.040	253	1272-1721DCT	-	-		17C (ESB)	FIX	Recond	700	OFF
73185	BUNKER H	115.0	701	171	2	0.039	253	1272-1721DCT	-	-		9C (ESB)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	2	0.039	253	1272-1721DCT	-	-		25C (ESB)	FIX	Recond	-700	OFF

Voltage Violations, Worst & Total: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Lo Violation > 3%
1% < Lo Violation < 3%
0.5% < Lo Violation < 1%
Lo Violation < 0.5%

Assumes Beseck-Eshore+Beseck-Meriden not tripped
 Sorted by bus, then low violation, then high violation

Bus #	Bus Name	KV	Area	Zone	# Viols	Worst Lo Vio	Ncon Lo	Cont Name Worst Lo	Worst Hi Vio	Ncon Hi	Cont Name Worst Hi	Dispatch	Controls	387 Line	NE-NY	NHHS
73185	BUNKER H	115.0	701	171	2	0.035	249	1272-1721DCT	-	-		13C (ESB)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	2	0.034	249	1272-1721DCT	-	-		5C (ESB)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	2	0.034	249	1272-1721DCT	-	-		21C (ESB)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	1	0.027	253	1272-1721DCT	-	-		6C (ESB)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	1	0.027	253	1272-1721DCT	-	-		14C (ESB)	FIX	Recond	700	OFF
73185	BUNKER H	115.0	701	171	1	0.027	253	1272-1721DCT	-	-		22C (ESB)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	1	0.022	249	1272-1721DCT	-	-		2C (ESB)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	1	0.022	249	1272-1721DCT	-	-		10C (ESB)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	1	0.021	249	1272-1721DCT	-	-		18C (ESB)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	1	0.016	253	1272-1721DCT	-	-		8C (ESB)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	1	0.016	249	1272-1721DCT	-	-		12C (ESB)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	1	0.016	253	1272-1721DCT	-	-		15C (ESB)	FIX	Recond	700	OFF
73185	BUNKER H	115.0	701	171	1	0.016	253	1272-1721DCT	-	-		16C (ESB)	FIX	Recond	700	OFF
73185	BUNKER H	115.0	701	171	1	0.015	249	1272-1721DCT	-	-		3C (ESB)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	1	0.015	249	1272-1721DCT	-	-		4C (ESB)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	1	0.015	253	1272-1721DCT	-	-		7C (ESB)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	1	0.015	249	1272-1721DCT	-	-		11C (ESB)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	1	0.015	249	1272-1721DCT	-	-		19C (ESB)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	1	0.015	249	1272-1721DCT	-	-		20C (ESB)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	1	0.015	253	1272-1721DCT	-	-		23C (ESB)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	1	0.015	253	1272-1721DCT	-	-		24C (ESB)	FIX	Recond	-700	OFF
73297	DEVON	345.0	701	171	1	0.008	482	ESHrstuck_new	-	-		17C (ESB)	FIX	Recond	700	OFF
73663	E. SHORE	345.0	701	185	1	0.013	482	ESHrstuck_new	-	-		17C (ESB)	FIX	Recond	700	OFF
73682	ELMWST A	115.0	701	185	4	0.026	379	GRNDV7TSTK	-	-		17C (ESB)	FIX	Recond	700	OFF
73682	ELMWST A	115.0	701	185	3	0.024	379	GRNDV7TSTK	-	-		9C (ESB)	FIX	Recond	0	OFF
73682	ELMWST A	115.0	701	185	3	0.021	379	GRNDV7TSTK	-	-		25C (ESB)	FIX	Recond	-700	OFF
73682	ELMWST A	115.0	701	185	3	0.016	379	GRNDV7TSTK	-	-		14C (ESB)	FIX	Recond	700	OFF
73682	ELMWST A	115.0	701	185	3	0.014	379	GRNDV7TSTK	-	-		6C (ESB)	FIX	Recond	0	OFF
73682	ELMWST A	115.0	701	185	3	0.013	379	GRNDV7TSTK	-	-		22C (ESB)	FIX	Recond	-700	OFF
73682	ELMWST A	115.0	701	185	2	0.004	375	GRNDV7TSTK	-	-		5C (ESB)	FIX	Recond	0	ON
73682	ELMWST A	115.0	701	185	2	0.004	375	GRNDV7TSTK	-	-		13C (ESB)	FIX	Recond	700	ON
73682	ELMWST A	115.0	701	185	2	0.003	375	GRNDV7TSTK	-	-		21C (ESB)	FIX	Recond	-700	ON
73683	ELMWST B	115.0	701	185	4	0.028	376	GRNDV4TSTK	-	-		17C (ESB)	FIX	Recond	700	OFF
73683	ELMWST B	115.0	701	185	3	0.026	376	GRNDV4TSTK	-	-		9C (ESB)	FIX	Recond	0	OFF
73683	ELMWST B	115.0	701	185	3	0.023	376	GRNDV4TSTK	-	-		25C (ESB)	FIX	Recond	-700	OFF
73683	ELMWST B	115.0	701	185	3	0.018	376	GRNDV4TSTK	-	-		14C (ESB)	FIX	Recond	700	OFF
73683	ELMWST B	115.0	701	185	3	0.016	376	GRNDV4TSTK	-	-		6C (ESB)	FIX	Recond	0	OFF
73683	ELMWST B	115.0	701	185	3	0.015	376	GRNDV4TSTK	-	-		22C (ESB)	FIX	Recond	-700	OFF
73683	ELMWST B	115.0	701	185	3	0.006	372	GRNDV4TSTK	-	-		5C (ESB)	FIX	Recond	0	ON
73683	ELMWST B	115.0	701	185	3	0.006	372	GRNDV4TSTK	-	-		13C (ESB)	FIX	Recond	700	ON
73683	ELMWST B	115.0	701	185	3	0.005	372	GRNDV4TSTK	-	-		21C (ESB)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	1	0.042	253	1272-1721DCT	-	-		17C (ESB)	FIX	Recond	700	OFF
73189	FREIGHT	115.0	701	171	1	0.041	253	1272-1721DCT	-	-		9C (ESB)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	1	0.040	253	1272-1721DCT	-	-		25C (ESB)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	1	0.037	249	1272-1721DCT	-	-		13C (ESB)	FIX	Recond	700	ON

Voltage Violations, Worst & Total: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

Lo Violation > 3%
1% < Lo Violation < 3%
0.5% < Lo Violation < 1%
Lo Violation < 0.5%

Assumes Beseck-Eshore+Beseck-Meriden not tripped
 Sorted by bus, then low violation, then high violation

Bus #	Bus Name	KV	Area	Zone	# Viols	Worst Lo Vio	Ncon Lo	Cont Name Worst Lo	Worst Hi Vio	Ncon Hi	Cont Name Worst Hi	Dispatch	Controls	387 Line	NE-NY	NHHS
73189	FREIGHT	115.0	701	171	1	0.036	249	1272-1721DCT	-	-		5C (ESB)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	1	0.035	249	1272-1721DCT	-	-		21C (ESB)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	1	0.029	253	1272-1721DCT	-	-		14C (ESB)	FIX	Recond	700	OFF
73189	FREIGHT	115.0	701	171	1	0.029	253	1272-1721DCT	-	-		22C (ESB)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	1	0.028	253	1272-1721DCT	-	-		6C (ESB)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	1	0.024	249	1272-1721DCT	-	-		2C (ESB)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	1	0.024	249	1272-1721DCT	-	-		10C (ESB)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	1	0.023	249	1272-1721DCT	-	-		18C (ESB)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	1	0.018	253	1272-1721DCT	-	-		16C (ESB)	FIX	Recond	700	OFF
73189	FREIGHT	115.0	701	171	1	0.017	249	1272-1721DCT	-	-		4C (ESB)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	1	0.017	253	1272-1721DCT	-	-		7C (ESB)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	1	0.017	253	1272-1721DCT	-	-		8C (ESB)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	1	0.017	249	1272-1721DCT	-	-		11C (ESB)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	1	0.017	249	1272-1721DCT	-	-		12C (ESB)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	1	0.017	253	1272-1721DCT	-	-		15C (ESB)	FIX	Recond	700	OFF
73189	FREIGHT	115.0	701	171	1	0.017	253	1272-1721DCT	-	-		23C (ESB)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	1	0.017	253	1272-1721DCT	-	-		24C (ESB)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	1	0.016	249	1272-1721DCT	-	-		3C (ESB)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	1	0.016	249	1272-1721DCT	-	-		19C (ESB)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	1	0.016	249	1272-1721DCT	-	-		20C (ESB)	FIX	Recond	-700	ON
73196	GLEN JCT	115.0	701	171	1	0.012	482	ESHrstuck_new	-	-		17C (ESB)	FIX	Recond	700	OFF
73265	GREEN HL	115.0	701	171	1	0.010	482	ESHrstuck_new	-	-		17C (ESB)	FIX	Recond	700	OFF
73705	IND. WELL	115.0	701	185	1	0.001	482	ESHrstuck_new	-	-		17C (ESB)	FIX	Recond	700	OFF
73707	JUNE ST	115.0	701	185	1	0.009	482	ESHrstuck_new	-	-		17C (ESB)	FIX	Recond	700	OFF
73675	MIX AVE	115.0	701	185	1	0.016	482	ESHrstuck_new	-	-		17C (ESB)	FIX	Recond	700	OFF
73671	NO. HAVEN	115.0	701	185	1	-	-		0.004	385	NOHAVN2TSTK	4C (ESB)	FIX	Recond	0	ON
73671	NO. HAVEN	115.0	701	185	1	-	-		0.004	385	NOHAVN2TSTK	20C (ESB)	FIX	Recond	-700	ON
73671	NO. HAVEN	115.0	701	185	1	-	-		0.003	385	NOHAVN2TSTK	12C (ESB)	FIX	Recond	700	ON
73671	NO. HAVEN	115.0	701	185	1	-	-		0.002	389	NOHAVN2TSTK	24C (ESB)	FIX	Recond	-700	OFF
73671	NO. HAVEN	115.0	701	185	1	-	-		0.001	385	NOHAVN2TSTK	19C (ESB)	FIX	Recond	-700	ON
73671	NO. HAVEN	115.0	701	185	1	-	-		0.001	389	NOHAVN2TSTK	8C (ESB)	FIX	Recond	0	OFF
73671	NO. HAVEN	115.0	701	185	1	-	-		0.001	389	NOHAVN2TSTK	16C (ESB)	FIX	Recond	700	OFF
73671	NO. HAVEN	115.0	701	185	1	-	-		0.000	385	NOHAVN2TSTK	3C (ESB)	FIX	Recond	0	ON
73671	NO. HAVEN	115.0	701	185	1	-	-		0.000	385	NOHAVN2TSTK	11C (ESB)	FIX	Recond	700	ON
73293	NORWALK	345.0	701	171	1	0.003	482	ESHrstuck_new	-	-		17C (ESB)	FIX	Recond	700	OFF
73115	PLUMTREE	345.0	701	171	1	0.007	482	ESHrstuck_new	-	-		17C (ESB)	FIX	Recond	700	OFF
73301	SINGER	345.0	701	186	1	0.006	482	ESHrstuck_new	-	-		17C (ESB)	FIX	Recond	700	OFF
73673	SACKPHS	115.0	701	185	1	0.014	482	ESHrstuck_new	-	-		17C (ESB)	FIX	Recond	700	OFF
73199	SO.NAUG	115.0	701	171	2	0.010	253	1272-1721DCT	-	-		17C (ESB)	FIX	Recond	700	OFF
73199	SO.NAUG	115.0	701	171	1	0.009	253	1272-1721DCT	-	-		9C (ESB)	FIX	Recond	0	OFF
73199	SO.NAUG	115.0	701	171	1	0.009	253	1272-1721DCT	-	-		25C (ESB)	FIX	Recond	-700	OFF
73199	SO.NAUG	115.0	701	171	1	0.005	249	1272-1721DCT	-	-		5C (ESB)	FIX	Recond	0	ON
73199	SO.NAUG	115.0	701	171	1	0.005	249	1272-1721DCT	-	-		13C (ESB)	FIX	Recond	700	ON
73199	SO.NAUG	115.0	701	171	1	0.004	249	1272-1721DCT	-	-		21C (ESB)	FIX	Recond	-700	ON

List of Voltage Violations: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

H = High
L = Low
D = Drop
R = Rise

Sorted by bus name, then contingency voltage

Bus #	Bus Name	KV	Area	Zone	Cont Volt	Base Volt	Low Limit	Upp Limit	Volt Drop	Volt Rise	Viol	Ncon	Contin. Description	Dispatch	Controls	387 Line	NE-NY	NHHS
73160	BALDWIN	115.0	701	171	0.8595	1.0017	0.9000	1.0500	-	-	L	253	1272-1721DCT	17C (ESB)	FIX	Recond	700	OFF
73160	BALDWIN	115.0	701	171	0.8602	1.0031	0.9000	1.0500	-	-	L	253	1272-1721DCT	9C (ESB)	FIX	Recond	0	OFF
73160	BALDWIN	115.0	701	171	0.8610	1.0042	0.9000	1.0500	-	-	L	253	1272-1721DCT	25C (ESB)	FIX	Recond	-700	OFF
73160	BALDWIN	115.0	701	171	0.8647	1.0038	0.9000	1.0500	-	-	L	249	1272-1721DCT	13C (ESB)	FIX	Recond	700	ON
73160	BALDWIN	115.0	701	171	0.8654	1.0051	0.9000	1.0500	-	-	L	249	1272-1721DCT	5C (ESB)	FIX	Recond	0	ON
73160	BALDWIN	115.0	701	171	0.8659	1.0063	0.9000	1.0500	-	-	L	249	1272-1721DCT	21C (ESB)	FIX	Recond	-700	ON
73160	BALDWIN	115.0	701	171	0.8723	1.0066	0.9000	1.0500	-	-	L	253	1272-1721DCT	22C (ESB)	FIX	Recond	-700	OFF
73160	BALDWIN	115.0	701	171	0.8725	1.0086	0.9000	1.0500	-	-	L	253	1272-1721DCT	14C (ESB)	FIX	Recond	700	OFF
73160	BALDWIN	115.0	701	171	0.8729	1.0092	0.9000	1.0500	-	-	L	253	1272-1721DCT	6C (ESB)	FIX	Recond	0	OFF
73160	BALDWIN	115.0	701	171	0.8776	1.0068	0.9000	1.0500	-	-	L	249	1272-1721DCT	10C (ESB)	FIX	Recond	700	ON
73160	BALDWIN	115.0	701	171	0.8777	1.0064	0.9000	1.0500	-	-	L	249	1272-1721DCT	2C (ESB)	FIX	Recond	0	ON
73160	BALDWIN	115.0	701	171	0.8785	1.0083	0.9000	1.0500	-	-	L	249	1272-1721DCT	18C (ESB)	FIX	Recond	-700	ON
73160	BALDWIN	115.0	701	171	0.8838	1.0057	0.9000	1.0500	-	-	L	253	1272-1721DCT	16C (ESB)	FIX	Recond	700	OFF
73160	BALDWIN	115.0	701	171	0.8841	1.0061	0.9000	1.0500	-	-	L	249	1272-1721DCT	12C (ESB)	FIX	Recond	700	ON
73160	BALDWIN	115.0	701	171	0.8841	1.0086	0.9000	1.0500	-	-	L	253	1272-1721DCT	15C (ESB)	FIX	Recond	700	OFF
73160	BALDWIN	115.0	701	171	0.8842	1.0069	0.9000	1.0500	-	-	L	253	1272-1721DCT	8C (ESB)	FIX	Recond	0	OFF
73160	BALDWIN	115.0	701	171	0.8844	1.0095	0.9000	1.0500	-	-	L	253	1272-1721DCT	7C (ESB)	FIX	Recond	0	OFF
73160	BALDWIN	115.0	701	171	0.8846	1.0072	0.9000	1.0500	-	-	L	249	1272-1721DCT	4C (ESB)	FIX	Recond	0	ON
73160	BALDWIN	115.0	701	171	0.8846	1.0102	0.9000	1.0500	-	-	L	253	1272-1721DCT	23C (ESB)	FIX	Recond	-700	OFF
73160	BALDWIN	115.0	701	171	0.8848	1.0095	0.9000	1.0500	-	-	L	249	1272-1721DCT	11C (ESB)	FIX	Recond	700	ON
73160	BALDWIN	115.0	701	171	0.8848	1.0082	0.9000	1.0500	-	-	L	253	1272-1721DCT	24C (ESB)	FIX	Recond	-700	OFF
73160	BALDWIN	115.0	701	171	0.8851	1.0104	0.9000	1.0500	-	-	L	249	1272-1721DCT	3C (ESB)	FIX	Recond	0	ON
73160	BALDWIN	115.0	701	171	0.8853	1.0110	0.9000	1.0500	-	-	L	249	1272-1721DCT	19C (ESB)	FIX	Recond	-700	ON
73160	BALDWIN	115.0	701	171	0.8853	1.0084	0.9000	1.0500	-	-	L	249	1272-1721DCT	20C (ESB)	FIX	Recond	-700	ON
73160	BALDWIN	115.0	701	171	0.8913	1.0017	0.9000	1.0500	-	-	L	342	BUNKERH2T	17C (ESB)	FIX	Recond	700	OFF
73160	BALDWIN	115.0	701	171	0.8920	1.0031	0.9000	1.0500	-	-	L	342	BUNKERH2T	9C (ESB)	FIX	Recond	0	OFF
73160	BALDWIN	115.0	701	171	0.8927	1.0042	0.9000	1.0500	-	-	L	342	BUNKERH2T	25C (ESB)	FIX	Recond	-700	OFF
73160	BALDWIN	115.0	701	171	0.8958	1.0038	0.9000	1.0500	-	-	L	338	BUNKERH2T	13C (ESB)	FIX	Recond	700	ON
73160	BALDWIN	115.0	701	171	0.8966	1.0051	0.9000	1.0500	-	-	L	338	BUNKERH2T	5C (ESB)	FIX	Recond	0	ON
73160	BALDWIN	115.0	701	171	0.8971	1.0063	0.9000	1.0500	-	-	L	338	BUNKERH2T	21C (ESB)	FIX	Recond	-700	ON
73188	BCNFL PF	115.0	701	171	0.8892	0.9923	0.9000	1.0500	-	-	L	253	1272-1721DCT	17C (ESB)	FIX	Recond	700	OFF
73188	BCNFL PF	115.0	701	171	0.8899	0.9935	0.9000	1.0500	-	-	L	253	1272-1721DCT	9C (ESB)	FIX	Recond	0	OFF
73188	BCNFL PF	115.0	701	171	0.8907	0.9945	0.9000	1.0500	-	-	L	253	1272-1721DCT	25C (ESB)	FIX	Recond	-700	OFF
73188	BCNFL PF	115.0	701	171	0.8942	0.9948	0.9000	1.0500	-	-	L	249	1272-1721DCT	13C (ESB)	FIX	Recond	700	ON
73188	BCNFL PF	115.0	701	171	0.8949	0.9959	0.9000	1.0500	-	-	L	249	1272-1721DCT	5C (ESB)	FIX	Recond	0	ON
73188	BCNFL PF	115.0	701	171	0.8954	0.9969	0.9000	1.0500	-	-	L	249	1272-1721DCT	21C (ESB)	FIX	Recond	-700	ON
73188	BCNFL PF	115.0	701	171	0.8976	0.9923	0.9000	1.0500	-	-	L	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73153	BRANFORD	115.0	701	171	1.0507	1.0285	0.9000	1.0500	-	-	H	338	BRANFORD4T	15C (ESB)	FIX	Recond	700	OFF
73153	BRANFORD	115.0	701	171	1.0512	1.0294	0.9000	1.0500	-	-	H	338	BRANFORD4T	7C (ESB)	FIX	Recond	0	OFF
73153	BRANFORD	115.0	701	171	1.0517	1.0303	0.9000	1.0500	-	-	H	338	BRANFORD4T	23C (ESB)	FIX	Recond	-700	OFF
73153	BRANFORD	115.0	701	171	1.0520	1.0313	0.9000	1.0500	-	-	H	338	BRANFORD4T	16C (ESB)	FIX	Recond	700	OFF
73153	BRANFORD	115.0	701	171	1.0525	1.0322	0.9000	1.0500	-	-	H	338	BRANFORD4T	8C (ESB)	FIX	Recond	0	OFF
73153	BRANFORD	115.0	701	171	1.0525	1.0312	0.9000	1.0500	-	-	H	334	BRANFORD4T	11C (ESB)	FIX	Recond	700	ON
73153	BRANFORD	115.0	701	171	1.0527	1.0318	0.9000	1.0500	-	-	H	334	BRANFORD4T	3C (ESB)	FIX	Recond	0	ON
73153	BRANFORD	115.0	701	171	1.0531	1.0325	0.9000	1.0500	-	-	H	334	BRANFORD4T	19C (ESB)	FIX	Recond	-700	ON
73153	BRANFORD	115.0	701	171	1.0531	1.0331	0.9000	1.0500	-	-	H	338	BRANFORD4T	24C (ESB)	FIX	Recond	-700	OFF

List of Voltage Violations: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

H = High

L = Low

D = Drop

R = Rise

Sorted by bus name, then contingency voltage

Bus #	Bus Name	KV	Area	Zone	Cont Volt	Base Volt	Low Limit	Upp Limit	Volt Drop	Volt Rise	Viol	Ncon	Contin. Description	Dispatch	Controls	387 Line	NE-NY	NHHS
73153	BRANFORD	115.0	701	171	1.0534	1.0334	0.9000	1.0500	-	-	H	334	BRANFORD4T	12C (ESB)	FIX	Recond	700	ON
73153	BRANFORD	115.0	701	171	1.0538	1.0341	0.9000	1.0500	-	-	H	334	BRANFORD4T	4C (ESB)	FIX	Recond	0	ON
73153	BRANFORD	115.0	701	171	1.0542	1.0349	0.9000	1.0500	-	-	H	334	BRANFORD4T	20C (ESB)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	0.8598	1.0118	0.9000	1.0500	-	-	L	253	1272-1721DCT	17C (ESB)	FIX	Recond	700	OFF
73185	BUNKER H	115.0	701	171	0.8605	1.0133	0.9000	1.0500	-	-	L	253	1272-1721DCT	9C (ESB)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	0.8613	1.0144	0.9000	1.0500	-	-	L	253	1272-1721DCT	25C (ESB)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	0.8650	1.0138	0.9000	1.0500	-	-	L	249	1272-1721DCT	13C (ESB)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	0.8656	1.0152	0.9000	1.0500	-	-	L	249	1272-1721DCT	5C (ESB)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	0.8662	1.0164	0.9000	1.0500	-	-	L	249	1272-1721DCT	21C (ESB)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	0.8726	1.0162	0.9000	1.0500	-	-	L	253	1272-1721DCT	22C (ESB)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	0.8728	1.0183	0.9000	1.0500	-	-	L	253	1272-1721DCT	14C (ESB)	FIX	Recond	700	OFF
73185	BUNKER H	115.0	701	171	0.8732	1.0190	0.9000	1.0500	-	-	L	253	1272-1721DCT	6C (ESB)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	0.8779	1.0162	0.9000	1.0500	-	-	L	249	1272-1721DCT	10C (ESB)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	0.8780	1.0158	0.9000	1.0500	-	-	L	249	1272-1721DCT	2C (ESB)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	0.8787	1.0178	0.9000	1.0500	-	-	L	249	1272-1721DCT	18C (ESB)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	0.8839	1.0148	0.9000	1.0500	-	-	L	253	1272-1721DCT	16C (ESB)	FIX	Recond	700	OFF
73185	BUNKER H	115.0	701	171	0.8842	1.0152	0.9000	1.0500	-	-	L	249	1272-1721DCT	12C (ESB)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	0.8843	1.0179	0.9000	1.0500	-	-	L	253	1272-1721DCT	15C (ESB)	FIX	Recond	700	OFF
73185	BUNKER H	115.0	701	171	0.8844	1.0160	0.9000	1.0500	-	-	L	253	1272-1721DCT	8C (ESB)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	0.8846	1.0189	0.9000	1.0500	-	-	L	253	1272-1721DCT	7C (ESB)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	0.8847	1.0163	0.9000	1.0500	-	-	L	249	1272-1721DCT	4C (ESB)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	0.8848	1.0197	0.9000	1.0500	-	-	L	253	1272-1721DCT	23C (ESB)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	0.8849	1.0174	0.9000	1.0500	-	-	L	253	1272-1721DCT	24C (ESB)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	0.8850	1.0189	0.9000	1.0500	-	-	L	249	1272-1721DCT	11C (ESB)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	0.8853	1.0197	0.9000	1.0500	-	-	L	249	1272-1721DCT	3C (ESB)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	0.8854	1.0176	0.9000	1.0500	-	-	L	249	1272-1721DCT	20C (ESB)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	0.8855	1.0205	0.9000	1.0500	-	-	L	249	1272-1721DCT	19C (ESB)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	0.8934	1.0118	0.9000	1.0500	-	-	L	342	BUNKERH2T	17C (ESB)	FIX	Recond	700	OFF
73185	BUNKER H	115.0	701	171	0.8941	1.0133	0.9000	1.0500	-	-	L	342	BUNKERH2T	9C (ESB)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	0.8948	1.0144	0.9000	1.0500	-	-	L	342	BUNKERH2T	25C (ESB)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	0.8978	1.0138	0.9000	1.0500	-	-	L	338	BUNKERH2T	13C (ESB)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	0.8986	1.0152	0.9000	1.0500	-	-	L	338	BUNKERH2T	5C (ESB)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	0.8991	1.0164	0.9000	1.0500	-	-	L	338	BUNKERH2T	21C (ESB)	FIX	Recond	-700	ON
73297	DEVON	345.0	701	171	0.9420	1.0141	0.9500	1.0500	-	-	L	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73663	E. SHORE	345.0	701	185	0.9371	1.0139	0.9500	1.0500	-	-	L	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73682	ELMWST A	115.0	701	185	0.8745	1.0189	0.9000	1.0500	-	-	L	379	GRNDAV7TSTK	17C (ESB)	FIX	Recond	700	OFF
73682	ELMWST A	115.0	701	185	0.8753	1.0189	0.9000	1.0500	-	-	L	442	WRIVER1TSTK	17C (ESB)	FIX	Recond	700	OFF
73682	ELMWST A	115.0	701	185	0.8760	1.0195	0.9000	1.0500	-	-	L	379	GRNDAV7TSTK	9C (ESB)	FIX	Recond	0	OFF
73682	ELMWST A	115.0	701	185	0.8769	1.0195	0.9000	1.0500	-	-	L	442	WRIVER1TSTK	9C (ESB)	FIX	Recond	0	OFF
73682	ELMWST A	115.0	701	185	0.8792	1.0205	0.9000	1.0500	-	-	L	379	GRNDAV7TSTK	25C (ESB)	FIX	Recond	-700	OFF
73682	ELMWST A	115.0	701	185	0.8795	1.0189	0.9000	1.0500	-	-	L	378	GRNDAV6TSTK	17C (ESB)	FIX	Recond	700	OFF
73682	ELMWST A	115.0	701	185	0.8801	1.0205	0.9000	1.0500	-	-	L	442	WRIVER1TSTK	25C (ESB)	FIX	Recond	-700	OFF
73682	ELMWST A	115.0	701	185	0.8813	1.0195	0.9000	1.0500	-	-	L	378	GRNDAV6TSTK	9C (ESB)	FIX	Recond	0	OFF
73682	ELMWST A	115.0	701	185	0.8839	1.0246	0.9000	1.0500	-	-	L	379	GRNDAV7TSTK	14C (ESB)	FIX	Recond	700	OFF
73682	ELMWST A	115.0	701	185	0.8844	1.0246	0.9000	1.0500	-	-	L	442	WRIVER1TSTK	14C (ESB)	FIX	Recond	700	OFF
73682	ELMWST A	115.0	701	185	0.8845	1.0205	0.9000	1.0500	-	-	L	378	GRNDAV6TSTK	25C (ESB)	FIX	Recond	-700	OFF

List of Voltage Violations: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

H = High
L = Low
D = Drop
R = Rise

Sorted by bus name, then contingency voltage

Bus #	Bus Name	KV	Area	Zone	Cont Volt	Base Volt	Low Limit	Upp Limit	Volt Drop	Volt Rise	Viol	Ncon	Contin. Description	Dispatch	Controls	387 Line	NE-NY	NHHS
73682	ELMWST A	115.0	701	185	0.8857	1.0250	0.9000	1.0500	-	-	L	379	GRNDAV7TSTK	6C (ESB)	FIX	Recond	0	OFF
73682	ELMWST A	115.0	701	185	0.8862	1.0250	0.9000	1.0500	-	-	L	442	WRIVER1TSTK	6C (ESB)	FIX	Recond	0	OFF
73682	ELMWST A	115.0	701	185	0.8871	1.0254	0.9000	1.0500	-	-	L	379	GRNDAV7TSTK	22C (ESB)	FIX	Recond	-700	OFF
73682	ELMWST A	115.0	701	185	0.8872	1.0246	0.9000	1.0500	-	-	L	378	GRNDAV6TSTK	14C (ESB)	FIX	Recond	700	OFF
73682	ELMWST A	115.0	701	185	0.8876	1.0254	0.9000	1.0500	-	-	L	442	WRIVER1TSTK	22C (ESB)	FIX	Recond	-700	OFF
73682	ELMWST A	115.0	701	185	0.8888	1.0250	0.9000	1.0500	-	-	L	378	GRNDAV6TSTK	6C (ESB)	FIX	Recond	0	OFF
73682	ELMWST A	115.0	701	185	0.8903	1.0254	0.9000	1.0500	-	-	L	378	GRNDAV6TSTK	22C (ESB)	FIX	Recond	-700	OFF
73682	ELMWST A	115.0	701	185	0.8959	1.0277	0.9000	1.0500	-	-	L	375	GRNDAV7TSTK	13C (ESB)	FIX	Recond	700	ON
73682	ELMWST A	115.0	701	185	0.8964	1.0279	0.9000	1.0500	-	-	L	375	GRNDAV7TSTK	5C (ESB)	FIX	Recond	0	ON
73682	ELMWST A	115.0	701	185	0.8969	1.0280	0.9000	1.0500	-	-	L	375	GRNDAV7TSTK	21C (ESB)	FIX	Recond	-700	ON
73682	ELMWST A	115.0	701	185	0.8975	1.0277	0.9000	1.0500	-	-	L	438	WRIVER1TSTK	13C (ESB)	FIX	Recond	700	ON
73682	ELMWST A	115.0	701	185	0.8979	1.0279	0.9000	1.0500	-	-	L	438	WRIVER1TSTK	5C (ESB)	FIX	Recond	0	ON
73682	ELMWST A	115.0	701	185	0.8983	1.0280	0.9000	1.0500	-	-	L	438	WRIVER1TSTK	21C (ESB)	FIX	Recond	-700	ON
73683	ELMWST B	115.0	701	185	0.8723	1.0189	0.9000	1.0500	-	-	L	376	GRNDAV4TSTK	17C (ESB)	FIX	Recond	700	OFF
73683	ELMWST B	115.0	701	185	0.8731	1.0189	0.9000	1.0500	-	-	L	443	WRIVER2TSTK	17C (ESB)	FIX	Recond	700	OFF
73683	ELMWST B	115.0	701	185	0.8738	1.0195	0.9000	1.0500	-	-	L	376	GRNDAV4TSTK	9C (ESB)	FIX	Recond	0	OFF
73683	ELMWST B	115.0	701	185	0.8747	1.0195	0.9000	1.0500	-	-	L	443	WRIVER2TSTK	9C (ESB)	FIX	Recond	0	OFF
73683	ELMWST B	115.0	701	185	0.8771	1.0205	0.9000	1.0500	-	-	L	376	GRNDAV4TSTK	25C (ESB)	FIX	Recond	-700	OFF
73683	ELMWST B	115.0	701	185	0.8773	1.0189	0.9000	1.0500	-	-	L	377	GRNDAV5TSTK	17C (ESB)	FIX	Recond	700	OFF
73683	ELMWST B	115.0	701	185	0.8780	1.0205	0.9000	1.0500	-	-	L	443	WRIVER2TSTK	25C (ESB)	FIX	Recond	-700	OFF
73683	ELMWST B	115.0	701	185	0.8792	1.0195	0.9000	1.0500	-	-	L	377	GRNDAV5TSTK	9C (ESB)	FIX	Recond	0	OFF
73683	ELMWST B	115.0	701	185	0.8818	1.0246	0.9000	1.0500	-	-	L	376	GRNDAV4TSTK	14C (ESB)	FIX	Recond	700	OFF
73683	ELMWST B	115.0	701	185	0.8823	1.0246	0.9000	1.0500	-	-	L	443	WRIVER2TSTK	14C (ESB)	FIX	Recond	700	OFF
73683	ELMWST B	115.0	701	185	0.8824	1.0205	0.9000	1.0500	-	-	L	377	GRNDAV5TSTK	25C (ESB)	FIX	Recond	-700	OFF
73683	ELMWST B	115.0	701	185	0.8836	1.0250	0.9000	1.0500	-	-	L	376	GRNDAV4TSTK	6C (ESB)	FIX	Recond	0	OFF
73683	ELMWST B	115.0	701	185	0.8841	1.0250	0.9000	1.0500	-	-	L	443	WRIVER2TSTK	6C (ESB)	FIX	Recond	0	OFF
73683	ELMWST B	115.0	701	185	0.8851	1.0254	0.9000	1.0500	-	-	L	376	GRNDAV4TSTK	22C (ESB)	FIX	Recond	-700	OFF
73683	ELMWST B	115.0	701	185	0.8852	1.0246	0.9000	1.0500	-	-	L	377	GRNDAV5TSTK	14C (ESB)	FIX	Recond	700	OFF
73683	ELMWST B	115.0	701	185	0.8855	1.0254	0.9000	1.0500	-	-	L	443	WRIVER2TSTK	22C (ESB)	FIX	Recond	-700	OFF
73683	ELMWST B	115.0	701	185	0.8868	1.0250	0.9000	1.0500	-	-	L	377	GRNDAV5TSTK	6C (ESB)	FIX	Recond	0	OFF
73683	ELMWST B	115.0	701	185	0.8882	1.0254	0.9000	1.0500	-	-	L	377	GRNDAV5TSTK	22C (ESB)	FIX	Recond	-700	OFF
73683	ELMWST B	115.0	701	185	0.8939	1.0277	0.9000	1.0500	-	-	L	372	GRNDAV4TSTK	13C (ESB)	FIX	Recond	700	ON
73683	ELMWST B	115.0	701	185	0.8944	1.0279	0.9000	1.0500	-	-	L	372	GRNDAV4TSTK	5C (ESB)	FIX	Recond	0	ON
73683	ELMWST B	115.0	701	185	0.8950	1.0280	0.9000	1.0500	-	-	L	372	GRNDAV4TSTK	21C (ESB)	FIX	Recond	-700	ON
73683	ELMWST B	115.0	701	185	0.8956	1.0277	0.9000	1.0500	-	-	L	439	WRIVER2TSTK	13C (ESB)	FIX	Recond	700	ON
73683	ELMWST B	115.0	701	185	0.8960	1.0279	0.9000	1.0500	-	-	L	439	WRIVER2TSTK	5C (ESB)	FIX	Recond	0	ON
73683	ELMWST B	115.0	701	185	0.8964	1.0280	0.9000	1.0500	-	-	L	439	WRIVER2TSTK	21C (ESB)	FIX	Recond	-700	ON
73683	ELMWST B	115.0	701	185	0.8992	1.0277	0.9000	1.0500	-	-	L	373	GRNDAV5TSTK	13C (ESB)	FIX	Recond	700	ON
73683	ELMWST B	115.0	701	185	0.8995	1.0279	0.9000	1.0500	-	-	L	373	GRNDAV5TSTK	5C (ESB)	FIX	Recond	0	ON
73683	ELMWST B	115.0	701	185	0.8998	1.0280	0.9000	1.0500	-	-	L	373	GRNDAV5TSTK	21C (ESB)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	0.8583	1.0135	0.9000	1.0500	-	-	L	253	1272-1721DCT	17C (ESB)	FIX	Recond	700	OFF
73189	FREIGHT	115.0	701	171	0.8590	1.0150	0.9000	1.0500	-	-	L	253	1272-1721DCT	9C (ESB)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	0.8597	1.0162	0.9000	1.0500	-	-	L	253	1272-1721DCT	25C (ESB)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	0.8634	1.0155	0.9000	1.0500	-	-	L	249	1272-1721DCT	13C (ESB)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	0.8641	1.0170	0.9000	1.0500	-	-	L	249	1272-1721DCT	5C (ESB)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	0.8646	1.0182	0.9000	1.0500	-	-	L	249	1272-1721DCT	21C (ESB)	FIX	Recond	-700	ON

List of Voltage Violations: 27.7 GW NE Load, Dispatches 2C - 25C (ESB)

H = High
L = Low
D = Drop
R = Rise

Sorted by bus name, then contingency voltage

Bus #	Bus Name	KV	Area	Zone	Cont Volt	Base Volt	Low Limit	Upp Limit	Volt Drop	Volt Rise	Viol	Ncon	Contin. Description	Dispatch	Controls	387 Line	NE-NY	NHHS
73189	FREIGHT	115.0	701	171	0.8711	1.0177	0.9000	1.0500	-	-	L	253	1272-1721DCT	22C (ESB)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	0.8713	1.0199	0.9000	1.0500	-	-	L	253	1272-1721DCT	14C (ESB)	FIX	Recond	700	OFF
73189	FREIGHT	115.0	701	171	0.8717	1.0206	0.9000	1.0500	-	-	L	253	1272-1721DCT	6C (ESB)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	0.8764	1.0178	0.9000	1.0500	-	-	L	249	1272-1721DCT	10C (ESB)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	0.8765	1.0173	0.9000	1.0500	-	-	L	249	1272-1721DCT	2C (ESB)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	0.8772	1.0194	0.9000	1.0500	-	-	L	249	1272-1721DCT	18C (ESB)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	0.8824	1.0165	0.9000	1.0500	-	-	L	253	1272-1721DCT	16C (ESB)	FIX	Recond	700	OFF
73189	FREIGHT	115.0	701	171	0.8827	1.0169	0.9000	1.0500	-	-	L	249	1272-1721DCT	12C (ESB)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	0.8828	1.0196	0.9000	1.0500	-	-	L	253	1272-1721DCT	15C (ESB)	FIX	Recond	700	OFF
73189	FREIGHT	115.0	701	171	0.8829	1.0178	0.9000	1.0500	-	-	L	253	1272-1721DCT	8C (ESB)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	0.8831	1.0206	0.9000	1.0500	-	-	L	253	1272-1721DCT	7C (ESB)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	0.8832	1.0182	0.9000	1.0500	-	-	L	249	1272-1721DCT	4C (ESB)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	0.8833	1.0213	0.9000	1.0500	-	-	L	253	1272-1721DCT	23C (ESB)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	0.8834	1.0191	0.9000	1.0500	-	-	L	253	1272-1721DCT	24C (ESB)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	0.8835	1.0206	0.9000	1.0500	-	-	L	249	1272-1721DCT	11C (ESB)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	0.8838	1.0215	0.9000	1.0500	-	-	L	249	1272-1721DCT	3C (ESB)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	0.8839	1.0195	0.9000	1.0500	-	-	L	249	1272-1721DCT	20C (ESB)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	0.8840	1.0222	0.9000	1.0500	-	-	L	249	1272-1721DCT	19C (ESB)	FIX	Recond	-700	ON
73196	GLEN JCT	115.0	701	171	0.8879	1.0097	0.9000	1.0500	-	-	L	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73265	GREEN HL	115.0	701	171	0.8905	0.9969	0.9000	1.0500	-	-	L	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73705	IND.WELL	115.0	701	185	0.8990	0.9956	0.9000	1.0500	-	-	L	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73707	JUNE ST	115.0	701	185	0.8913	1.0086	0.9000	1.0500	-	-	L	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73675	MIX AVE	115.0	701	185	0.8838	1.0100	0.9000	1.0500	-	-	L	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73671	NO.HAVEN	115.0	701	185	1.0501	1.0412	0.9000	1.0500	-	-	H	385	NOHAVN2TSTK	11C (ESB)	FIX	Recond	700	ON
73671	NO.HAVEN	115.0	701	185	1.0504	1.0416	0.9000	1.0500	-	-	H	385	NOHAVN2TSTK	3C (ESB)	FIX	Recond	0	ON
73671	NO.HAVEN	115.0	701	185	1.0505	1.0409	0.9000	1.0500	-	-	H	389	NOHAVN2TSTK	16C (ESB)	FIX	Recond	700	OFF
73671	NO.HAVEN	115.0	701	185	1.0510	1.0420	0.9000	1.0500	-	-	H	385	NOHAVN2TSTK	19C (ESB)	FIX	Recond	-700	ON
73671	NO.HAVEN	115.0	701	185	1.0514	1.0415	0.9000	1.0500	-	-	H	389	NOHAVN2TSTK	8C (ESB)	FIX	Recond	0	OFF
73671	NO.HAVEN	115.0	701	185	1.0523	1.0421	0.9000	1.0500	-	-	H	389	NOHAVN2TSTK	24C (ESB)	FIX	Recond	-700	OFF
73671	NO.HAVEN	115.0	701	185	1.0527	1.0424	0.9000	1.0500	-	-	H	385	NOHAVN2TSTK	12C (ESB)	FIX	Recond	700	ON
73671	NO.HAVEN	115.0	701	185	1.0536	1.0429	0.9000	1.0500	-	-	H	385	NOHAVN2TSTK	4C (ESB)	FIX	Recond	0	ON
73671	NO.HAVEN	115.0	701	185	1.0544	1.0434	0.9000	1.0500	-	-	H	385	NOHAVN2TSTK	20C (ESB)	FIX	Recond	-700	ON
73293	NORWALK	345.0	701	171	0.9470	1.0122	0.9500	1.0500	-	-	L	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73115	PLUMTREE	345.0	701	171	0.9432	1.0071	0.9500	1.0500	-	-	L	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73673	SACKPHS	115.0	701	185	0.8859	1.0118	0.9000	1.0500	-	-	L	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73301	SINGER	345.0	701	186	0.9444	1.0139	0.9500	1.0500	-	-	L	482	ESHrstuck_new	17C (ESB)	FIX	Recond	700	OFF
73199	SO.NAUG	115.0	701	171	0.8900	1.0028	0.9000	1.0500	-	-	L	253	1272-1721DCT	17C (ESB)	FIX	Recond	700	OFF
73199	SO.NAUG	115.0	701	171	0.8907	1.0039	0.9000	1.0500	-	-	L	253	1272-1721DCT	9C (ESB)	FIX	Recond	0	OFF
73199	SO.NAUG	115.0	701	171	0.8914	1.0048	0.9000	1.0500	-	-	L	253	1272-1721DCT	25C (ESB)	FIX	Recond	-700	OFF
73199	SO.NAUG	115.0	701	171	0.8947	1.0049	0.9000	1.0500	-	-	L	249	1272-1721DCT	13C (ESB)	FIX	Recond	700	ON
73199	SO.NAUG	115.0	701	171	0.8953	1.0060	0.9000	1.0500	-	-	L	249	1272-1721DCT	5C (ESB)	FIX	Recond	0	ON
73199	SO.NAUG	115.0	701	171	0.8958	1.0070	0.9000	1.0500	-	-	L	249	1272-1721DCT	21C (ESB)	FIX	Recond	-700	ON