



PowerGEM

Power Grid Engineering & Markets

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

Prepared for:

The United Illuminating Company

and

Northeast Utilities

Prepared by:

Johnny R. Willis
PowerGEM
jwillis@power-gem.com

PowerGEM Report 10021.001-11
September 7, 2004



PowerGEM

Power Grid Engineering & Markets

EXECUTIVE SUMMARY	2
1. INTRODUCTION	4
2. DATABASE	6
2.1. POWER FLOW BASE CASES	6
2.2. CONTINGENCY FILE.....	7
3. METHODOLOGY AND RESULTS FILES.....	8
3.1. SOFTWARE	8
3.2. PERFORMANCE CRITERIA	8
3.3. SOLUTION OPTIONS	8
4. TRANSMISSION LOADING RESULTS	9
4.1. BASE CASE RESULTS.....	9
4.2. POST-CONTINGENCY RESULTS.....	9
4.2.1. <i>Table of Results</i>	9
4.2.2. <i>Discussion of Results</i>	10
5. TRANSMISSION VOLTAGE RESULTS	12
5.1. TABLES OF RESULTS.....	12
5.2. DISCUSSION OF RESULTS.....	12
6. REFERENCES	14

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 Reconductored 387 & 329 Lines and Beseck Switching Station without East Shore to Beseck Line in this report, is for a 345 kV transmission path East Shore to Norwalk Substation with interconnecting substations between these stations, and a new Beseck switching station.¹ The East Shore to Norwalk option, consisting of underground cables, is described as follows:

From	To	Distance	Transmission
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. 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 existing 345 kV 387 line (Scovill Rock to East Shore) and 345 kV 329 line (Southington to Frost Bridge) are reconductored with Genessee conductor.

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.

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

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 387 & 329 Lines Reconductored (Genessee)
 Beseck Switching Station without East Shore to Beseck Line
 Transmission Loading and Voltage Analysis, NE-NY ±700 MW and 0 MW

monitored for the 115 kV and 345 kV transmission systems. In total, this results in twenty-four dispatch conditions studied.

Post-contingency power flow on the 345 kV Meriden to Beseck line, the 345 kV Southington to Meriden 362W line, and the 345 kV Long Mountain to Plumtree line exceeds their long-time emergency ratings for at least one contingency. One of the Norwalk to Singer 345 kV cables is also overloaded after a contingency. 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	2D-5D	6D-9D	10D-13D	14D-17D	18D-21D	22D-25D
345 kV Line	1	1	2	2	1	2
115 kV Line	22	25	23	27	21	24
345/115 AutoTrans	1	1	1	1	1	1
138 kV CT-LI Tie (1)	0	1	0	1	2	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	2D-5D	6D-9D	10D-13D	14D-17D	18D-21D	22D-25D
345 kV Violations	0	0	0	0	0	0
115 kV Violations	11	10	10	10	10	11

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 Reconductored 387 & 329 Lines and Beseck Switching Station without East Shore to Beseck Line in this report, is for a 345 kV transmission path East Shore to Norwalk Substation with interconnecting substations between these stations, and a new Beseck switching station.² The East Shore to Norwalk option, consisting of underground cables, is described as follows:

From	To	Distance	Transmission
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. 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 existing 345 kV 387 line (Scovill Rock to East Shore) and 345 kV 329 line (Southington to Frost Bridge) are reconductored with Genessee conductor.

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.

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.

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.

SWCT Transmission Expansion:
East Shore to Norwalk, with 387 & 329 Lines Reconductored (Genessee)
Beseck Switching Station without East Shore to Beseck Line
Transmission Loading and Voltage Analysis, NE-NY ± 700 MW and 0 MW

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 underground cables and a new Beseck switching station with the resulting transmission reconfiguration. The existing 345 kV 387 line (Scovill Rock to East Shore) and 345 kV 329 line (Southington to Frost Bridge) were reconducted with Genessee conductor. 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.

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.

	Case or "Dispatch" Identifier					
	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	2D	6D	10D	14D	18D	22D
3	3D	7D	11D	15D	19D	23D
4	4D	8D	12D	16D	20D	24D
5	5D	9D	13D	17D	21D	25D

The "D" in the identifier signifies that the modeling assumes that the 387 and 329 lines have been reconducted using Genessee conductor. An "ESC" is included in the case identifier in the load flow case title to distinguish these cases from those in

references 1 through 11. (An example case name is ESC277-2D, where the "2D" 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 and the proposed Beseck Switching Station. 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

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

							NE - NY 700					
							NHHS On		NHHS Off			
							10D	11D	14D	15D		
73169	RYTN	J	A	115	73172	NORWALK	115	1	112.2	107.3	114.1	109.2
73172	NORWALK	115	73207	FLAX	HIL	115	1	120.7	115.9	122.6	117.7	
73207	FLAX	HIL	115	73271	RYTN	J	B	115	1		101.7	
							NY - NE 700					
							NHHS On		NHHS Off			
							18D	19D	22D	23D		
73169	RYTN	J	A	115	73172	NORWALK	115	1	113.9	109.1	116.1	111.1
73172	NORWALK	115	73207	FLAX	HIL	115	1	122.4	117.7	124.5	119.6	
73207	FLAX	HIL	115	73271	RYTN	J	B	115	1	101.5	103.7	
							NE - NY 0					
							NHHS On		NHHS Off			
							2D	3D	6D	7D		
73169	RYTN	J	A	115	73172	NORWALK	115	1	113	108.1	115	110
73172	NORWALK	115	73207	FLAX	HIL	115	1	121.4	116.6	123.4	118.5	
73207	FLAX	HIL	115	73271	RYTN	J	B	115	1	100.5	102.6	

As the table indicates, there are three 115 kV transmission lines that are loaded above normal rating in the base case. No monitored 345 kV lines were overloaded in the base cases.

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
Long Mountain to Plumtree (existing overhead line)	1649 MVA	2.4%
Norwalk to Singer (new underground cable)	794 MVA	6.5%
Southington to Meriden (existing overhead line)	1912 MVA	34.4%
Meriden to Beseck (reconfigured overhead line)	1912 MVA	6.5%

One 345/115kV auto-transformer at Southington experiences post-contingency overloads in twenty-one of the twenty-four dispatches studied, with the maximum overload being 27.4%.

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

Finally, for four dispatches the auto-transformers associated with the Connecticut to Long Island AC cables (1385 line) are overloaded, the maximum being 17.6% (NE end) and 6.8% (NY end) which occurs when New York is exporting power to New England.

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 Ovld
73105 LONG MTN 345 73115 PLUMTREE 345 1	2.4
73106 SOUTHGTN 345 73122 MERID362 345 1	34.4
73106 SOUTHGTN 345 73154 SGTN B 115 2	27.4
73122 MERID362 345 73295 BESECK 345 1	6.5
73162 WATERSDE 115 73163 COS COB 115 1	26.4
73162 WATERSDE 115 73168 GLNBROOK 115 1	3.6
73164 BALDWNJA 115 73187 STEVENSN 115 1	5.1
73164 BALDWNJA 115 73202 FROST BR 115 1	14
73166 NORHR138 138 73171 NWLK HAR 115 1	17.6
73167 SO.END 115 73294 GLNBRK J 115 1	23.2
73168 GLNBROOK 115 73169 RYTN J A 115 1	3.5
73168 GLNBROOK 115 73237 ELYAVE 115 1	54.8
73168 GLNBROOK 115 73271 RYTN J B 115 1	49.4
73169 RYTN J A 115 73171 NWLK HAR 115 1	43.4
73169 RYTN J A 115 73172 NORWALK 115 1	85.2
73170 PLUMTREE 115 73176 TRIANGLE 115 1	81.9
73170 PLUMTREE 115 73176 TRIANGLE 115 2	34.7
73170 PLUMTREE 115 73268 MDDLDRIV 115 1	185.8
73171 NWLK HAR 115 73237 ELYAVE 115 1	60.9
73171 NWLK HAR 115 73271 RYTN J B 115 1	4.3
73172 NORWALK 115 73207 FLAX HIL 115 1	99.7
73183 SHAWSHIL 115 73185 BUNKER H 115 1	10.7
73188 BCNFL PF 115 73192 DRBY J B 115 1	33.3
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	26.6
73198 SOUTHGTN 115 73631 WLNFG PF 115 1	7.4
73207 FLAX HIL 115 73271 RYTN J B 115 1	82.2
73224 TRMB J A 115 73700 PEQUONIC 115 1	0.9
73227 E.MERIDN 115 73230 HADDAM 115 1	2.5
73227 E.MERIDN 115 73633 NO.WALLF 115 1	34.6
73228 BALDWNJB 115 73185 BUNKER H 115 1	2.8
73230 HADDAM 115 73231 BOKUM 115 1	26
73230 HADDAM 115 73231 BOKUM 115 2	9.5
73268 MDDLDRIV 115 73176 TRIANGLE 115 1	124.9
73317 NORSING2 345 73315 SINGNOR2 345 1	6.5
73701 CRR A JCT 115 73703 ASHCREEK 115 1	0.3
75053 NRHTPT P 138 75051 NRHTPRT1 138 1	6.8

Table 1 (ESC Series Cases, Reconductored 387 & 329 Line, No Beseck-EShore Line)																										
Highest Overload: 27.7 GW NE Load, Dispatches 2D-25D, 3 Cables EShore-EDevon, 2 Cables EDevon-Norwalk																										
NE - NY 700 MW													NY - NE 700 MW											NE - NY 0 MW		
Max Ovld	NHHS On-Line				NHHS Off-Line				NHHS On-Line				NHHS Off-Line				NHHS On-Line				NHHS Off-Line					
	10D	11D	12D	13D	14D	15D	16D	17D	18D	19D	20D	21D	22D	23D	24D	25D	2D	3D	4D	5D	6D	7D	8D	9D		
2.4													2.4													
34.4	22.1	1.6		22.8	33.5	11.9	2.7	34.4	2.9			3.4	13.4			14.1	13.4			13.8	24.2	3.3		24.8		
27.4	19.7	13.3	10.4	21.7	25.1	18.4	15.6	27.4	3.1			5.4	8.4	1.8		10.7	12.2	5.8	3	14.2	17.7	11	8.2	19.6		
6.5					5.8			6.5																		
26.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	26.4	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		
3.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.6	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		
5.1					5.1			1.4																		
14					14			10.5					2.5									8.7		4.9		
17.6								5.1				12.4				17.6								2.6		
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		
3.5				1.6				2.6				2.5				3.5				2				3		
54.8			50.5	53.8				50.8	54.2			51.1	54.3			51.4	54.8			50.8	54			51.1	54.5	
49.4	18.9	15.4	37.8	46.7	20.4	16.8	39.1	48.1	20.2	16.7	39.1	48	21.7	18.1	40.5	49.4	19.4	16	38.4	47.3	20.9	17.4	39.7	48.7		
43.4			43.2	43.3				42.5	43.3			43.4	43.4			42.8	43.4			43.2	43.3			42.6	43.3	
85.2	80.7	75.2			82.7	77.2			82.8	77.4			85.2	79.5			81.6	76.2			83.8	78.3				
81.9	72.6	69.4	40.7	71.6	80.3	80.9	69.7	80.3	73.6	69.6	69.3	71	81.9	71.8	68.7	80.4	73.5	69.4	41.7	71.2	80.8	71.6	69.2	80.5		
34.7	34.5	34.6	34.7	34.4	34.1	34.6	34.7	34.1	34.5	34.5	34.3	34.2	34.4	34.6	34.4	34.1	34.5	34.5	34.5	34.3	34.2	34.6	34.6	34.1		
185.8	183	182	182	182	185	186	182	185	183	182	182	182	186	182	182	185	183	182	102	182	185	182	182	185		
60.9			48.9	58				49.7	59.3			50.5	59.6			51.4	60.9			49.6	58.7			50.4	60	
4.3			4.3	4.2				4.3	4.2			4.3	4.2			4.3	4.2			4.3	4.2			4.3	4.2	
99.7	95.2	89.7			97.2	91.8			97.4	92			99.7	94.1			96.1	90.7			98.3	92.8				
10.7	2.8			3.4	10.1			10.7	0.1			0.7	7.4			7.9	1.4			2.2	8.9			9.4		
33.3	30.1	27.5	26.5	31.7	31.1	27.9	27	33.3	30	27.5	26.5	32.4	31.1	28	27	33.3	30.1	27.5	26.5	31.7	31.1	28	27	33.3		
26.6	3.5			3	26.6			26.2					11.2			10.5					19.6			18.6		
7.4					7.4			6.6													1.9			0.6		
82.2	77.6	72.1			79.7	74.2			79.8	74.4			82.2	76.5			78.6	73.1			80.8	75.2				
0.9			0.9																							
2.5					1.9			2.5								0.5				0.4				1.4		
34.6	25.6	3		26.2	33.7	10.9	4.3	34.6	22.5	0.3		23.4	30.6	8.1	1.5	31.4	24	1.7		25	32	9.5	2.9	32.8		
2.8					2.8			2.3																		
26	12.7			12.7	25.9	3		26	4.4			4.5	17.7			17.7	8.9			9	22.1			22.1		
9.5					9.4			9.5					2.3			2.3					6.1			6.2		
124.9	122	121	122	122	125	125	122	125	122	121	121	122	125	122	121	125	122	121	54.8	122	125	122	121	125		
6.5		6.5																								
0.3		0.3								0.3										0.3						
6.8											2					6.8										

5. Transmission Voltage Results

5.1. Tables of Results

A summary of the most severe low voltage violations is provided in Table 2.

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, all voltage violations are for 115 kV buses. The worst voltages are for conditions for dispatches 5D, 9D, 13D, 17D, 21D, and 25D (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.

There were no 345 kV bus voltage violations.

Table 2 (ESC Series Cases, Reconductored 387 & 329 Line, No Beseck-EShore Line)

Worst Low Voltage Violation: 27.7 GW NE Load, Dispatches 2D-25D, 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			
	Max Viol	10D	11D	12D	13D	14D	15D	16D	17D	18D	19D	20D	21D	22D	23D	24D	25D	2D	3D	4D	5D	6D	7D	8D	9D
BALDWINB	0.036	0.021	0.015	0.016	0.034	0.025	0.015	0.016	0.036	0.020	0.014	0.015	0.032	0.024	0.015	0.015	0.035	0.020	0.015	0.015	0.033	0.024	0.015	0.016	0.036
BCNFL PF	0.007				0.005				0.007				0.003				0.006				0.004				0.007
BUNKER H	0.036	0.020	0.015	0.015	0.034	0.024	0.015	0.016	0.036	0.020	0.014	0.014	0.032	0.024	0.015	0.015	0.035	0.020	0.014	0.015	0.033	0.024	0.015	0.015	0.036
ELMWST A	0.008				0.005				0.006								0.008				0.003				0.005
ELMWST B	0.010				0.007	0.001			0.008				0.002				0.010				0.005				0.007
FREIGHT	0.037	0.022	0.016	0.017	0.035	0.026	0.017	0.017	0.037	0.021	0.016	0.016	0.034	0.025	0.016	0.016	0.037	0.022	0.016	0.017	0.034	0.025	0.016	0.017	0.037
SO.NAUG	0.006				0.004				0.006				0.003				0.005				0.003				0.006

All buses are 115 kv

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 ± 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 ± 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 ± 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 ± 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

SWCT Transmission Expansion:
East Shore to Norwalk, with 387 & 329 Lines Reconductored (Genessee)
Beseck Switching Station without East Shore to Beseck Line
Transmission Loading and Voltage Analysis, NE-NY ± 700 MW and 0 MW

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 Line Reconductored with 2x954 and Looped into Beseck: Transmission Loading and Voltage Analysis @ 27.7 GW Load, NE-NY ± 700 MW and 0 MW, PowerGEM Report 10021.001-12, dated September 7, 2004.

SWCT Transmission Expansion:
East Shore to Norwalk, with 387 & 329 Lines Reconductored (Genessee)
Beseck Switching Station without East Shore to Beseck Line
Transmission Loading and Voltage Analysis, NE-NY ± 700 MW and 0 MW

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							Ratings (MVA)	Comments	Each Cable	
					R (total)	X (total)	B (total)	R/mile	X/mile	B/mile	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						Ratings (MVA)	Comments
					R (total)	X (total)	B (total)	R/mile	X/mile	B/mile		
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

Circuit Parameters: Reconductored 387 & 329 Lines												
From	To	No. of Ckts	Miles	Type	Each Circuit						Ratings (MVA)	Comments
					R (total)	X (total)	B (total)	R/mile	X/mile	B/mile		
E.Shore	Scovill Rock	1	-	Genessee	0.0011320	0.014948	0.28354				1655 / 2490 / 2490	Existing 387 line reconductor
Frost Br.	Southington	1	-	Genessee	0.00044176	0.0063603	0.11020				1655 / 2490 / 2490	Existing 329 line reconductor

Appendix B

Power Flow Base Case One-Line Diagrams

	Case or "Dispatch" Identifier					
	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	2D	6D	10D	14D	18D	22D
3	3D	7D	11D	15D	19D	23D
4	4D	8D	12D	16D	20D	24D
5	5D	9D	13D	17D	21D	25D

NHHS = 447 MW New Haven Harbor Station

SWCT Transmission Expansion:
East Shore to Norwalk, with 387 & 329 Lines Reconductored (Genessee)
Beseck Switching Station without East Shore to Beseck Line
Transmission Loading and Voltage Analysis, NE-NY ±700 MW and 0 MW

Dispatch Changes to Create 700 MW NE to NY Cases

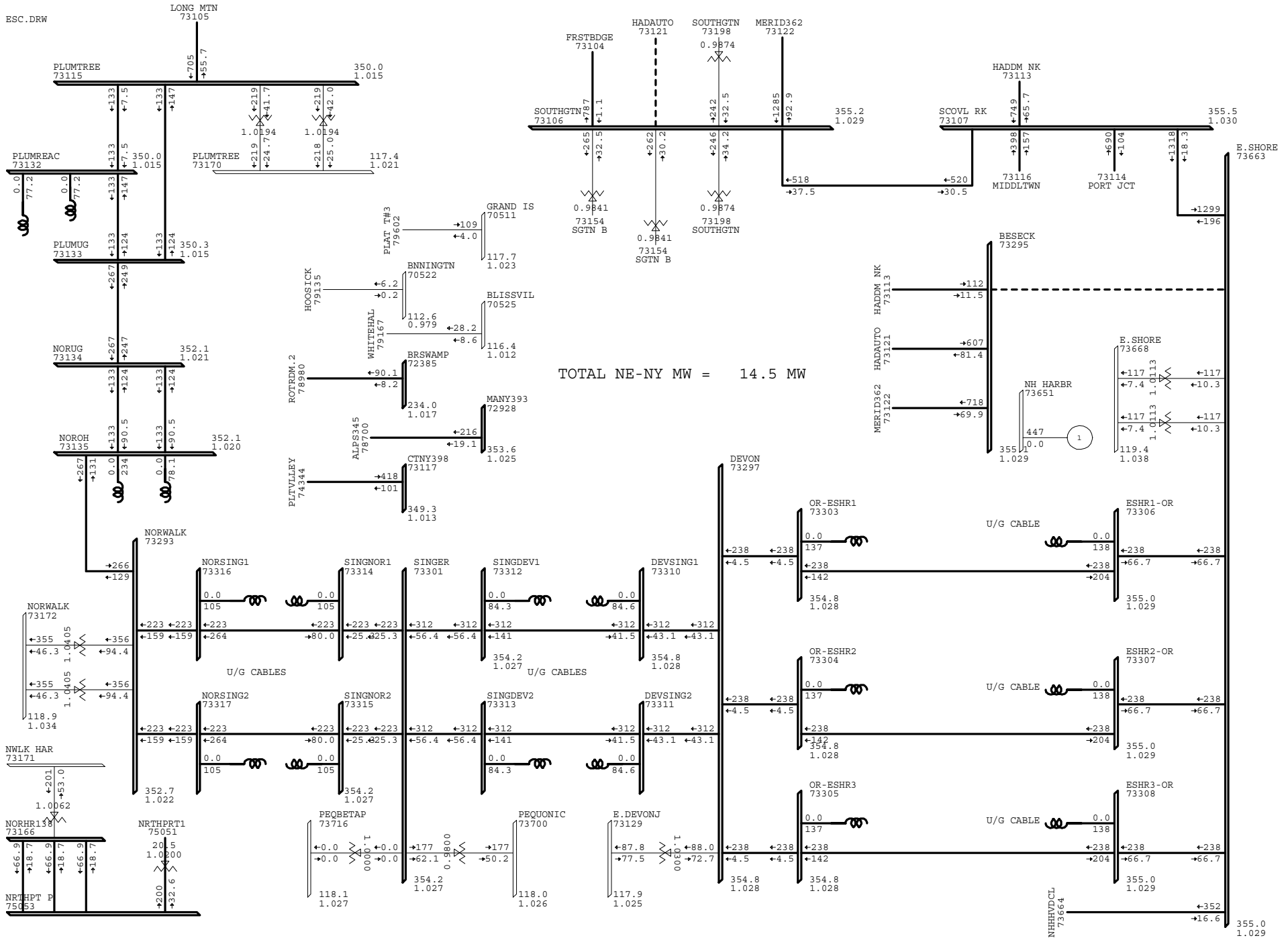
Bring on MIS GT2 (70061) at reduced output	+150.0 MW
Bring on Edgar GT1 (70909)	+276.2 MW
Bring on Edgar ST1 (70911) at reduced output	<u>+273.8 MW</u> *adjust as needed
	+700.0 MW

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 = 14.5 MW

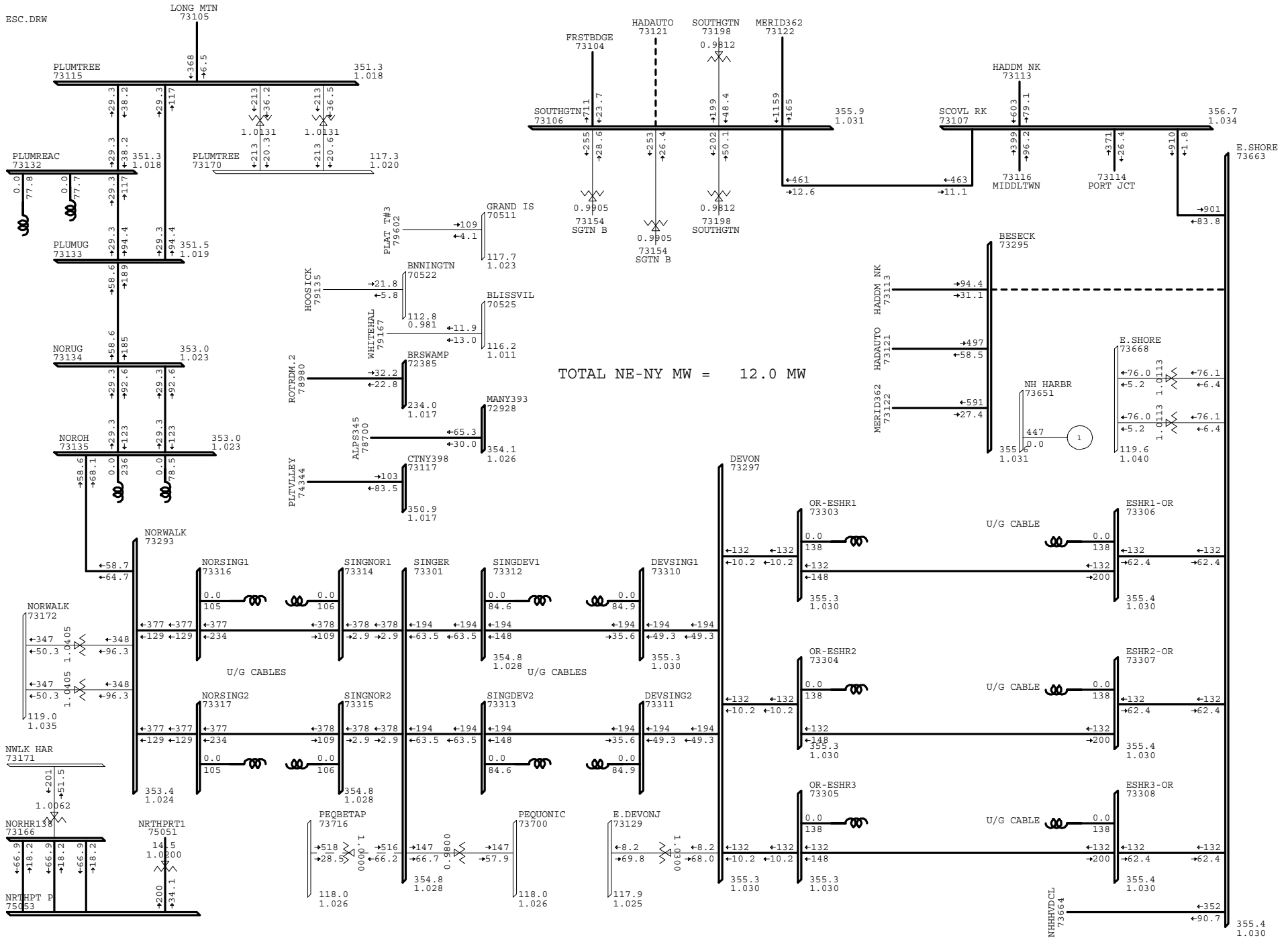


ESC277-2D, NO BESECK-ESHORE, 27.7 GW, DISP 2, NHHS ON
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NE-NY 0
 MON, JUN 07 2004 21:41

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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

ESC.DRW



TOTAL NE-NY MW = 12.0 MW



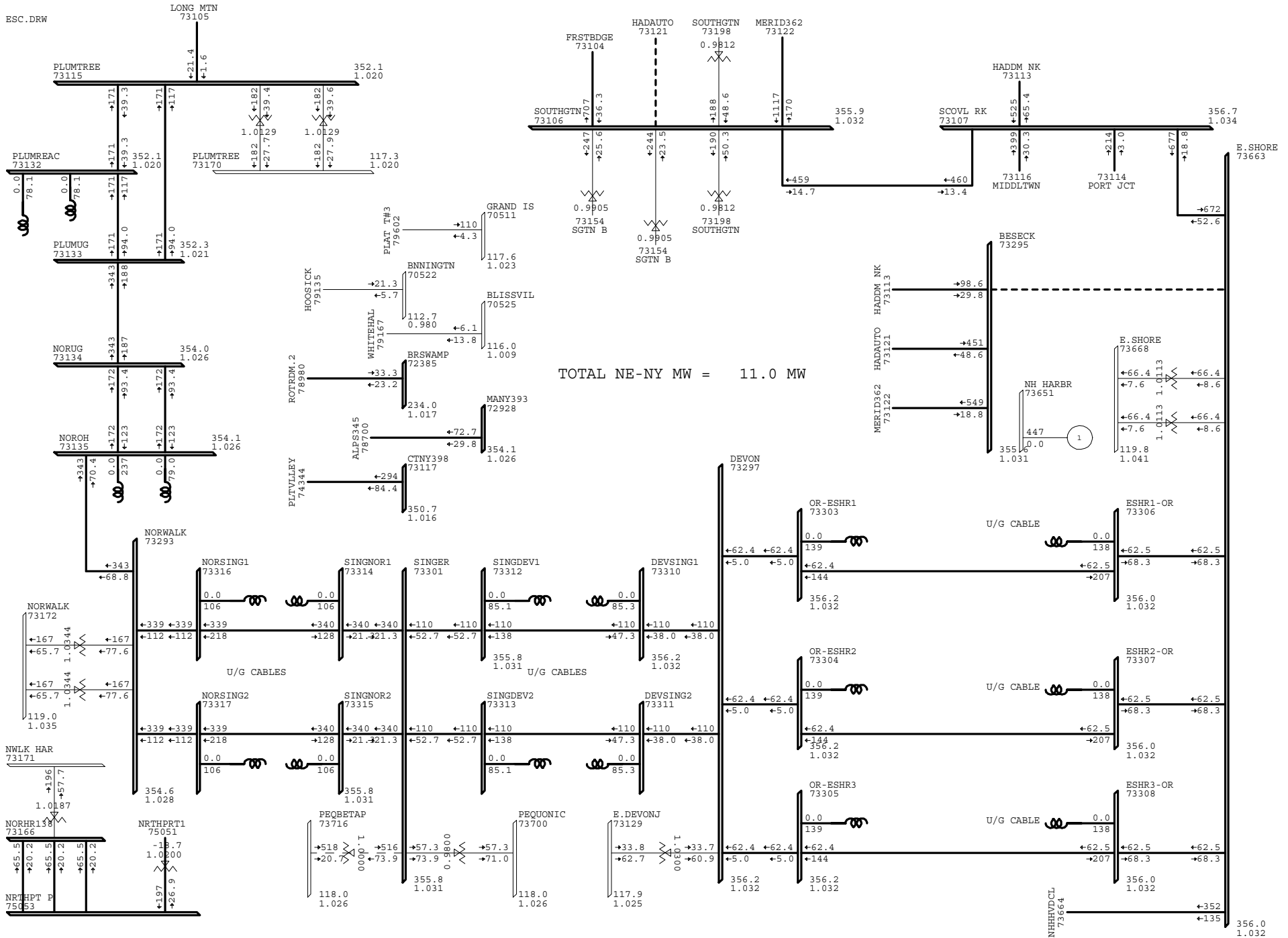
ESC277-3D, NO BESECK-ESHORE, 27.7 GW, DISP 3, NHHS ON
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NE-NY 0
 MON, JUN 07 2004 21:41

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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

355.4
1.030

ESC.DRW



TOTAL NE-NY MW = 11.0 MW

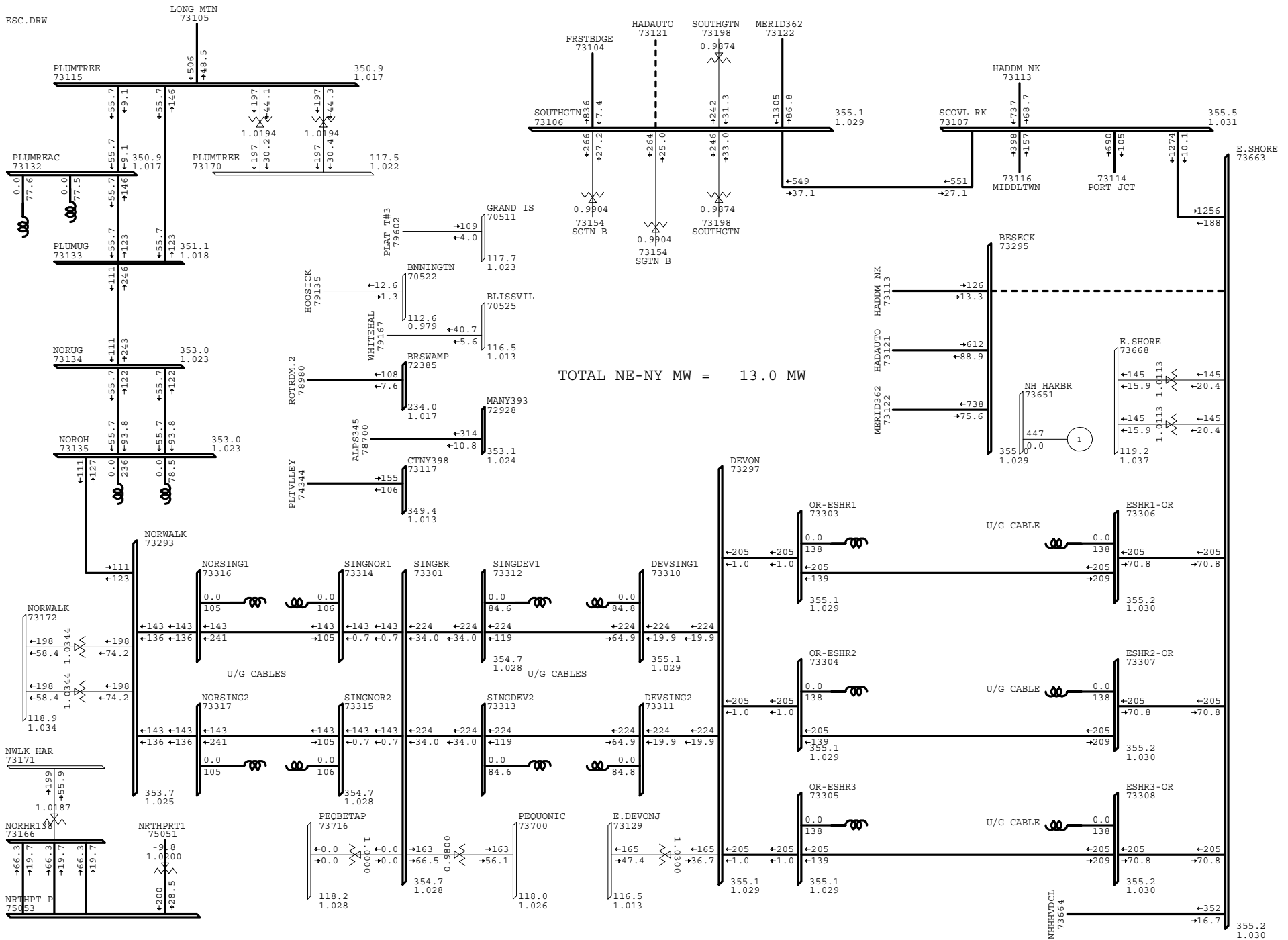


ESC277-4D, NO BESECK-ESHORE, 27.7 GW, DISP 4, NHHS ON
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NE-NY 0
 MON, JUN 07 2004 21:41

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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

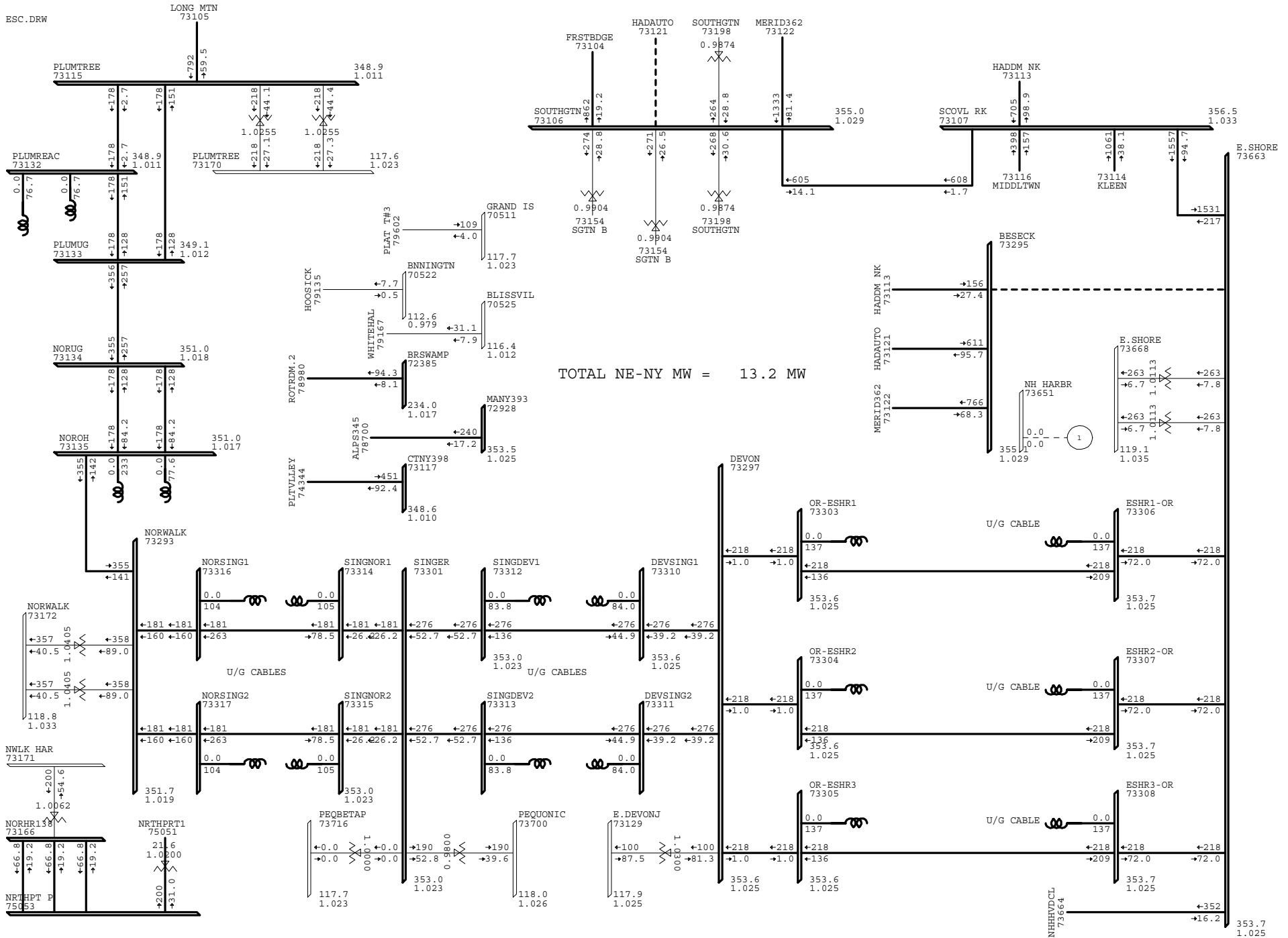
356.0
1.032



ESC277-5D, NO BESECK-ESHORE, 27.7 GW, DISP 5, NHHS ON
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NE-NY 0
 MON, JUN 07 2004 21:41

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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



TOTAL NE-NY MW = 13.2 MW



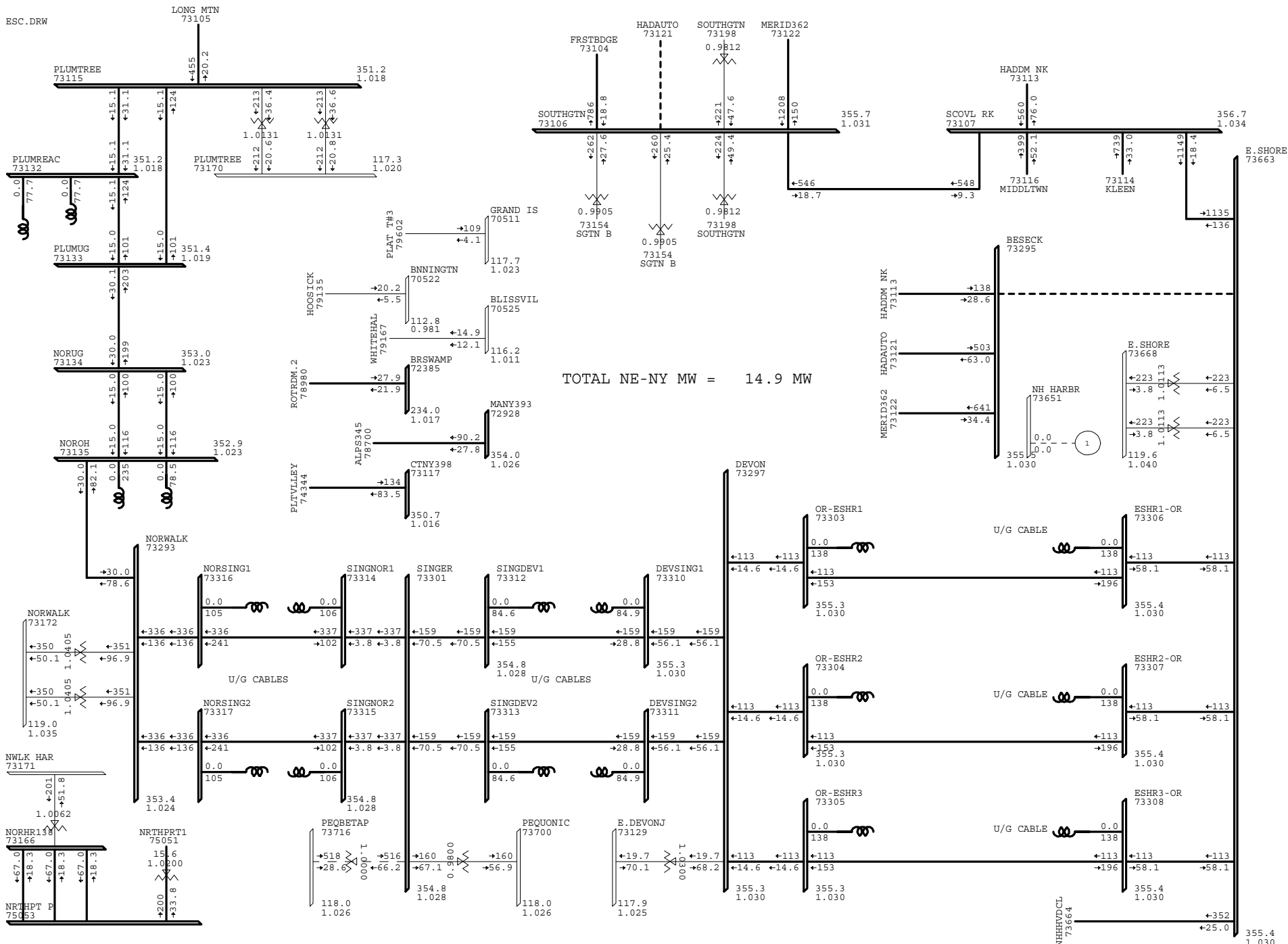
ESC277-6D, NO BESECK-ESHORE, 27.7 GW, DISP 6, NHHS OFF
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NE-NY 0
 MON, JUN 07 2004 21:41

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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

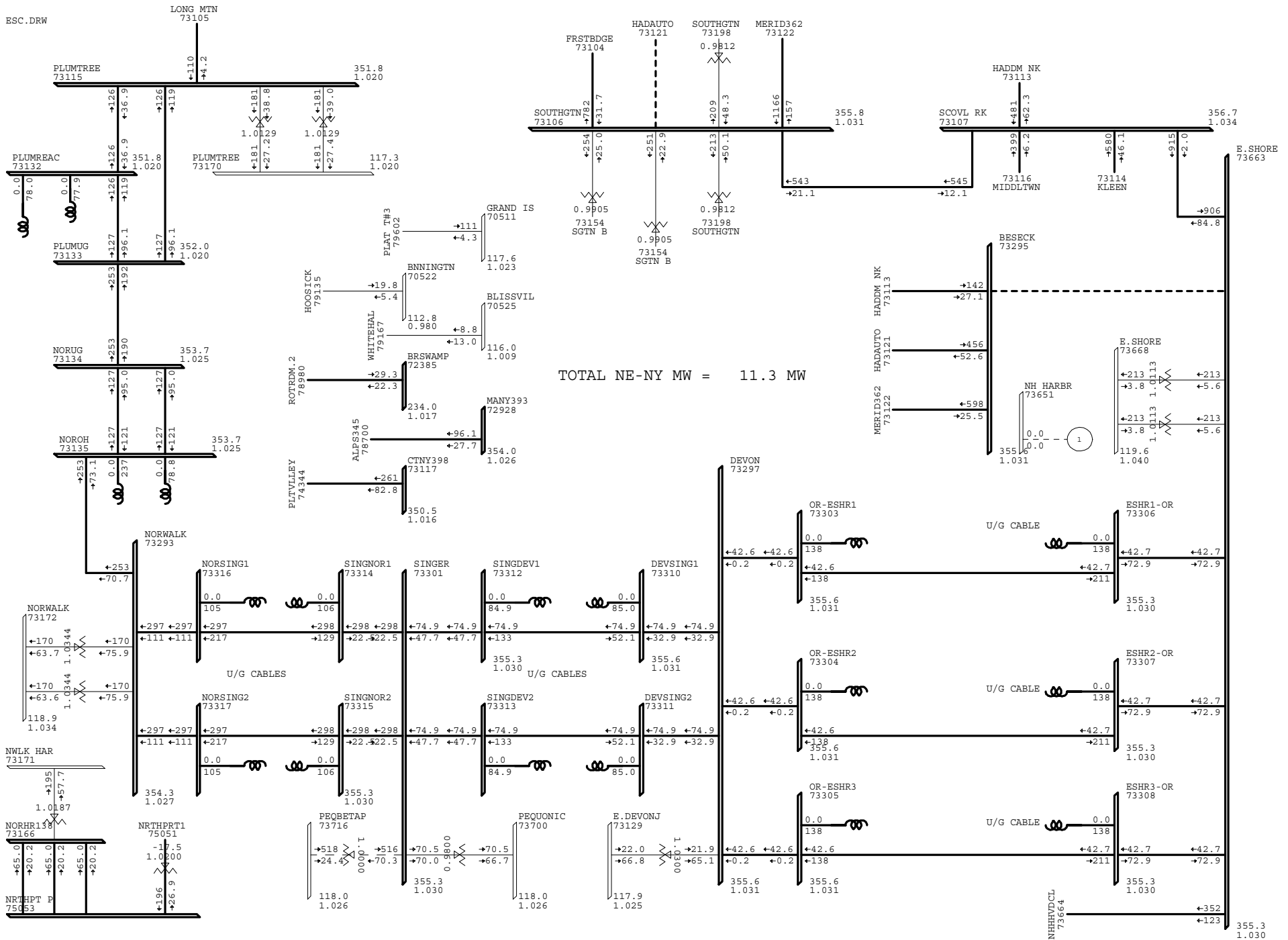
353.7
1.025

ESC.DRW



TOTAL NE-NY MW = 14.9 MW

ESC.DRW



TOTAL NE-NY MW = 11.3 MW

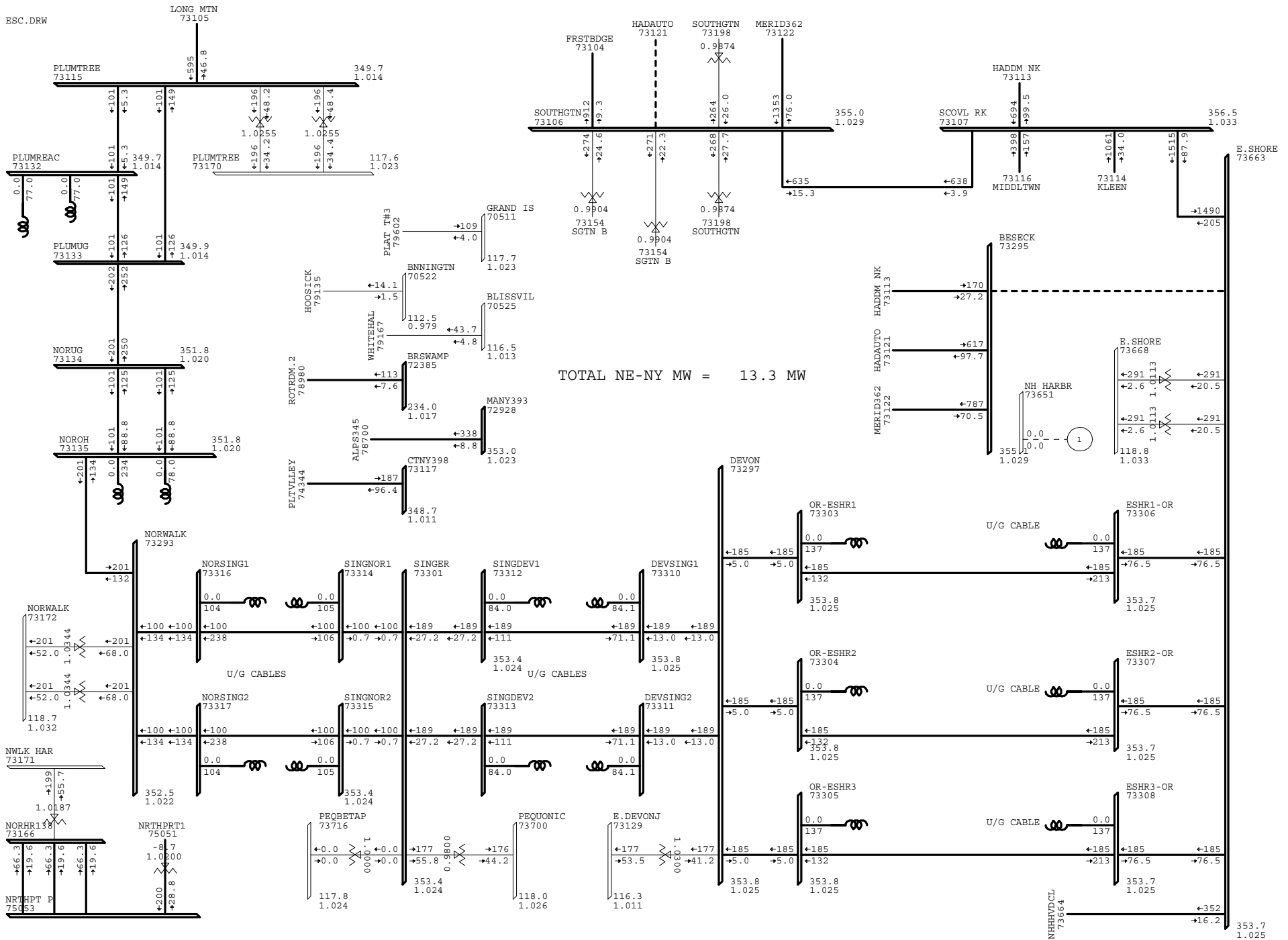


ESC277-8D, NO BESECK-ESHORE, 27.7 GW, DISP 8, NHHS OFF
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NE-NY 0
 MON, JUN 07 2004 21:42

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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

355.3
1.030

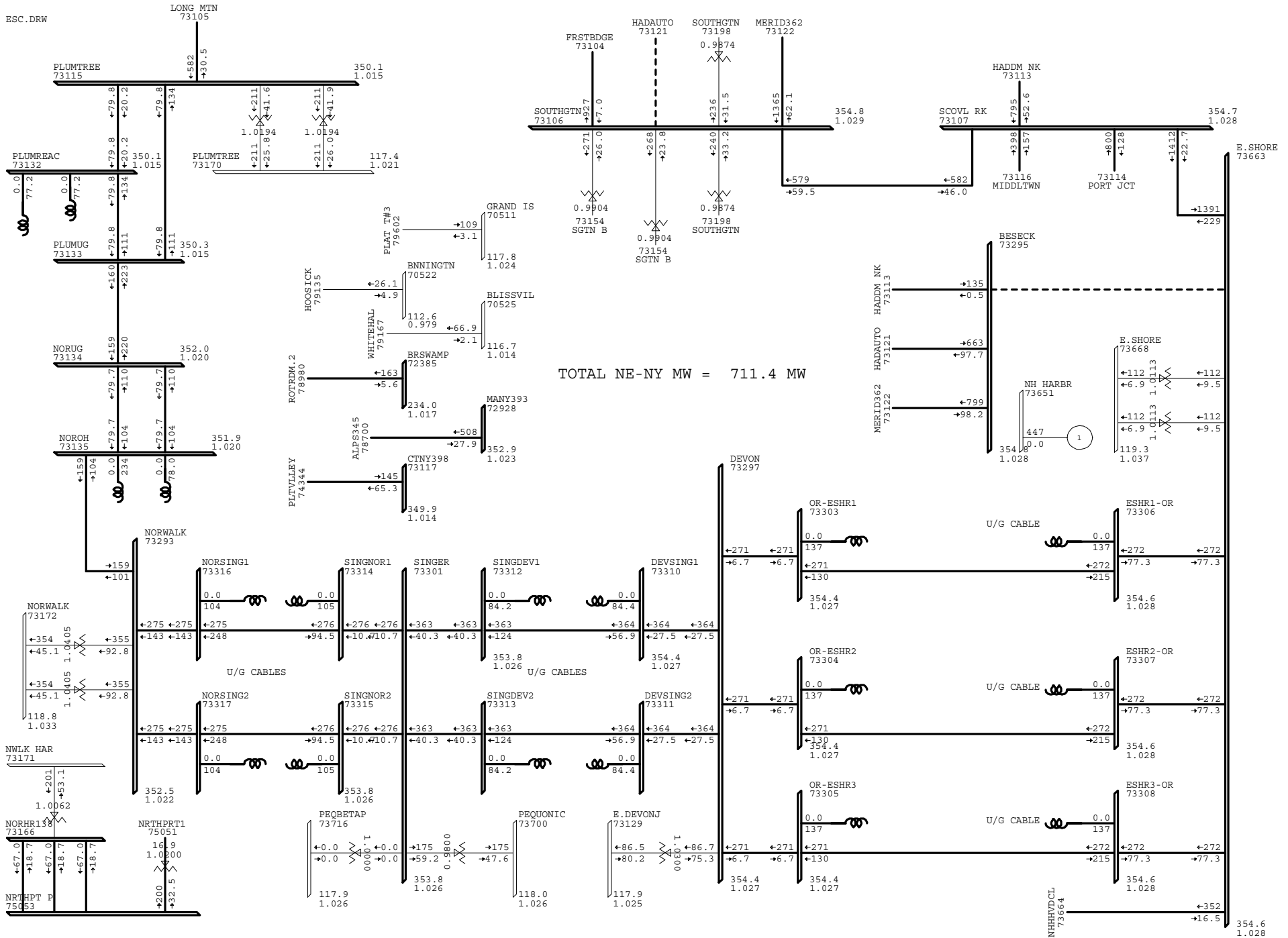


TOTAL NE-NY MW = 13.3 MW

ESC277-9D, NO BESECK-ESHORE, 27.7 GW, DISP 9, NHHS OFF
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NE-NY 0
 MON, JUN 07 2004 21:42

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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



TOTAL NE-NY MW = 711.4 MW

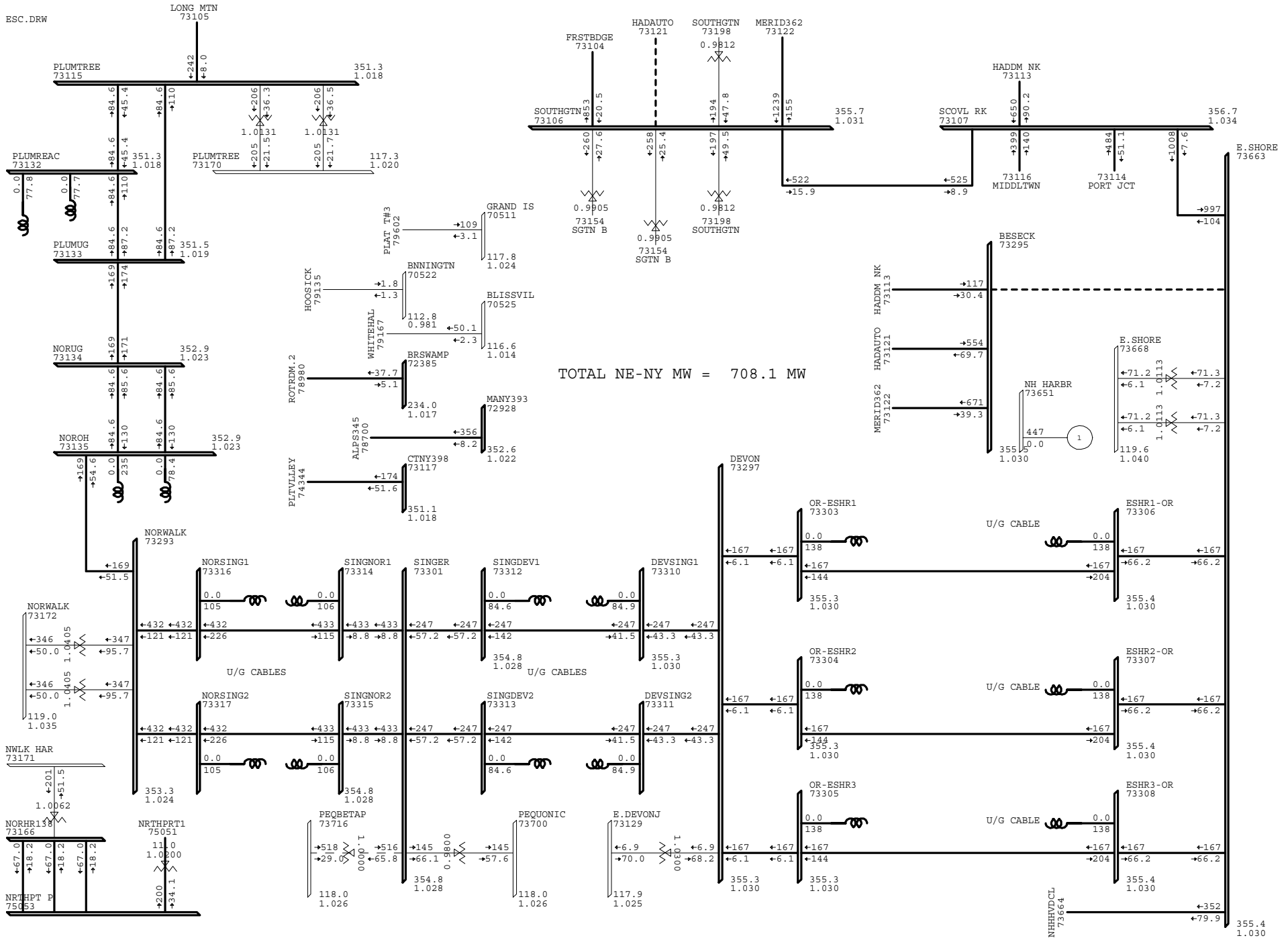


ESC277-10D, NO BESECK-ESHORE, 27.7 GW, DISP 10, NE-NY 700
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NHHS ON
 MON, JUN 07 2004 21:42

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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

354.6
1.028

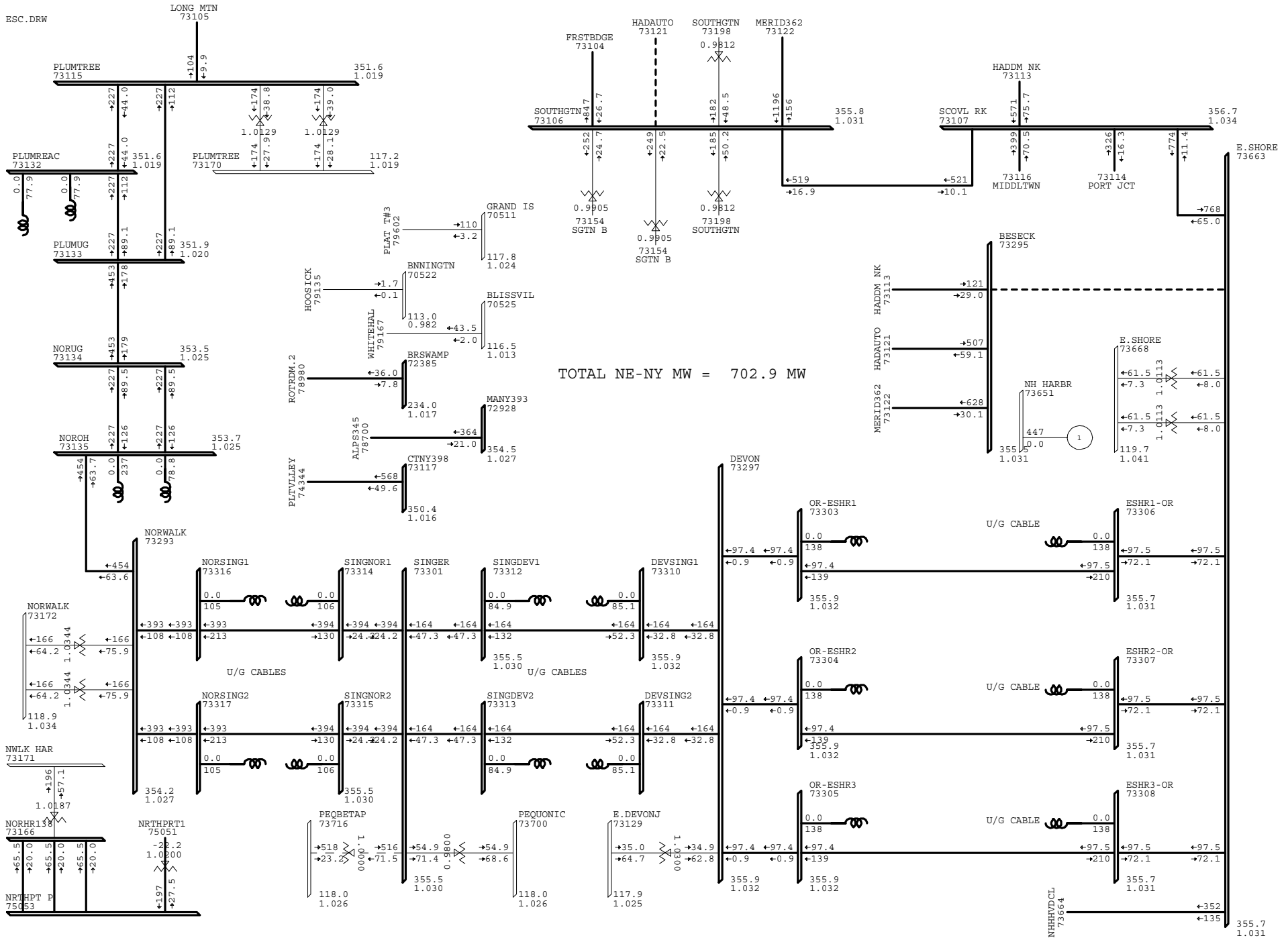


TOTAL NE-NY MW = 708.1 MW

ESC277-11D, NO BESECK-ESHORE, 27.7 GW, DISP 11, NE-NY 700
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NHHS ON
 MON, JUN 07 2004 21:42

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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

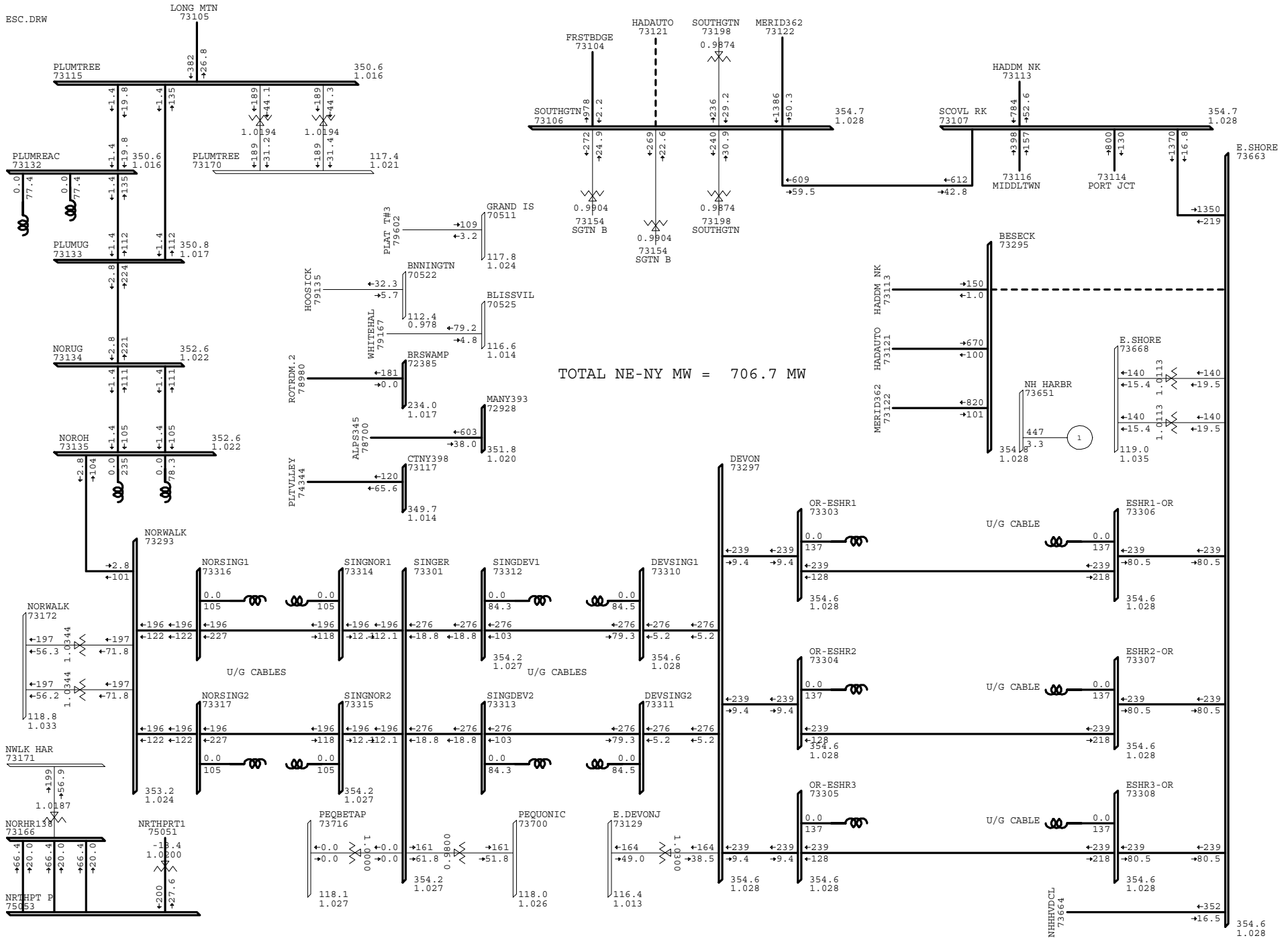


TOTAL NE-NY MW = 702.9 MW

ESC277-12D, NO BESECK-ESHORE, 27.7 GW, DISP 12, NE-NY 700
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NHHS ON
 MON, JUN 07 2004 21:42

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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



TOTAL NE-NY MW = 706.7 MW

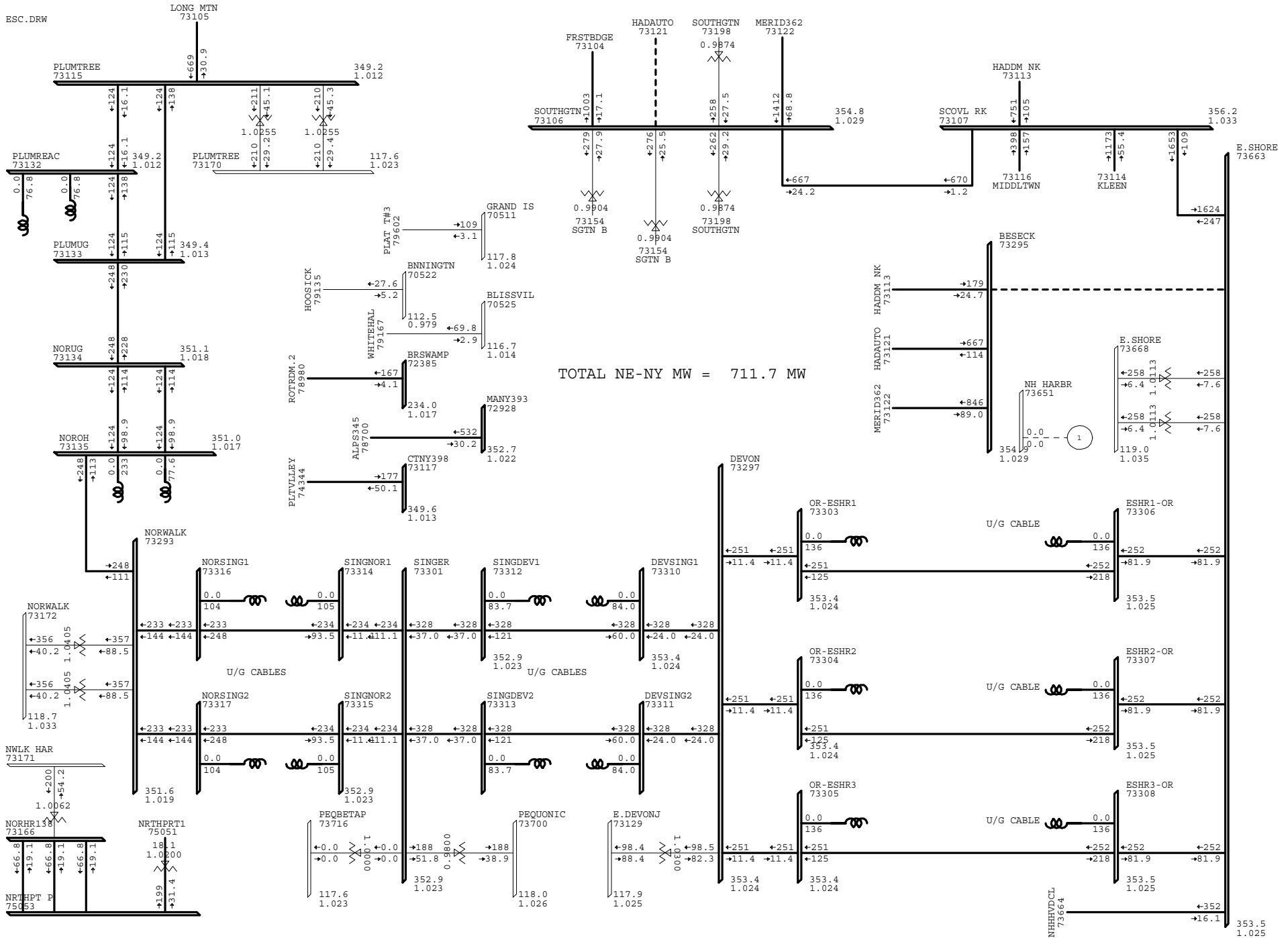


ESC277-13D, NO BESECK-ESHORE, 27.7 GW, DISP 13, NE-NY 700
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NHHS ON
 MON, JUN 07 2004 21:42

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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

ESC.DRW



TOTAL NE-NY MW = 711.7 MW

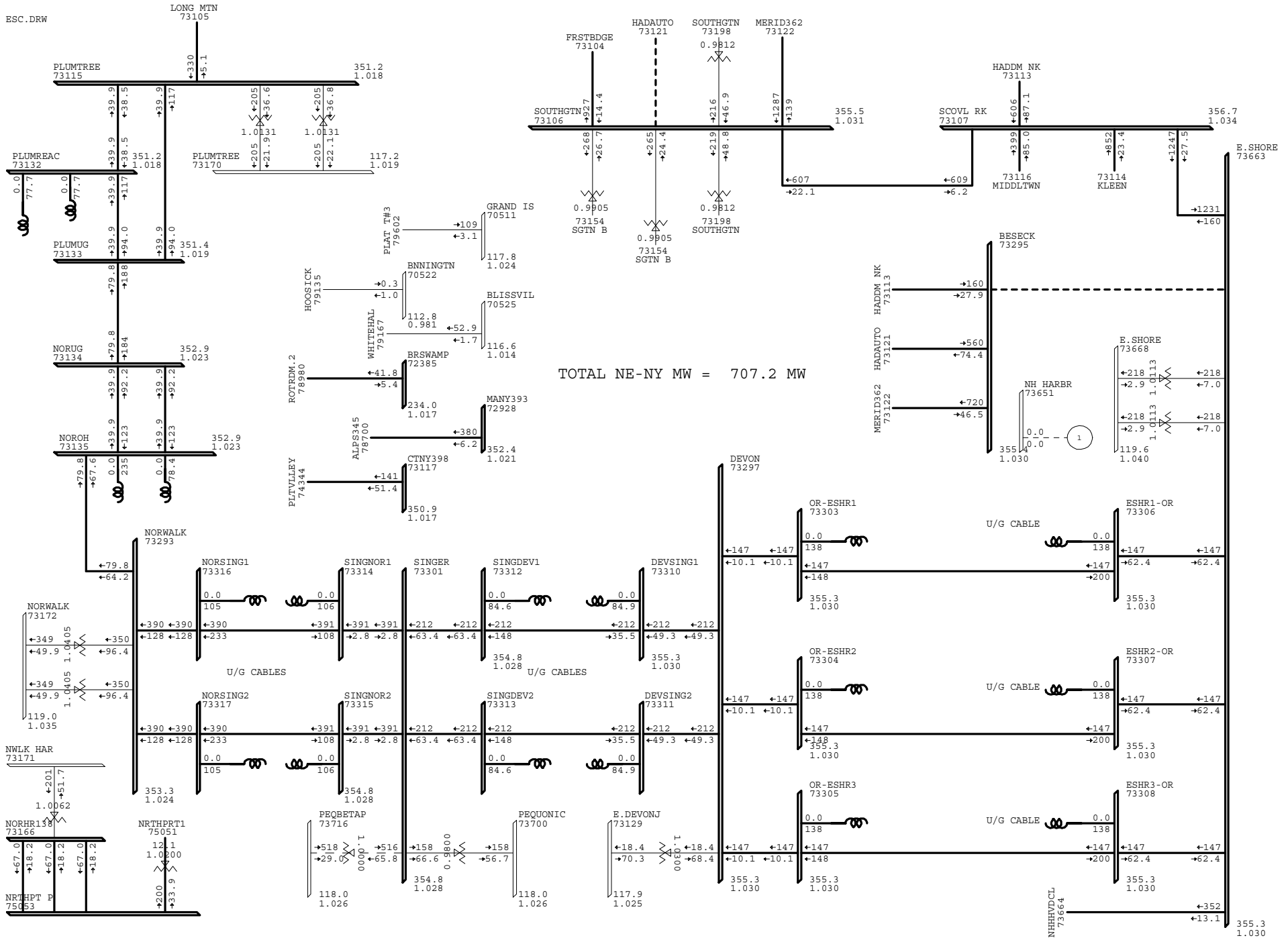


ESC277-14D, NO BESECK-ESHORE, 27.7 GW, DISP 14, NE-NY 700
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NHHS OFF
 MON, JUN 07 2004 21:42

100% RATEA
 0.950 UV 1.050 OV
 KV: ≤115

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

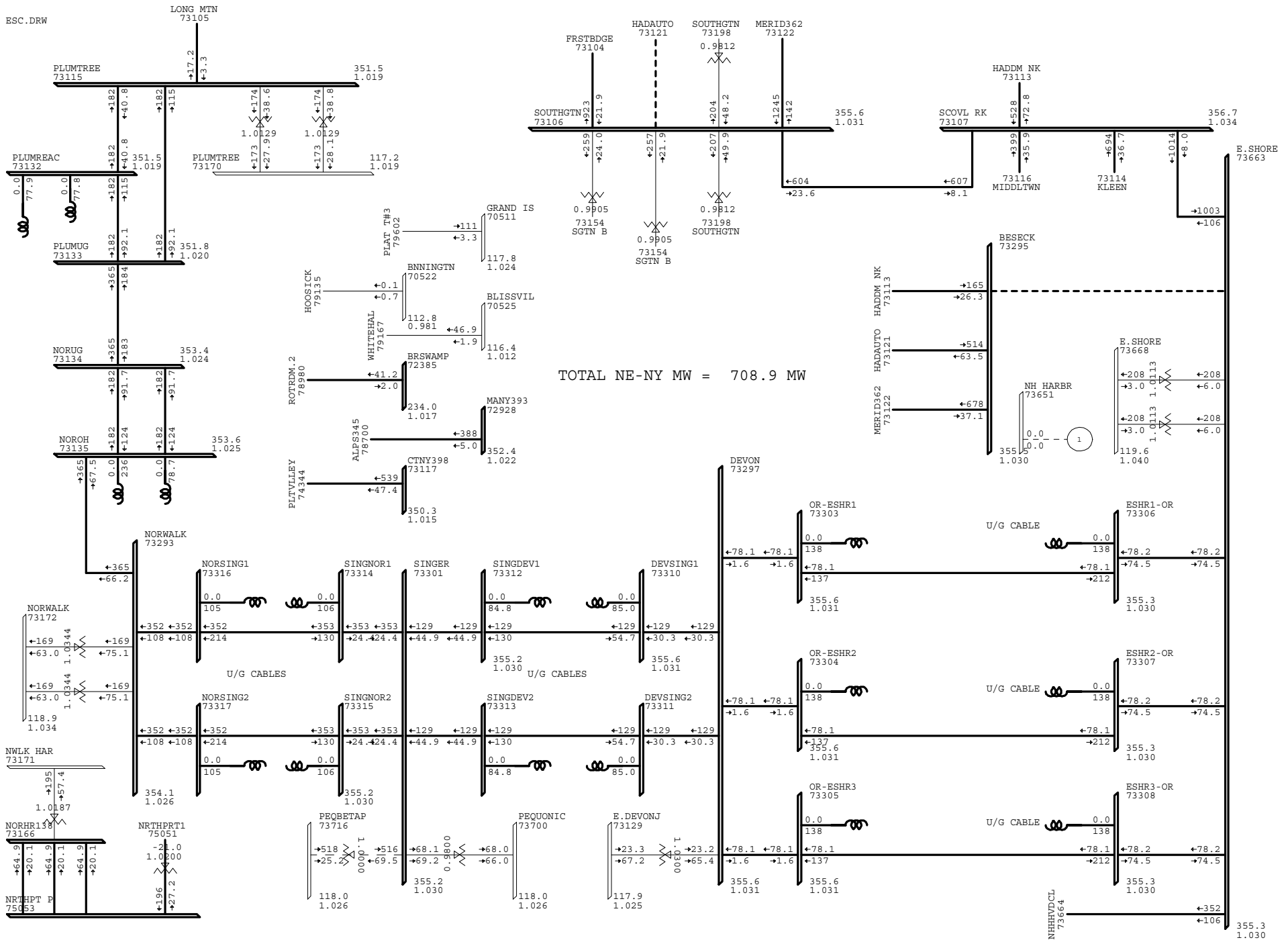
353.5
1.025



ESC277-15D, NO BESECK-ESHORE, 27.7 GW, DISP 15, NE-NY 700
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NHHS OFF
 MON, JUN 07 2004 21:42

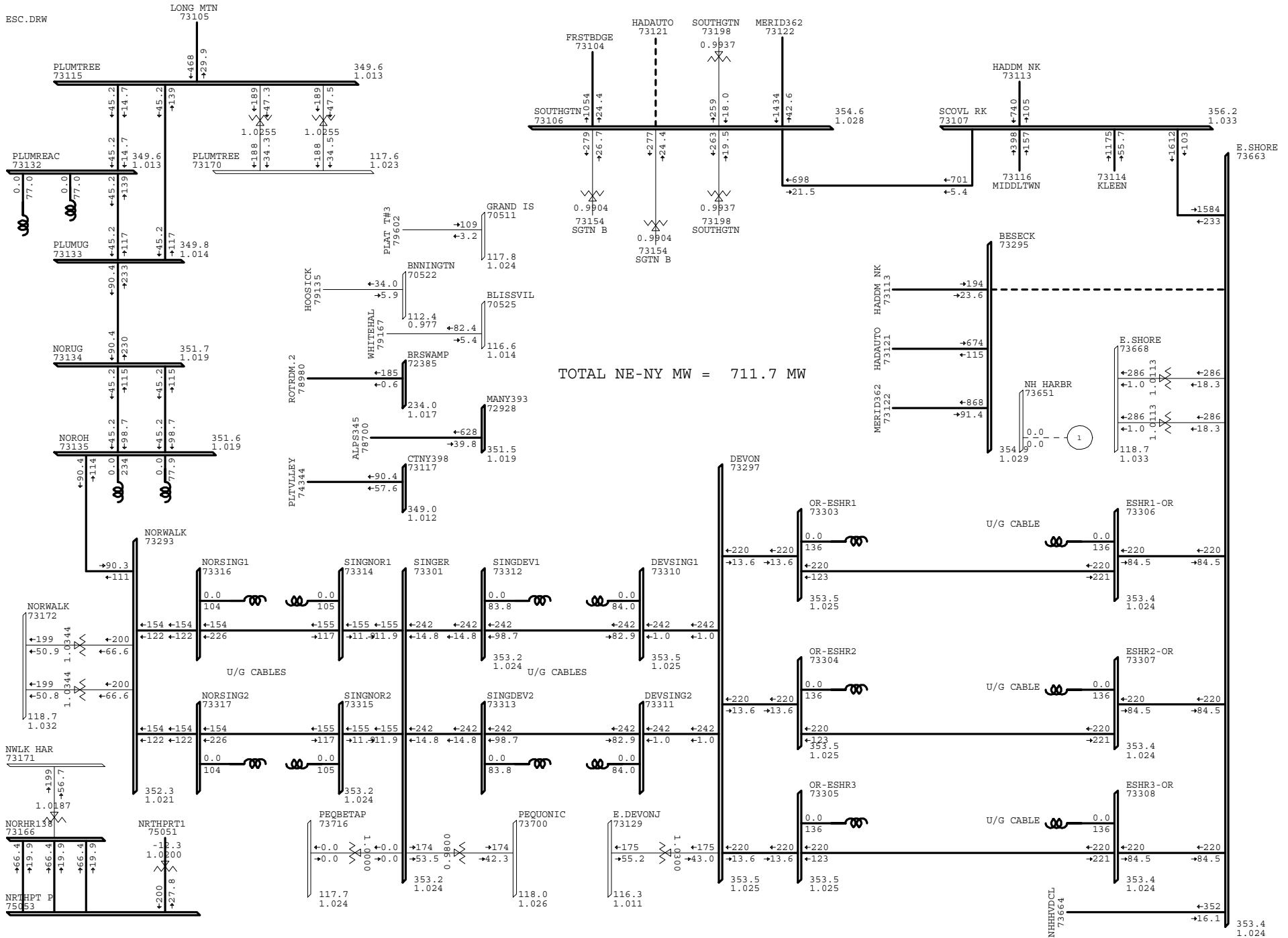
100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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



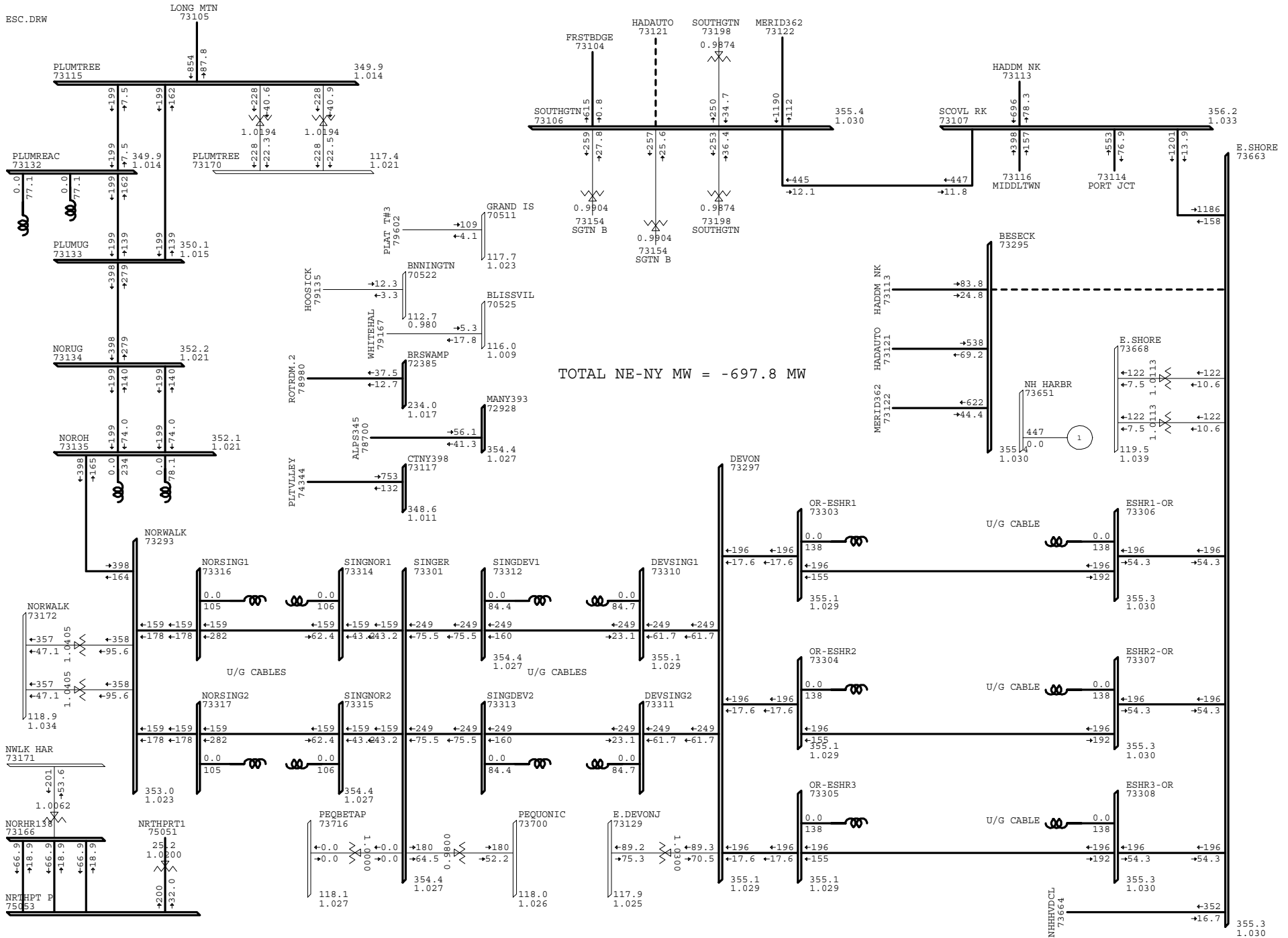
TOTAL NE-NY MW = 708.9 MW





TOTAL NE-NY MW = 711.7 MW





TOTAL NE-NY MW = -697.8 MW

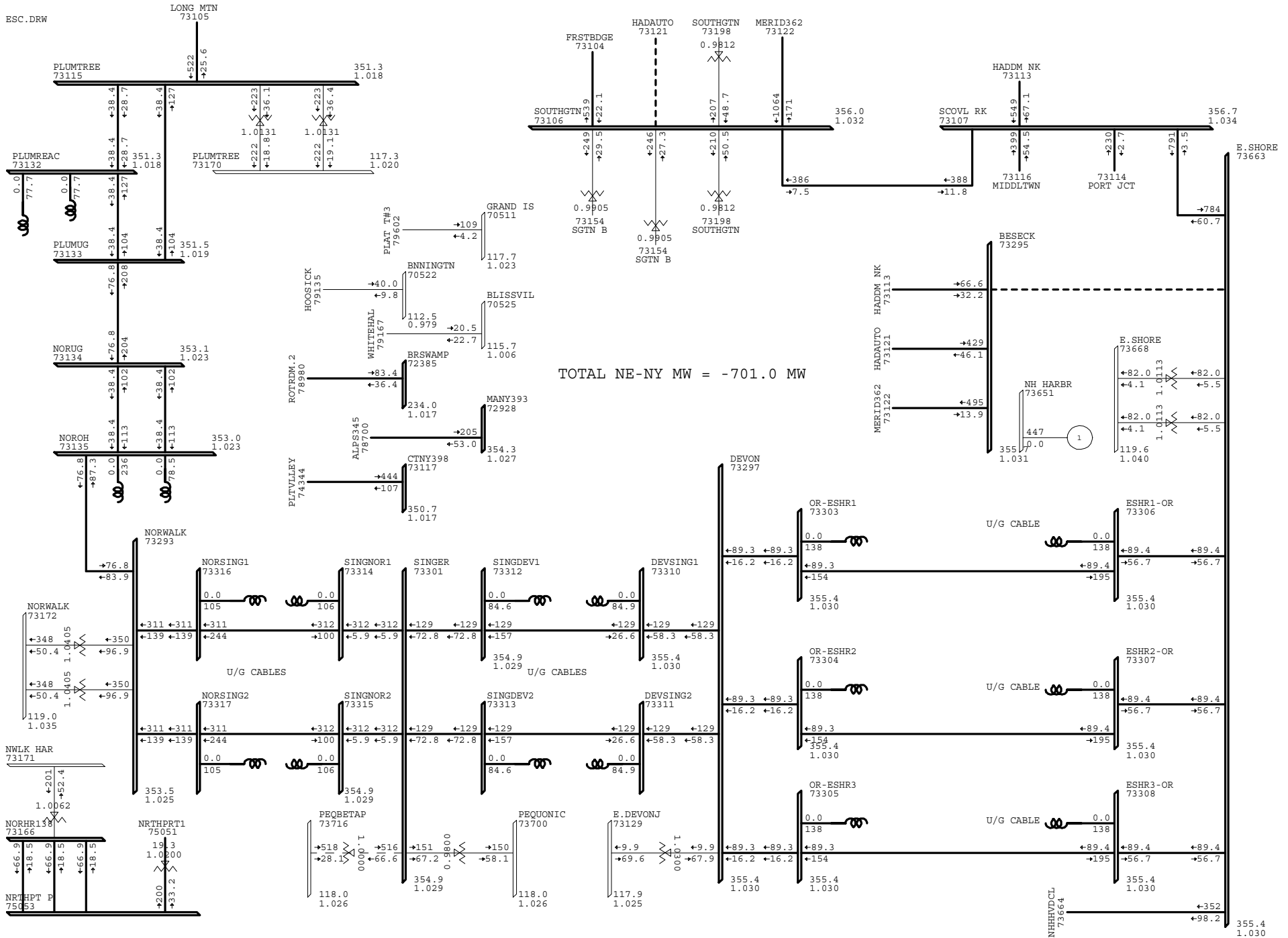


ESC277-18D, NO BESECK-ESHORE, 27.7 GW, DISP 18, NY-NE 700
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NHHS ON
 MON, JUN 07 2004 21:42

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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

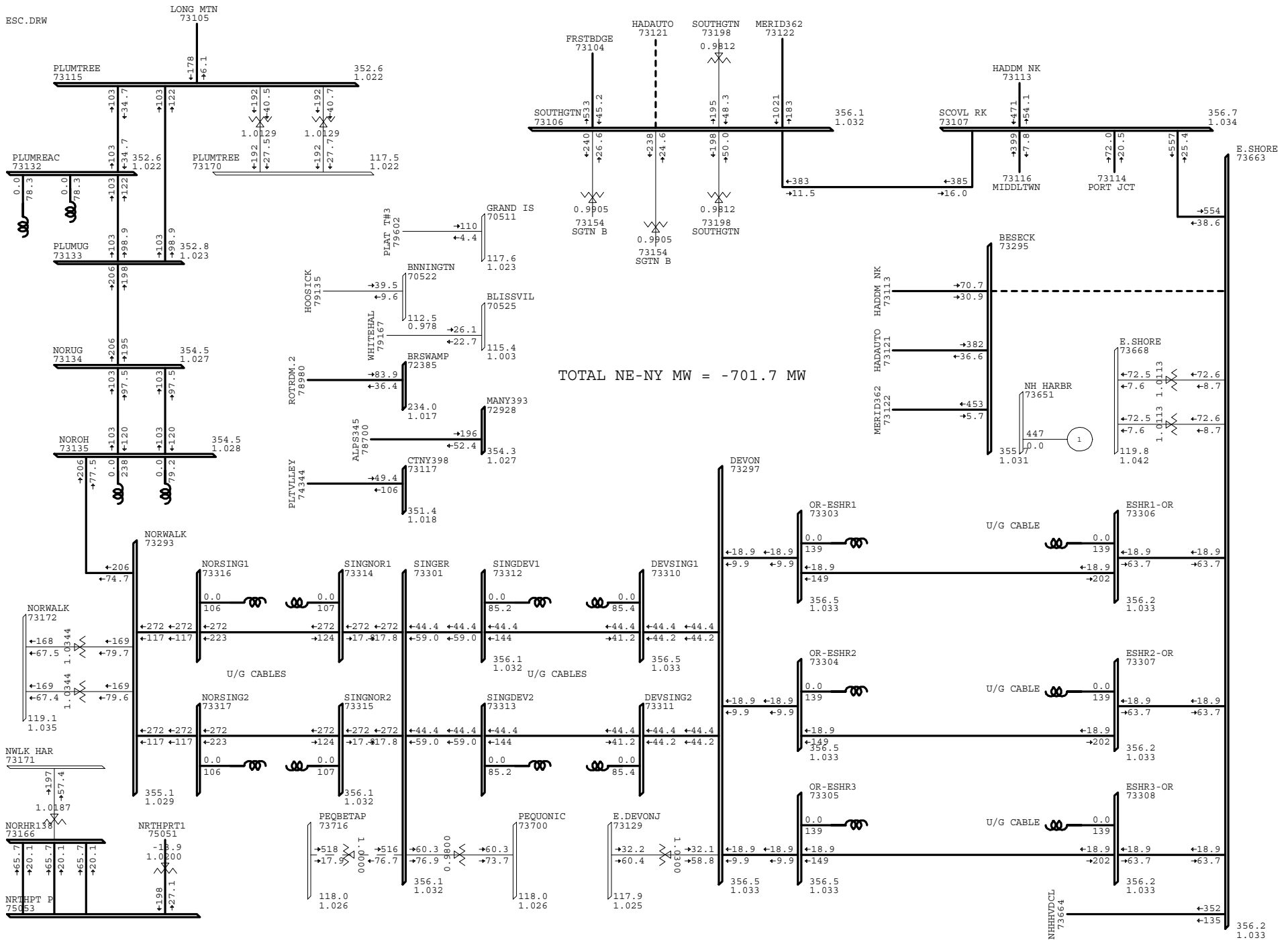
355.3
1.030



ESC277-19D, NO BESECK-ESHORE, 27.7 GW, DISP 19, NY-NE 700
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NHHS ON
 MON, JUN 07 2004 21:42

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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



TOTAL NE-NY MW = -701.7 MW

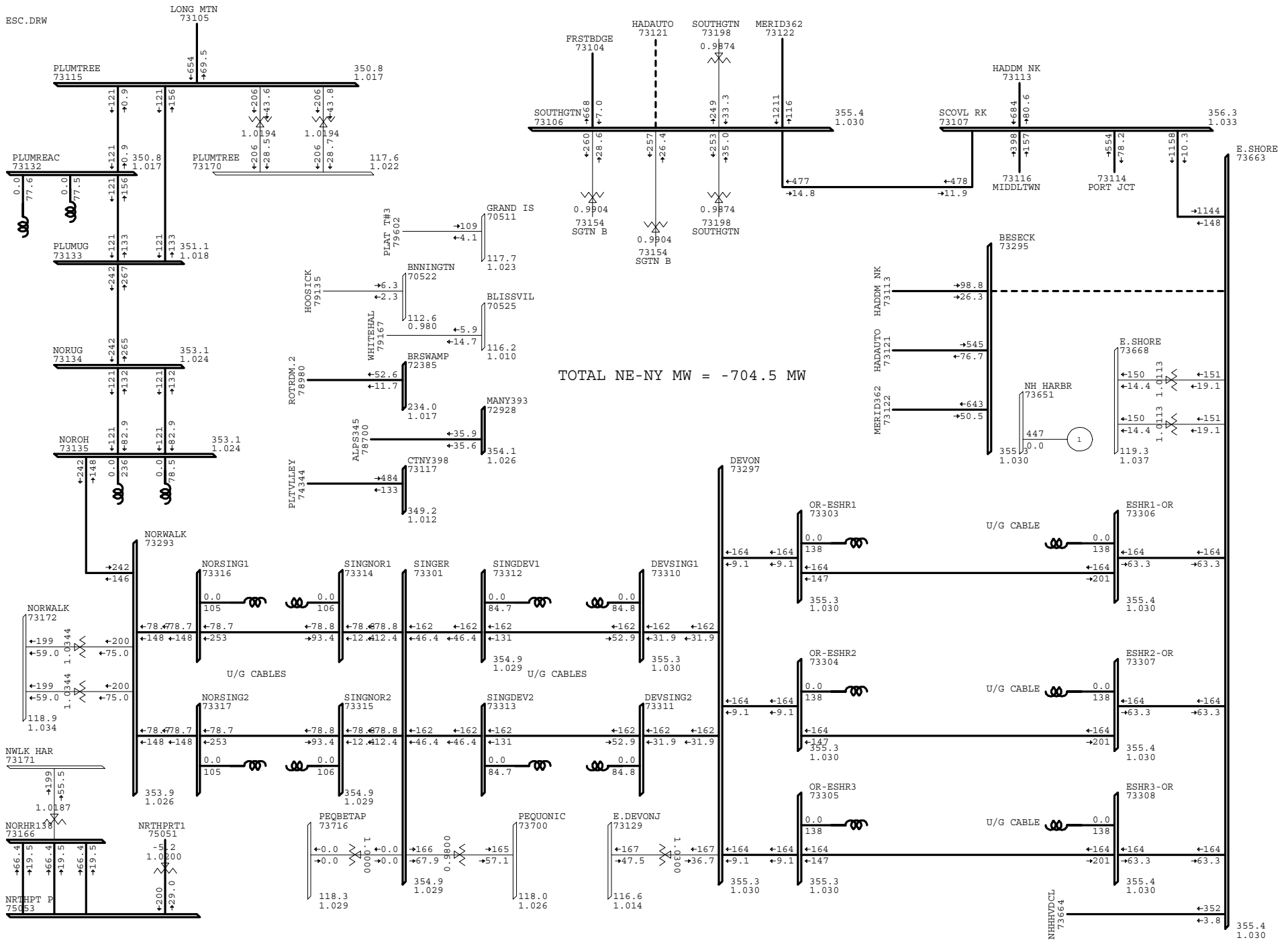


ESC277-20D, NO BESECK-ESHORE, 27.7 GW, DISP 20, NY-NE 700
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NHHS ON
 MON, JUN 07 2004 21:42

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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

356.2
1.033

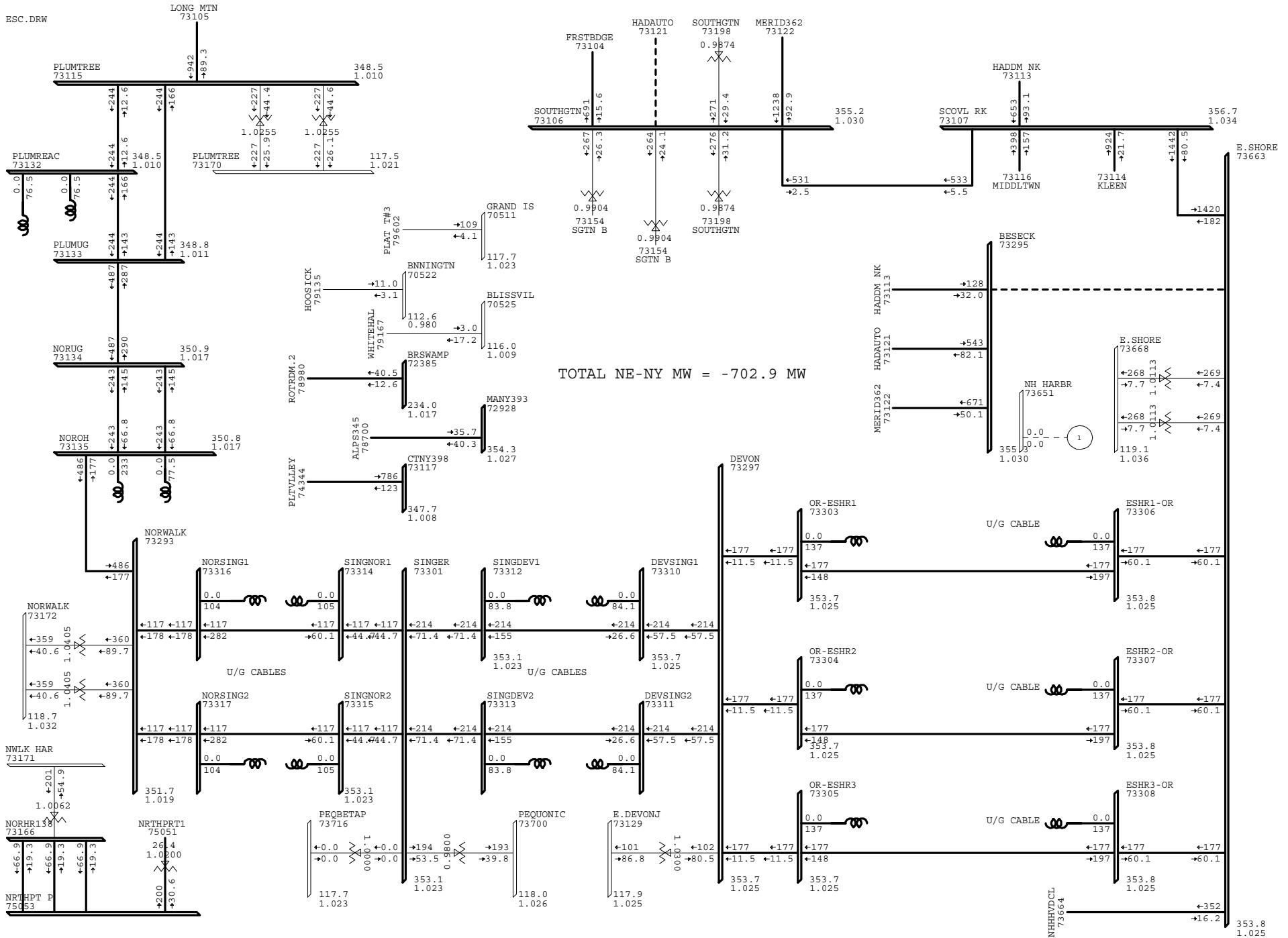


TOTAL NE-NY MW = -704.5 MW

ESC277-21D, NO BESECK-ESHORE, 27.7 GW, DISP 21, NY-NE 700
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NHHS ON
 MON, JUN 07 2004 21:42

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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

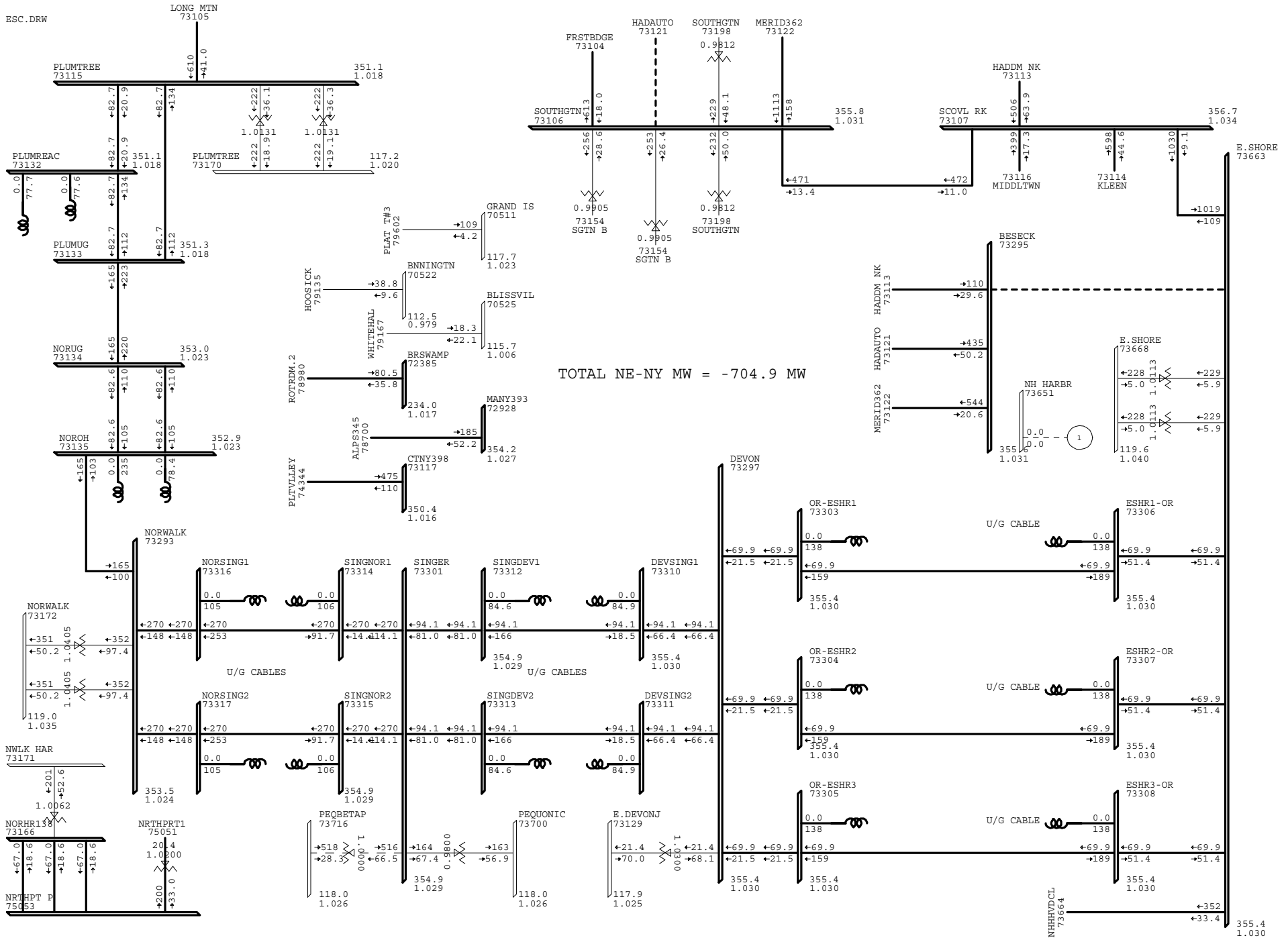


TOTAL NE-NY MW = -702.9 MW

ESC277-22D, NO BESECK-ESHORE, 27.7 GW, DISP 22, NY-NE 700
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NHHS OFF
 MON, JUN 07 2004 21:42

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

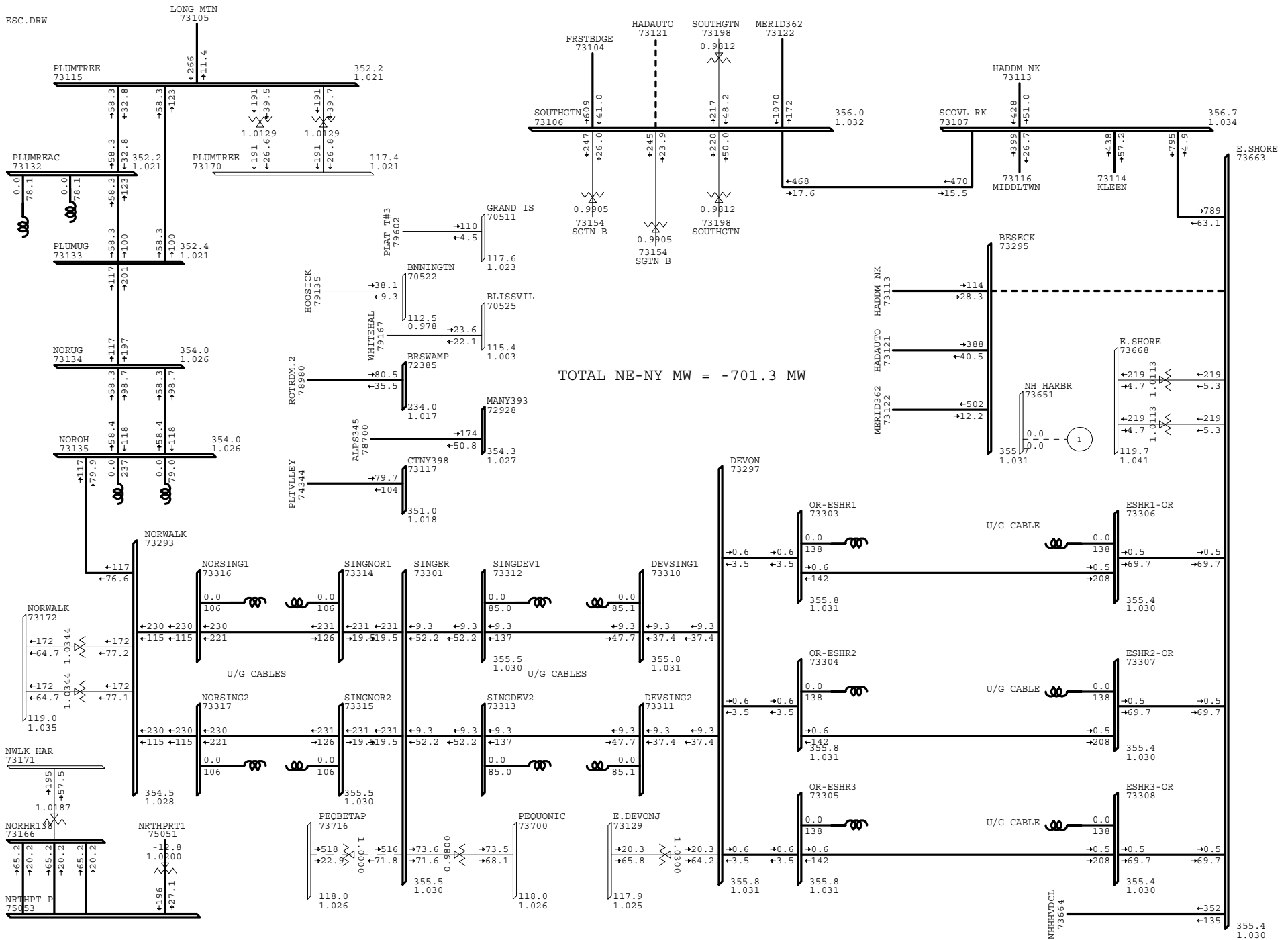
BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



ESC277-23D, NO BESECK-ESHORE, 27.7 GW, DISP 23, NY-NE 700
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NHHS OFF
 MON, JUN 07 2004 21:42

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

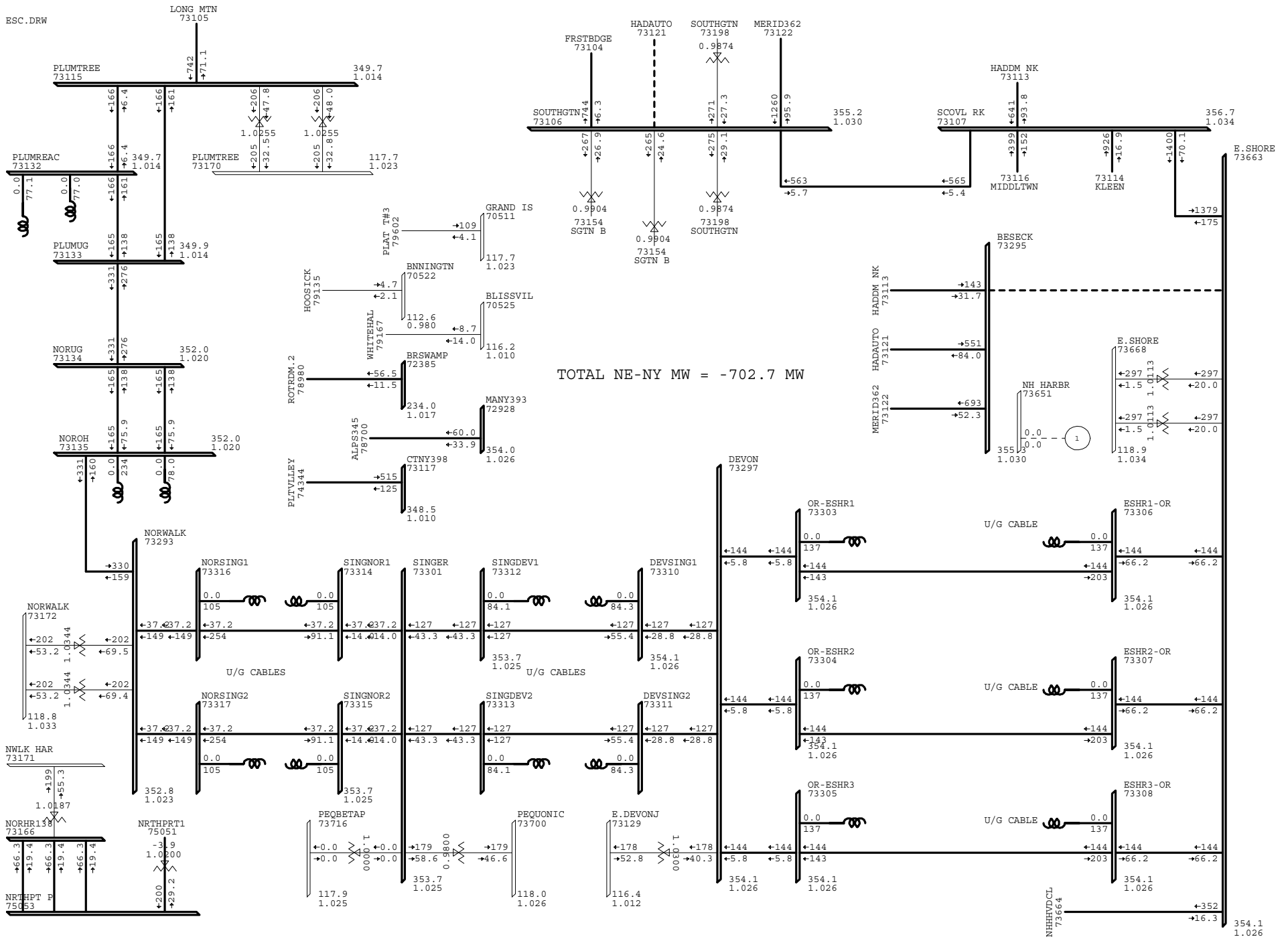
BUS - VOLTAGE (KV/PU)
 BRANCH - MW/MVAR
 EQUIPMENT - MW/MVAR



ESC277-24D, NO BESECK-ESHORE, 27.7 GW, DISP 24, NY-NE 700
 PH1-XP, PH2 NOR-ESH U/G, 387&329 RECON, NHHS OFF
 MON, JUN 07 2004 21:42

100% RATEA
0.950 UV 1.050 OV
 KV: ≤115

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



TOTAL NE-NY MW = -702.7 MW

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 387 & 329 Lines Reconductored (Genessee)
Beseck Switching Station without East Shore to Beseck Line
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
OPEN LINE FROM BUS 73194 TO BUS 73170 CKT 1
END

/Newtown-Plumtree

CONTINGENCY 1760+1876LNS
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

/Stevenson-SandyHook-Newtown-Plumtree

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

/Stevenson-SandyHook-Newtown

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
```

```
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 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

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 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 MLLRVRTSTK
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 SASOCR1T

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 SNAUGA1T
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 STEVENSSTK
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
```

```
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 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 /revised further for ESA 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

CONTINGENCY SGTN7TSTK /added by Manos
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

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 * removed for ESC series cases
/OPEN LINE FROM BUS 73663 TO BUS 73295 CKT 1
/END

/contingency ESHrstuck_new * removed for ESC series cases
/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 * removed for ESC series cases
/OPEN LINE FROM BUS 73122 TO BUS 73295 CKT 1
/OPEN LINE FROM BUS 73663 TO BUS 73295 CKT 1
/END

/ set of contingencies to trip 387 without tripping the CSC --- added by Manos

CONTINGENCY 387LINE_ESA_config /* revised for Phase 2/further revised by Manos
OPEN LINE FROM BUS 73107 TO BUS 73663 CKT 1
/DISCONNECT BUS 73664
/DISCONNECT BUS 73665
/DISCONNECT BUS 75073
END

```
CONTINGENCY 1460-387DCT_ESA_config /* revised for Phase 2/further revised by Manos
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 SCOVK5TSTK_ESA_config /* revised for Phase 2/further revised by Manos
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 SCOVK8TSTK_ESA_config /* revised for Phase 2/further revised and deleted by Manos
/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
```

ENDB

```
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 387 & 329 Lines Reconductored (Genessee)
Beseck Switching Station without East Shore to Beseck Line
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 and 329 Lines Reconductored with Genessee Conductor
 - Beseck Switching Station Added
 - 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	2D	3D (1)	4D (1)	5D (1)	6D	7D	8D	9D
NE-NY 700 (5)	10D	11D (2)	12D (2)	13D (2)	14D	15D	16D	17D
NY-NE 700 (5)	18D	19D (3)	20D (3)	21D (3)	22D	23D	23D	24D

Notes:

1. For these dispatches only New England generation differences with dispatch 2D are shown.
2. For these dispatches only New England generation differences with dispatch 10D are shown.
3. For these dispatches only New England generation differences with dispatch 18D 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 "D" suffix in the dispatch IDs indicates that the 387 line (East Shore to Scovill Road 345) and 329 line (Frost Bridget to Southington 345) are modeled with a reconductor using Genessee conductor.

SWCT Transmission Expansion:
East Shore to Norwalk, with 387 & 329 Lines Reconductored (Genessee)
Beseck Switching Station without East Shore to Beseck Line
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 387 & 329 Lines Reconductored (Genessee)
Beseck Switching Station without East Shore to Beseck Line
Transmission Loading and Voltage Analysis, NE-NY ± 700 MW and 0 MW

Dispatches 2D – 5D

New England Generation for Dispatch 2D (NE-NY 0 MW) ESC 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	41.3	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	118.1	150	-100	1.038	1.038	70785
71096	ANPBLCK2	21	1	0	2	290	118.1	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	-4.4	8	-8	1.03	1.03	73378
70628	BAY 34.5	34.5	1	0	-2	2.5	0	0	0	1.014	0.9982	
70414	BC BUS 1	11.5	1	0	-2	6	0	0	0	1	1.0134	
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	1.0219	
73188	BCNFL PF	115	3	0	-2	3.4	0	0	0	1	0.9995	
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	0.9962	71832
71855	BELWS G2	6.9	1	0	-2	10.6	5.8	5.8	-5.8	1	0.9962	71832
71856	BELWS G3	6.9	1	0	-2	10.6	5.8	5.8	-5.8	1	0.9962	71832
72986	BERKPWR	13.8	1	0	2	305	43.5	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	78.3	120	-37	1.0261	1.0261	72252
72375	BP #2 GN	18	2	0	2	241	78.3	117	-32	1.0261	1.0261	72252
72370	BP #3 GN	20	1	0	2	605	53.8	265	-225	1.0377	1.0377	71801
73648	BPTHBR#3	22	1	0	2	375	4.9	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	1.0028	
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	1.0133	
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	0.9999	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 2D (NE-NY 0 MW) ESC 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	1.0429	
73548	CRRA PF	11.5	1	0	-2	32	0	34	0	1	1.0429	
73650	CRRRA PF	13.8	1	0	-2	57	30	30	-36	1	0.9763	
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	1.2	2	0	1.03	1.03	
73553	DEVON#7	13.8	1	0	2	106	14.2	47	-19	1.026	1.026	73195
73554	DEVON#8	13.8	1	0	2	106	14.2	47	-20	1.026	1.026	73195
73539	DEXTR PF	13.8	2	0	2	38	7.5	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	0.9872	
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	0.9696	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	1.0296	
72666	FRSQ SC1	11.5	1	0	-2	42.6	-5	27	-5	0.9913	0.9914	
72667	FRSQ SC2	11.5	1	0	-2	42.6	-5	27	-5	0.9913	0.9915	
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	-79.1	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	1.0411	
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 2D (NE-NY 0 MW) ESC 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	5.9	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	1.0159	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	0.9983	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	53.3	174	-90	1.035	1.035	73119
73566	LAKERD#2	21	1	0	2	280	53.3	174	-90	1.035	1.035	73119
73567	LAKERD#3	21	1	0	2	280	53.3	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	1.3	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	0.9877	
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	1.0369	
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	1.0299	72569
72662	MANCH10A	13.8	1	0	-2	119	35	35	-32	1.035	1.0299	72569
72663	MANCH11A	13.8	1	0	-2	119	35	35	-32	1.035	1.0299	72569
73069	MAPR1 PF	13.8	1	0	-2	56	47	47	-32	1.035	1.0303	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	31.5	130	-30	1.03	1.03	73122
73589	MERIDEN2	21	1	0	2	195	31.5	130	-30	1.03	1.03	73122
73590	MERIDEN3	21	1	0	2	196	31.5	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	71.3	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 2D (NE-NY 0 MW) ESC 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	34.7	54	-20	1.026	1.026	73241
73556	MIDDTN#3	22	1	0	2	233	34.7	87	-37	1.026	1.026	73241
73557	MIDDTN#4	22	1	0	-2	400	200	200	-90	1.034	1.0303	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	139.2	150	-40	1.026	1.026	73125
73562	MILL#2	24	1	0	2	860	111.6	420	0	1.035	1.035	73110
73563	MILL#3	24	1	0	2	1140	111.6	520	0	1.035	1.035	73110
72243	MILLENCT	16	1	0	2	273	45.3	125	-90	1.0174	1.0174	72117
72244	MILLENST	13.8	1	0	2	117	20.4	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	18.3	27	0	1.035	1.035	73109
73559	MONTV#6	22	1	0	2	402	93.2	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	151.6	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	151.6	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	0	175	0	1.035	1.038	73668
73665	NHHHVDCL	192	1	0	-2	-351.5	72	72	-72	1.03	1.0289	73664
73083	NRTHFD12	13.8	2	0	2	540	155.1	160	-80	1.041	1.041	72926
73084	NRTHFD34	13.8	2	0	2	540	155.1	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	1.009	
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	206.3	340	-100	1.038	1.038	70783

New England Generation for Dispatch 2D (NE-NY 0 MW) ESC 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	1.0215	
73541	ROCK RIV	13.8	1	0	-2	25	0	10	0	0.974	1.0214	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	0.9832	
73352	SANDH DB	0.48	1	0	2	0	1.7	8	-8	1.043	1.043	73375
73353	SANDH DC	0.48	1	0	2	0	1.7	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	268.3	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	1.0059	
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	1.0223	
72520	SHERMAN1	2.4	1	0	-2	5	-1	2	-1	1	1.0173	72401
71681	SHRWS DG	13.8	1	0	2	10	6.4	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	1.0019	
73546	SMEAD PF	23	2	0	-2	13	0	4	0	1.03	1.0311	
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	12.3	30	-8	1.043	1.043	
72930	STNYBK1A	13.8	1	0	2	65	11.2	30	-8	1.043	1.043	
72931	STNYBK1B	13.8	1	0	2	65	11.2	30	-8	1.043	1.043	
72932	STNYBK1C	13.8	1	0	2	65	11.2	30	-8	1.043	1.043	
72934	STNYBK2A	13.8	1	0	2	65	11.2	30	-8	1.043	1.043	
72935	STNYBK2B	13.8	1	0	2	65	11.2	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	0.9823	

New England Generation for Dispatch 2D (NE-NY 0 MW) ESC 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	3	0	1	1.0006	
72822	TURKY PF	34.5	1	0	-2	2	0	0	0	1	1.021	
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	1.0164	
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	WELLSRV	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	105	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	0.9872	72098
72813	WHOPK PF	34.5	1	0	-2	9	0	0	0	1	1.0075	
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	1.0304	
73459	WNDSRLK	27.6	1	0	-2	8	2	2	2	1	1.0356	
72956	WOODLAND	115	1	0	-2	17	2	2	2	1	1.0167	
73080	WSPFLD 3	13.8	1	0	2	107	15.9	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 2D to Dispatch 3D (ESC Series Cases)										
Number	Name	BasVlt	Dispatch 2D		Dispatch 3D		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	105	23.4	102.5	28.2	-2.6	2.4	4.8	20.6
71095	ANPBLCK1	21	290	118.1	0	0	-290	100	-118.1	100
72513	BRSWP G2	13.8	294	49.8	0	0	-294	100	-49.8	100
73575	MILFD#2	13.8	0	0	280	78.2	280	999.9	78.2	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	7.8	51	999.9	7.8	999.9
73652	BE 11	16	0	0	170	38.9	170	999.9	38.9	999.9
73653	BE 12	16	0	0	170	38.9	170	999.9	38.9	999.9
73654	BE 10 ST	16	0	0	180	38.9	180	999.9	38.9	999.9

NE Generation Changes from Dispatch 2D to Dispatch 4D (ESC Series Cases)										
Number	Name	BasVlt	Dispatch 2D		Dispatch 4D		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	105	23.4	76.8	36.6	-28.2	26.9	13.2	56.4
71095	ANPBLCK1	21	290	118.1	0	0	-290	100	-118.1	100
72513	BRSWP G2	13.8	294	49.8	0	0	-294	100	-49.8	100
72867	MERMK G2	24	320	71.3	0	0	-320	100	-71.3	100
73551	NORHAR#1	18	0	0	161	-33	161	999.9	-33	999.9
73552	NORHAR#2	20	0	0	168	-33	168	999.9	-33	999.9
73575	MILFD#2	13.8	0	0	280	76.8	280	999.9	76.8	999.9
73594	WALL LV1	13.8	0	0	102	10.8	102	999.9	10.8	999.9
73595	WALL LV2	13.8	0	0	102	10.8	102	999.9	10.8	999.9
73596	WALL LV3	13.8	0	0	51	7.5	51	999.9	7.5	999.9
73652	BE 11	16	0	0	170	36.2	170	999.9	36.2	999.9
73653	BE 12	16	0	0	170	36.2	170	999.9	36.2	999.9
73654	BE 10 ST	16	0	0	180	36.2	180	999.9	36.2	999.9

NE Generation Changes from Dispatch 2D to Dispatch 5D (ESC Series Cases)										
Number	Name	BasVlt	Dispatch 2D		Dispatch 5D		Change			
			MW	MVAR	MW	MVAR	MW	%	MVAR	%
70368	WF WY #4	22	105	23.4	258	30.9	152.9	145.6	7.5	32.1
73551	NORHAR#1	18	0	0	161	-29.5	161	999.9	-29.5	999.9
73552	NORHAR#2	20	0	0	168	-29.5	168	999.9	-29.5	999.9
73553	DEVON#7	13.8	106	14.2	0	0	-106	100	-14.2	100
73554	DEVON#8	13.8	106	14.2	0	0	-106	100	-14.2	100
73574	MILFD#1	13.8	280	139.2	0	0	-280	100	-139.2	100

SWCT Transmission Expansion:
East Shore to Norwalk, with 387 & 329 Lines Reconductored (Genessee)
Beseck Switching Station without East Shore to Beseck Line
Transmission Loading and Voltage Analysis, NE-NY ± 700 MW and 0 MW

Dispatches 10D – 13D

New England Generation for Dispatch 10D (NE-NY 700 MW) ESC 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	50.3	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	21.3	26	0	1.035	1.035	72983
73073	ALT34 PF	13.8	2	0	2	80.5	21.3	33	0	1.035	1.035	72983
71095	ANPBLCK1	21	1	0	2	290	114.4	150	-100	1.038	1.038	70785
71096	ANPBLCK2	21	1	0	2	290	114.4	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	-4.4	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	0.9995	
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	53.4	150	-40	1.02	1.02	72977
70691	BOLTONFL	34.5	1	0	-2	2	0	2	0	1	1.0177	
72064	BOOTMIL	13.8	1	0	-2	7.2	0	10	0	1	1.0432	
72372	BP #1 GN	18	2	0	2	238	79.9	120	-37	1.0261	1.0261	72252
72375	BP #2 GN	18	2	0	2	241	79.9	117	-32	1.0261	1.0261	72252
72370	BP #3 GN	20	1	0	2	605	54.6	265	-225	1.0377	1.0377	71801
73648	BPTHBR#3	22	1	0	2	375	9.3	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	38.5	145	-75	1.0174	1.0174	72385
72513	BRSWP G2	13.8	1	0	2	294	38.5	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	1.0027	
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	0.9975	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 10D (NE-NY 700 MW) ESC 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	1.0404	
73548	CRRA PF	11.5	1	0	-2	32	0	34	0	1	1.0404	
73650	CRRRA PF	13.8	1	0	-2	57	30	30	-36	1	0.9763	
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	1.2	2	0	1.03	1.03	
73553	DEVON#7	13.8	1	0	2	106	17.5	47	-19	1.026	1.026	73195
73554	DEVON#8	13.8	1	0	2	106	17.5	47	-20	1.026	1.026	73195
73539	DEXTR PF	13.8	2	0	2	38	8.3	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	1.0119	
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	0.9898	
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	1.8	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	-3	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	-77.4	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 10D (NE-NY 700 MW) ESC 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	1.0152	
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	70.2	174	-90	1.035	1.035	73119
73566	LAKERD#2	21	1	0	2	280	70.2	174	-90	1.035	1.035	73119
73567	LAKERD#3	21	1	0	2	280	70.2	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	0.9901	
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	1.0293	72569
72662	MANCH10A	13.8	1	0	-2	119	35	35	-32	1.035	1.0293	72569
72663	MANCH11A	13.8	1	0	-2	119	35	35	-32	1.035	1.0293	72569
73069	MAPR1 PF	13.8	1	0	-2	56	47	47	-32	1.035	1.029	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	54.9	130	-30	1.03	1.03	73122
73589	MERIDEN2	21	1	0	2	195	54.9	130	-30	1.03	1.03	73122
73590	MERIDEN3	21	1	0	2	196	54.9	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 10D (NE-NY 700 MW) ESC 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	34.9	54	-20	1.026	1.026	73241
73556	MIDDTN#3	22	1	0	2	233	34.9	87	-37	1.026	1.026	73241
73557	MIDDTN#4	22	1	0	-2	400	200	200	-90	1.034	1.0281	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	142.1	150	-40	1.026	1.026	73125
73562	MILL#2	24	1	0	2	860	137.8	420	0	1.035	1.035	73110
73563	MILL#3	24	1	0	2	1140	137.8	520	0	1.035	1.035	73110
72243	MILLENCT	16	1	0	2	273	46.9	125	-90	1.0174	1.0174	72117
72244	MILLENST	13.8	1	0	2	117	21.1	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	22.3	27	0	1.035	1.035	73109
73559	MONTV#6	22	1	0	2	402	113.5	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	1.0054	
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	149.5	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	149.5	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	0	175	0	1.035	1.037	73668
73665	NHHHVDCL	192	1	0	-2	-351.5	72	72	-72	1.03	1.0277	73664
73083	NRTHFD12	13.8	2	0	-2	540	160	160	-80	1.041	1.0397	72926
73084	NRTHFD34	13.8	2	0	-2	540	160	160	-80	1.041	1.0397	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	1.0076	
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 10D (NE-NY 700 MW) ESC 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	178	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	1.0464	
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	1.0214	
73541	ROCK RIV	13.8	1	0	-2	25	0	10	0	0.974	1.0214	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	1.7	8	-8	1.043	1.043	73375
73353	SANDH DC	0.48	1	0	2	0	1.7	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	274.8	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	1.0086	
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	1.0223	
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	2.1	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	13.2	30	-8	1.043	1.043	
72930	STNYBK1A	13.8	1	0	2	65	12	30	-8	1.043	1.043	
72931	STNYBK1B	13.8	1	0	2	65	12	30	-8	1.043	1.043	
72932	STNYBK1C	13.8	1	0	2	65	12	30	-8	1.043	1.043	
72934	STNYBK2A	13.8	1	0	2	65	12	30	-8	1.043	1.043	

New England Generation for Dispatch 10D (NE-NY 700 MW) ESC 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	12	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	1.0193	71739
71744	TAUNT G9	13.8	1	0	-2	85	52	52	0	1.0261	1.0193	71739
72842	TILTN PH	34.5	1	0	-2	0.9	0	0	0	1.03	1.0009	
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	1.0033	
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	1.0058	
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	96	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	1.0293	
73459	WNSRSLK	27.6	1	0	-2	8	2	2	2	1	1.0331	
72956	WOODLAND	115	1	0	-2	17	2	2	2	1	1.0172	
73080	WSPFLD 3	13.8	1	0	2	107	20	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 10D to Dispatch 11D (ESC Series Cases)										
Number	Name	BasVlt	Dispatch 10D		Dispatch 11D		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	9.5
70911	EDG ST1	18	305	15.3	290.8	15.7	-14.2	4.7	0.4	2.7
71095	ANPBLCK1	21	290	114.4	0	0	-290	100	-114.4	100
72513	BRSWP G2	13.8	294	38.5	0	0	-294	100	-38.5	100
73575	MILFD#2	13.8	0	0	280	78.8	280	999.9	78.8	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 10D to Dispatch 12D (ESC Series Cases)										
Number	Name	BasVlt	Dispatch 10D		Dispatch 12D		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	26.8	-28.2	26.9	9.5	55.1
70911	EDG ST1	18	305	15.3	282	16.5	-23	7.5	1.2	7.9
71095	ANPBLCK1	21	290	114.4	0	0	-290	100	-114.4	100
72513	BRSWP G2	13.8	294	38.5	0	0	-294	100	-38.5	100
72867	MERMK G2	24	320	74.2	0	0	-320	100	-74.2	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	78.5	280	999.9	78.5	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	7.8	51	999.9	7.8	999.9
73652	BE 11	16	0	0	170	37.1	170	999.9	37.1	999.9
73653	BE 12	16	0	0	170	37.1	170	999.9	37.1	999.9
73654	BE 10 ST	16	0	0	180	37.1	180	999.9	37.1	999.9

NE Generation Changes from Dispatch 10D to Dispatch 13D (ESC Series Cases)										
Number	Name	BasVlt	Dispatch 10D		Dispatch 13D		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	-28.3	161	999.9	-28.3	999.9
73552	NORHAR#2	20	0	0	168	-28.3	168	999.9	-28.3	999.9
73553	DEVON#7	13.8	106	17.5	0	0	-106	100	-17.5	100
73554	DEVON#8	13.8	106	17.5	0	0	-106	100	-17.5	100
73574	MILFD#1	13.8	280	142.1	0	0	-280	100	-142.1	100

SWCT Transmission Expansion:
East Shore to Norwalk, with 387 & 329 Lines Reconductored (Genessee)
Beseck Switching Station without East Shore to Beseck Line
Transmission Loading and Voltage Analysis, NE-NY ± 700 MW and 0 MW

Dispatches 18D – 21D

New England Generation for Dispatch 18D (NY-NE 700 MW) ESC 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	32.2	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	-4.6	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	1.0012	
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	32.4	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	-0.3	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	58.8	145	-75	1.0174	1.0174	72385
72513	BRSWP G2	13.8	1	0	2	294	58.8	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	1.0041	
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	1.0166	
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	1.003	73279
70597	CAVDH 46	46	1	0	-2	0.4	0.2	0.2	-0.1	0.965	0.9574	
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 18D (NY-NE 700 MW) ESC 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	1.0461	
73548	CRRA PF	11.5	1	0	-2	32	0	34	0	1	1.0461	
73650	CRRRA PF	13.8	1	0	-2	57	30	30	-36	1	0.9763	
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	0	1.03	1.03	
73553	DEVON#7	13.8	1	0	2	106	10.9	47	-19	1.026	1.026	73195
73554	DEVON#8	13.8	1	0	2	106	10.9	47	-20	1.026	1.026	73195
73539	DEXTR PF	13.8	2	0	2	38	6.5	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	1	72436
72517	DRFLD 5G	13.8	2	0	-2	5	-1	4	-1	1	1.0219	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	1.0106	
70693	ESX-STAT	3.2	1	0	2	0	15.8	75	-75	1.01	1.01	70512
73281	EXETR PF	115	1	0	-2	26	24	24	-8	1	0.9855	
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	0.9734	73336
72834	FKLIN PH	34.5	1	0	-2	0.7	0	0	0	1.03	1.0124	
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	-80.9	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	1.0164	72397
72510	HARR G2	6.9	1	0	-2	14	6	6	0	1.0174	1.0164	72397
72511	HARR G3	6.9	1	0	-2	14	6	6	0	1.0174	1.0164	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 18D (NY-NE 700 MW) ESC 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	1.0126	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	0.9935	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	46.5	174	-90	1.035	1.035	73119
73566	LAKERD#2	21	1	0	2	280	46.5	174	-90	1.035	1.035	73119
73567	LAKERD#3	21	1	0	2	280	46.5	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	0.9861	
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	1.0296	72569
72662	MANCH10A	13.8	1	0	-2	119	35	35	-32	1.035	1.0296	72569
72663	MANCH11A	13.8	1	0	-2	119	35	35	-32	1.035	1.0296	72569
73069	MAPR1 PF	13.8	1	0	-2	56	47	47	-32	1.035	1.0312	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	13.4	130	-30	1.03	1.03	73122
73589	MERIDEN2	21	1	0	2	195	13.4	130	-30	1.03	1.03	73122
73590	MERIDEN3	21	1	0	2	196	13.4	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	
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	30.7	54	-20	1.026	1.026	73241
73556	MIDDTN#3	22	1	0	2	233	30.7	87	-37	1.026	1.026	73241

New England Generation for Dispatch 18D (NY-NE 700 MW) ESC 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	1.0325	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	134.6	150	-40	1.026	1.026	73125
73562	MILL#2	24	1	0	2	860	88.8	420	0	1.035	1.035	73110
73563	MILL#3	24	1	0	2	1140	88.8	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	1.0395	
73558	MONTV#5	13.8	1	0	2	81	14.3	27	0	1.035	1.035	73109
73559	MONTV#6	22	1	0	2	402	72.8	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	13.2	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	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	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	0	175	0	1.035	1.039	73668
73665	NHHHVDCL	192	1	0	-2	-351.5	72	72	-72	1.03	1.0299	73664
73083	NRTHFD12	13.8	2	0	2	540	146.9	160	-80	1.041	1.041	72926
73084	NRTHFD34	13.8	2	0	2	540	146.9	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	228.2	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	1.0127	
70690	PROCTP	46	1	0	-2	3	0.1	0.1	0	1.0002	0.9979	

New England Generation for Dispatch 18D (NY-NE 700 MW) ESC 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	1.048	
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	1.0228	
73541	ROCK RIV	13.8	1	0	-2	25	0	10	0	0.974	1.0228	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	1.6	8	-8	1.043	1.043	73375
73353	SANDH DC	0.48	1	0	2	0	1.6	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	279.1	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	1.0053	
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	1.0164	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	1.0226	
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	0.9963	
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	1.0345	
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	10.7	30	-8	1.043	1.043	
72931	STNYBK1B	13.8	1	0	2	65	10.7	30	-8	1.043	1.043	
72932	STNYBK1C	13.8	1	0	2	65	10.7	30	-8	1.043	1.043	
72934	STNYBK2A	13.8	1	0	2	65	10.7	30	-8	1.043	1.043	
72935	STNYBK2B	13.8	1	0	2	65	10.7	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 18D (NY-NE 700 MW) ESC 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	2.8	3	0	1	1	
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	75.7	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	1.0316	
73459	WNSDRLK	27.6	1	0	-2	8	2	2	2	1	1.0384	
72956	WOODLAND	115	1	0	-2	17	2	2	2	1	1.0165	
73080	WSPFLD 3	13.8	1	0	2	107	13.1	52	-37	1.022	1.022	72961

NE Generation Changes from Dispatch 18D to Dispatch 19D (ESC Series Cases)										
Number	Name	BasVlt	Dispatch 18D		Dispatch 19D		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	58.8	0	0	-294	100	-58.8	100
73575	MILFD#2	13.8	0	0	280	77.7	280	999.9	77.7	999.9
73594	WALL LV1	13.8	0	0	102	10.8	102	999.9	10.8	999.9
73595	WALL LV2	13.8	0	0	102	10.8	102	999.9	10.8	999.9
73596	WALL LV3	13.8	0	0	51	7.6	51	999.9	7.6	999.9
73652	BE 11	16	0	0	170	38.8	170	999.9	38.8	999.9
73653	BE 12	16	0	0	170	38.8	170	999.9	38.8	999.9
73654	BE 10 ST	16	0	0	180	38.8	180	999.9	38.8	999.9

NE Generation Changes from Dispatch 18D to Dispatch 20D (ESC Series Cases)										
Number	Name	BasVlt	Dispatch 18D		Dispatch 20D		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	74.2
71095	ANPBLCK1	21	290	150	0	0	-290	100	-150	100
72513	BRSWP G2	13.8	294	58.8	0	0	-294	100	-58.8	100
72867	MERMK G2	24	320	71.4	0	0	-320	100	-71.4	100
73551	NORHAR#1	18	0	0	161	-34.4	161	999.9	-34.4	999.9
73552	NORHAR#2	20	0	0	168	-34.4	168	999.9	-34.4	999.9
73575	MILFD#2	13.8	0	0	280	74.9	280	999.9	74.9	999.9
73594	WALL LV1	13.8	0	0	102	10.5	102	999.9	10.5	999.9
73595	WALL LV2	13.8	0	0	102	10.5	102	999.9	10.5	999.9
73596	WALL LV3	13.8	0	0	51	7.3	51	999.9	7.3	999.9
73652	BE 11	16	0	0	170	35.3	170	999.9	35.3	999.9
73653	BE 12	16	0	0	170	35.3	170	999.9	35.3	999.9
73654	BE 10 ST	16	0	0	180	35.3	180	999.9	35.3	999.9

NE Generation Changes from Dispatch 18D to Dispatch 21D (ESC Series Cases)										
Number	Name	BasVlt	Dispatch 18D		Dispatch 21D		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	-29.7	161	999.9	-29.7	999.9
73552	NORHAR#2	20	0	0	168	-29.7	168	999.9	-29.7	999.9
73553	DEVON#7	13.8	106	10.9	0	0	-106	100	-10.9	100
73554	DEVON#8	13.8	106	10.9	0	0	-106	100	-10.9	100
73574	MILFD#1	13.8	280	134.6	0	0	-280	100	-134.6	100

Appendix E

Table of All Overloads

SWCT Generation Dispatch ID	Case or "Dispatch" Identifier, ESC 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	2D	6D	10D	14D	18D	22D
3	3D	7D	11D	15D	19D	23D
4	4D	8D	12D	16D	20D	24D
5	5D	9D	13D	17D	21D	25D

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

387 and 329 line reconnected, no Besock-EShore line

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
73105 LONG MTN 345	73115 PLUMTREE 345	1	LN	3	2.4	485	1460-387DCT_ESA_config	22D (ESC)	FIX	Recond	-700	OFF
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	2	34.4	10	SCOVRK7TSTK	17D (ESC)	fix	Recond	700	OFF
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	33.5	10	SCOVRK7TSTK	14D (ESC)	fix	Recond	700	OFF
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	24.8	10	SCOVRK7TSTK	9D (ESC)	FIX	Recond	0	OFF
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	24.2	10	SCOVRK7TSTK	6D (ESC)	FIX	Recond	0	OFF
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	22.8	6	SCOVRK7TSTK	13D (ESC)	FIX	Recond	700	ON
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	22.1	6	SCOVRK7TSTK	10D (ESC)	FIX	Recond	700	ON
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	14.1	10	SCOVRK7TSTK	25D (ESC)	FIX	Recond	-700	OFF
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	13.8	6	SCOVRK7TSTK	5D (ESC)	FIX	Recond	0	ON
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	13.4	6	SCOVRK7TSTK	2D (ESC)	FIX	Recond	0	ON
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	13.4	10	SCOVRK7TSTK	22D (ESC)	FIX	Recond	-700	OFF
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	11.9	10	SCOVRK7TSTK	15D (ESC)	fix	Recond	700	OFF
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	3.4	6	SCOVRK7TSTK	21D (ESC)	FIX	Recond	-700	ON
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	3.3	10	SCOVRK7TSTK	7D (ESC)	FIX	Recond	0	OFF
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	2.9	6	SCOVRK7TSTK	18D (ESC)	FIX	Recond	-700	ON
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	2.7	10	SCOVRK7TSTK	16D (ESC)	fix	Recond	700	OFF
73106 SOUTHGTN 345	73122 MERID362 345	1	LN	1	1.6	6	SCOVRK7TSTK	11D (ESC)	FIX	Recond	700	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	27.4	463	SGTN5TSTK	17D (ESC)	fix	Recond	700	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	25.1	463	SGTN5TSTK	14D (ESC)	fix	Recond	700	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	21.7	459	SGTN5TSTK	13D (ESC)	FIX	Recond	700	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	19.7	459	SGTN5TSTK	10D (ESC)	FIX	Recond	700	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	19.6	463	SGTN5TSTK	9D (ESC)	FIX	Recond	0	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	18.4	463	SGTN5TSTK	15D (ESC)	fix	Recond	700	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	17.7	463	SGTN5TSTK	6D (ESC)	FIX	Recond	0	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	15.6	463	SGTN5TSTK	16D (ESC)	fix	Recond	700	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	14.2	459	SGTN5TSTK	5D (ESC)	FIX	Recond	0	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	13.3	459	SGTN5TSTK	11D (ESC)	FIX	Recond	700	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	12.2	459	SGTN5TSTK	2D (ESC)	FIX	Recond	0	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	11.0	463	SGTN5TSTK	7D (ESC)	FIX	Recond	0	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	10.7	463	SGTN5TSTK	25D (ESC)	FIX	Recond	-700	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	10.4	459	SGTN5TSTK	12D (ESC)	FIX	Recond	700	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	8.4	463	SGTN5TSTK	22D (ESC)	FIX	Recond	-700	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	8.2	463	SGTN5TSTK	8D (ESC)	FIX	Recond	0	OFF
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	5.8	459	SGTN5TSTK	3D (ESC)	FIX	Recond	0	ON
73106 SOUTHGTN 345	73154 SGTN B 115	2	TR	1	5.4	459	SGTN5TSTK	21D (ESC)	FIX	Recond	-700	ON

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

387 and 329 line reconnected, no Besock-EShore line

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
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	1	3.1	459	SGTN5TSTK	18D (ESC)	FIX	Recond	-700	ON		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	1	3.0	459	SGTN5TSTK	4D (ESC)	FIX	Recond	0	ON		
73106 SOUTHGTN 345 73154 SGTN B 115 2	TR	1	1.8	463	SGTN5TSTK	23D (ESC)	FIX	Recond	-700	OFF		
73122 MERID362 345 73295 BESECK 345 1	LN	1	6.5	10	SCOVK7TSTK	17D (ESC)	fix	Recond	700	OFF		
73122 MERID362 345 73295 BESECK 345 1	LN	1	5.8	10	SCOVK7TSTK	14D (ESC)	fix	Recond	700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	26.4	408	SOUTHEND6T	19D (ESC)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	408	SOUTHEND6T	2D (ESC)	FIX	Recond	0	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	408	SOUTHEND6T	3D (ESC)	FIX	Recond	0	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	408	SOUTHEND6T	4D (ESC)	FIX	Recond	0	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	408	SOUTHEND6T	5D (ESC)	FIX	Recond	0	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	412	SOUTHEND6T	6D (ESC)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	412	SOUTHEND6T	7D (ESC)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	412	SOUTHEND6T	8D (ESC)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	412	SOUTHEND6T	9D (ESC)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	408	SOUTHEND6T	10D (ESC)	FIX	Recond	700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	408	SOUTHEND6T	11D (ESC)	FIX	Recond	700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	408	SOUTHEND6T	12D (ESC)	FIX	Recond	700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	408	SOUTHEND6T	13D (ESC)	FIX	Recond	700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	412	SOUTHEND6T	14D (ESC)	fix	Recond	700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	412	SOUTHEND6T	15D (ESC)	fix	Recond	700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	412	SOUTHEND6T	16D (ESC)	fix	Recond	700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	412	SOUTHEND6T	17D (ESC)	fix	Recond	700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	408	SOUTHEND6T	18D (ESC)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	408	SOUTHEND6T	20D (ESC)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	408	SOUTHEND6T	21D (ESC)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	412	SOUTHEND6T	22D (ESC)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	412	SOUTHEND6T	23D (ESC)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	412	SOUTHEND6T	24D (ESC)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73163 COS COB 115 1	LN	1	24.8	412	SOUTHEND6T	25D (ESC)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	3.6	408	SOUTHEND6T	19D (ESC)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	408	SOUTHEND6T	2D (ESC)	FIX	Recond	0	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	408	SOUTHEND6T	3D (ESC)	FIX	Recond	0	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	408	SOUTHEND6T	4D (ESC)	FIX	Recond	0	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	408	SOUTHEND6T	5D (ESC)	FIX	Recond	0	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	412	SOUTHEND6T	6D (ESC)	FIX	Recond	0	OFF		

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

387 and 329 line reconnected, no Besock-EShore line

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 73168 GLNBROOK 115 1	LN	1	2.5	412	SOUTHEND6T	7D (ESC)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	412	SOUTHEND6T	8D (ESC)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	412	SOUTHEND6T	9D (ESC)	FIX	Recond	0	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	408	SOUTHEND6T	10D (ESC)	FIX	Recond	700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	408	SOUTHEND6T	11D (ESC)	FIX	Recond	700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	408	SOUTHEND6T	12D (ESC)	FIX	Recond	700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	408	SOUTHEND6T	13D (ESC)	FIX	Recond	700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	412	SOUTHEND6T	14D (ESC)	fix	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	412	SOUTHEND6T	15D (ESC)	fix	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	412	SOUTHEND6T	16D (ESC)	fix	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	412	SOUTHEND6T	17D (ESC)	fix	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	408	SOUTHEND6T	18D (ESC)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	408	SOUTHEND6T	20D (ESC)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	408	SOUTHEND6T	21D (ESC)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	412	SOUTHEND6T	22D (ESC)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	412	SOUTHEND6T	23D (ESC)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	412	SOUTHEND6T	24D (ESC)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	1	2.5	412	SOUTHEND6T	25D (ESC)	FIX	Recond	-700	OFF		
73164 BALDWNJA 115 73187 STEVENSN 115 1	LN	3	5.1	485	1460-387DCT_ESA_config	14D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73187 STEVENSN 115 1	LN	1	1.4	485	1460-387DCT_ESA_config	17D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	6	14.0	485	1460-387DCT_ESA_config	14D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	5	10.5	485	1460-387DCT_ESA_config	17D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	5	8.7	485	1460-387DCT_ESA_config	6D (ESC)	FIX	Recond	0	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	4	4.9	485	1460-387DCT_ESA_config	9D (ESC)	FIX	Recond	0	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	2	2.5	485	1460-387DCT_ESA_config	22D (ESC)	FIX	Recond	-700	OFF		
73166 NORHR138 138 73171 NWLK HAR 115 1	TR	4	17.6	452	LONGMT5TSTK	25D (ESC)	FIX	Recond	-700	OFF		
73166 NORHR138 138 73171 NWLK HAR 115 1	TR	3	12.4	448	LONGMT5TSTK	21D (ESC)	FIX	Recond	-700	ON		
73166 NORHR138 138 73171 NWLK HAR 115 1	TR	1	5.1	486	SCOVK5TSTK_ESA_config	17D (ESC)	fix	Recond	700	OFF		
73166 NORHR138 138 73171 NWLK HAR 115 1	TR	1	2.6	486	SCOVK5TSTK_ESA_config	9D (ESC)	FIX	Recond	0	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	1	23.2	257	1440-1450DCT	2D (ESC)	FIX	Recond	0	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	1	23.2	257	1440-1450DCT	3D (ESC)	FIX	Recond	0	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	1	23.2	257	1440-1450DCT	4D (ESC)	FIX	Recond	0	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	1	23.2	257	1440-1450DCT	5D (ESC)	FIX	Recond	0	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	1	23.2	261	1440-1450DCT	6D (ESC)	FIX	Recond	0	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	1	23.2	261	1440-1450DCT	7D (ESC)	FIX	Recond	0	OFF		

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

387 and 329 line reconnected, no Besock-EShore line

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
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	261	1440-1450DCT	8D (ESC)	FIX	Recond	0	OFF
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	261	1440-1450DCT	9D (ESC)	FIX	Recond	0	OFF
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	257	1440-1450DCT	10D (ESC)	FIX	Recond	700	ON
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	257	1440-1450DCT	11D (ESC)	FIX	Recond	700	ON
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	257	1440-1450DCT	12D (ESC)	FIX	Recond	700	ON
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	257	1440-1450DCT	13D (ESC)	FIX	Recond	700	ON
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	261	1440-1450DCT	14D (ESC)	fix	Recond	700	OFF
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	261	1440-1450DCT	15D (ESC)	fix	Recond	700	OFF
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	261	1440-1450DCT	16D (ESC)	fix	Recond	700	OFF
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	261	1440-1450DCT	17D (ESC)	fix	Recond	700	OFF
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	257	1440-1450DCT	18D (ESC)	FIX	Recond	-700	ON
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	257	1440-1450DCT	19D (ESC)	FIX	Recond	-700	ON
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	257	1440-1450DCT	20D (ESC)	FIX	Recond	-700	ON
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	257	1440-1450DCT	21D (ESC)	FIX	Recond	-700	ON
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	261	1440-1450DCT	22D (ESC)	FIX	Recond	-700	OFF
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	261	1440-1450DCT	23D (ESC)	FIX	Recond	-700	OFF
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	261	1440-1450DCT	24D (ESC)	FIX	Recond	-700	OFF
73167 SO.END	115 73294 GLNBRK J	115 1	LN	1	23.2	261	1440-1450DCT	25D (ESC)	FIX	Recond	-700	OFF
73168 GLNBROOK	115 73169 RYTN J A	115 1	LN	1	3.5	293	1867-1890DCT	25D (ESC)	FIX	Recond	-700	OFF
73168 GLNBROOK	115 73169 RYTN J A	115 1	LN	1	3.0	293	1867-1890DCT	9D (ESC)	FIX	Recond	0	OFF
73168 GLNBROOK	115 73169 RYTN J A	115 1	LN	1	2.6	293	1867-1890DCT	17D (ESC)	fix	Recond	700	OFF
73168 GLNBROOK	115 73169 RYTN J A	115 1	LN	1	2.5	289	1867-1890DCT	21D (ESC)	FIX	Recond	-700	ON
73168 GLNBROOK	115 73169 RYTN J A	115 1	LN	1	2.0	289	1867-1890DCT	5D (ESC)	FIX	Recond	0	ON
73168 GLNBROOK	115 73169 RYTN J A	115 1	LN	1	1.6	289	1867-1890DCT	13D (ESC)	FIX	Recond	700	ON
73168 GLNBROOK	115 73237 ELYAVE	115 1	LN	2	54.8	292	1867-1880DCT	25D (ESC)	FIX	Recond	-700	OFF
73168 GLNBROOK	115 73237 ELYAVE	115 1	LN	2	54.5	292	1867-1880DCT	9D (ESC)	FIX	Recond	0	OFF
73168 GLNBROOK	115 73237 ELYAVE	115 1	LN	2	54.3	288	1867-1880DCT	21D (ESC)	FIX	Recond	-700	ON
73168 GLNBROOK	115 73237 ELYAVE	115 1	LN	2	54.2	292	1867-1880DCT	17D (ESC)	fix	Recond	700	OFF
73168 GLNBROOK	115 73237 ELYAVE	115 1	LN	2	54.0	288	1867-1880DCT	5D (ESC)	FIX	Recond	0	ON
73168 GLNBROOK	115 73237 ELYAVE	115 1	LN	2	53.8	288	1867-1880DCT	13D (ESC)	FIX	Recond	700	ON
73168 GLNBROOK	115 73237 ELYAVE	115 1	LN	3	51.4	292	1867-1880DCT	24D (ESC)	FIX	Recond	-700	OFF
73168 GLNBROOK	115 73237 ELYAVE	115 1	LN	3	51.1	292	1867-1880DCT	8D (ESC)	FIX	Recond	0	OFF
73168 GLNBROOK	115 73237 ELYAVE	115 1	LN	3	51.1	288	1867-1880DCT	20D (ESC)	FIX	Recond	-700	ON
73168 GLNBROOK	115 73237 ELYAVE	115 1	LN	3	50.8	288	1867-1880DCT	4D (ESC)	FIX	Recond	0	ON
73168 GLNBROOK	115 73237 ELYAVE	115 1	LN	3	50.8	292	1867-1880DCT	16D (ESC)	fix	Recond	700	OFF

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

387 and 329 line reconnected, no Besock-EShore line

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 73237	ELYAVE 115 1	LN	3	50.5	288	1867-1880DCT	12D (ESC)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	49.4	295	1880-1890DCT	25D (ESC)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	48.7	295	1880-1890DCT	9D (ESC)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	48.1	295	1880-1890DCT	17D (ESC)	fix	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	48.0	291	1880-1890DCT	21D (ESC)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	47.3	291	1880-1890DCT	5D (ESC)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	46.7	291	1880-1890DCT	13D (ESC)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	40.5	295	1880-1890DCT	24D (ESC)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	39.7	295	1880-1890DCT	8D (ESC)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	39.1	295	1880-1890DCT	16D (ESC)	fix	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	39.1	291	1880-1890DCT	20D (ESC)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	38.4	291	1880-1890DCT	4D (ESC)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	1	37.8	291	1880-1890DCT	12D (ESC)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	21.7	295	1880-1890DCT	22D (ESC)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	20.9	295	1880-1890DCT	6D (ESC)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	20.4	295	1880-1890DCT	14D (ESC)	fix	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	20.2	291	1880-1890DCT	18D (ESC)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	19.4	291	1880-1890DCT	2D (ESC)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	18.9	291	1880-1890DCT	10D (ESC)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	18.1	295	1880-1890DCT	23D (ESC)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	17.4	295	1880-1890DCT	7D (ESC)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	16.8	295	1880-1890DCT	15D (ESC)	fix	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	16.7	291	1880-1890DCT	19D (ESC)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	16.0	291	1880-1890DCT	3D (ESC)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	3	15.4	291	1880-1890DCT	11D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.4	289	1867-1890DCT	20D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.4	289	1867-1890DCT	21D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.4	293	1867-1890DCT	25D (ESC)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.3	289	1867-1890DCT	5D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.3	293	1867-1890DCT	9D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.3	289	1867-1890DCT	13D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.3	293	1867-1890DCT	17D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.2	289	1867-1890DCT	4D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	43.2	289	1867-1890DCT	12D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	1	42.8	293	1867-1890DCT	24D (ESC)	FIX	Recond	-700	OFF

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

387 and 329 line reconductored, no Besock-EShore line

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		
73169	RYTN J A 115	73171	NWLK HAR	115 1	LN	1	42.6	293	1867-1890DCT	8D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115	73171	NWLK HAR	115 1	LN	1	42.5	293	1867-1890DCT	16D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115	73172	NORWALK	115 1	LN	30	85.2	258	1416-1867DCT	22D (ESC)	FIX	Recond	-700	OFF
73169	RYTN J A 115	73172	NORWALK	115 1	LN	33	83.8	258	1416-1867DCT	6D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115	73172	NORWALK	115 1	LN	30	82.8	254	1416-1867DCT	18D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115	73172	NORWALK	115 1	LN	34	82.7	258	1416-1867DCT	14D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115	73172	NORWALK	115 1	LN	27	81.6	254	1416-1867DCT	2D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115	73172	NORWALK	115 1	LN	33	80.7	254	1416-1867DCT	10D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115	73172	NORWALK	115 1	LN	28	79.5	258	1416-1867DCT	23D (ESC)	FIX	Recond	-700	OFF
73169	RYTN J A 115	73172	NORWALK	115 1	LN	26	78.3	258	1416-1867DCT	7D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115	73172	NORWALK	115 1	LN	28	77.4	254	1416-1867DCT	19D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115	73172	NORWALK	115 1	LN	26	77.2	258	1416-1867DCT	15D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115	73172	NORWALK	115 1	LN	27	76.2	254	1416-1867DCT	3D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115	73172	NORWALK	115 1	LN	27	75.2	254	1416-1867DCT	11D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	81.9	430	TRIANGLE3T	22D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	80.9	430	TRIANGLE3T	15D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	2	80.8	430	TRIANGLE3T	6D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	2	80.5	430	TRIANGLE3T	9D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	2	80.4	430	TRIANGLE3T	25D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	2	80.3	430	TRIANGLE3T	14D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	2	80.3	430	TRIANGLE3T	17D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	73.6	426	TRIANGLE3T	18D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	73.5	426	TRIANGLE3T	2D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	72.6	426	TRIANGLE3T	10D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	71.8	430	TRIANGLE3T	23D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	71.6	430	TRIANGLE3T	7D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	71.6	426	TRIANGLE3T	13D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	2	71.2	426	TRIANGLE3T	5D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	2	71.0	426	TRIANGLE3T	21D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	69.7	430	TRIANGLE3T	16D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	69.6	426	TRIANGLE3T	19D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	69.4	426	TRIANGLE3T	3D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	69.4	426	TRIANGLE3T	11D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	69.3	426	TRIANGLE3T	20D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115	73176	TRIANGLE	115 1	LN	3	69.2	430	TRIANGLE3T	8D (ESC)	FIX	Recond	0	OFF

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

387 and 329 line reconductored, no Besock-EShore line

Worst Overload for Each Branch

Sorted by branch and then by overload

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

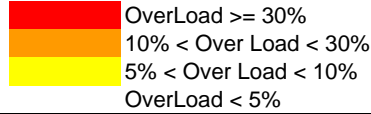
From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	68.7	430	TRIANGLE3T	24D (ESC)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	41.7	426	TRIANGLE3T	4D (ESC)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	3	40.7	426	TRIANGLE3T	12D (ESC)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.7	235	1060-1270DCT	12D (ESC)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.7	239	1060-1270DCT	16D (ESC)	fix	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.6	239	1060-1270DCT	7D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.6	239	1060-1270DCT	8D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.6	235	1060-1270DCT	11D (ESC)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.6	239	1060-1270DCT	15D (ESC)	fix	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.6	239	1060-1270DCT	23D (ESC)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.5	235	1060-1270DCT	2D (ESC)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.5	235	1060-1270DCT	3D (ESC)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.5	235	1060-1270DCT	4D (ESC)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.5	235	1060-1270DCT	10D (ESC)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.5	235	1060-1270DCT	18D (ESC)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.5	235	1060-1270DCT	19D (ESC)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.4	235	1060-1270DCT	13D (ESC)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.4	239	1060-1270DCT	22D (ESC)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.4	239	1060-1270DCT	24D (ESC)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.3	235	1060-1270DCT	5D (ESC)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.3	235	1060-1270DCT	20D (ESC)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.2	239	1060-1270DCT	6D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.2	235	1060-1270DCT	21D (ESC)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.1	239	1060-1270DCT	9D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.1	239	1060-1270DCT	14D (ESC)	fix	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.1	239	1060-1270DCT	17D (ESC)	fix	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	1	34.1	239	1060-1270DCT	25D (ESC)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73268 MDDLDRIV 115 1	LN	2	185.8	429	TRIANGLE2T	22D (ESC)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73268 MDDLDRIV 115 1	LN	2	185.7	429	TRIANGLE2T	15D (ESC)	fix	Recond	700	OFF	
73170	PLUMTREE 115 73268 MDDLDRIV 115 1	LN	2	185.4	429	TRIANGLE2T	6D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73268 MDDLDRIV 115 1	LN	2	185.3	429	TRIANGLE2T	9D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73268 MDDLDRIV 115 1	LN	2	185.3	429	TRIANGLE2T	14D (ESC)	fix	Recond	700	OFF	
73170	PLUMTREE 115 73268 MDDLDRIV 115 1	LN	2	185.3	429	TRIANGLE2T	17D (ESC)	fix	Recond	700	OFF	
73170	PLUMTREE 115 73268 MDDLDRIV 115 1	LN	2	185.2	429	TRIANGLE2T	25D (ESC)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73268 MDDLDRIV 115 1	LN	2	182.8	425	TRIANGLE2T	2D (ESC)	FIX	Recond	0	ON	

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

387 and 329 line reconnected, no Besock-EShore line

Worst Overload for Each Branch

Sorted by branch and then by overload



From bus	To bus	CKT	Typ	Nviol	Worst Viol %	Ncon	Cont Name	Dispatch	Controls	387 Line	NE-NY	NHHS
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	182.8	425	TRIANGLE2T	10D (ESC)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	182.8	425	TRIANGLE2T	18D (ESC)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	182.4	425	TRIANGLE2T	13D (ESC)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	182.3	425	TRIANGLE2T	12D (ESC)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	182.2	425	TRIANGLE2T	5D (ESC)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	182.2	429	TRIANGLE2T	16D (ESC)	fix	Recond	700	OFF		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	182.2	425	TRIANGLE2T	21D (ESC)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	182.2	429	TRIANGLE2T	23D (ESC)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	182.1	429	TRIANGLE2T	7D (ESC)	FIX	Recond	0	OFF		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	182.0	425	TRIANGLE2T	3D (ESC)	FIX	Recond	0	ON		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	182.0	429	TRIANGLE2T	8D (ESC)	FIX	Recond	0	OFF		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	182.0	425	TRIANGLE2T	11D (ESC)	FIX	Recond	700	ON		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	182.0	425	TRIANGLE2T	19D (ESC)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	181.9	425	TRIANGLE2T	20D (ESC)	FIX	Recond	-700	ON		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	181.7	429	TRIANGLE2T	24D (ESC)	FIX	Recond	-700	OFF		
73170 PLUMTREE 115 73268 MDDLRLV 115 1	LN	2	102.1	425	TRIANGLE2T	4D (ESC)	FIX	Recond	0	ON		
73171 NWLK HAR 115 73237 ELYAVE 115 1	LN	12	60.9	292	1867-1880DCT	25D (ESC)	FIX	Recond	-700	OFF		
73171 NWLK HAR 115 73237 ELYAVE 115 1	LN	12	60.0	292	1867-1880DCT	9D (ESC)	FIX	Recond	0	OFF		
73171 NWLK HAR 115 73237 ELYAVE 115 1	LN	10	59.6	288	1867-1880DCT	21D (ESC)	FIX	Recond	-700	ON		
73171 NWLK HAR 115 73237 ELYAVE 115 1	LN	10	59.3	292	1867-1880DCT	17D (ESC)	fix	Recond	700	OFF		
73171 NWLK HAR 115 73237 ELYAVE 115 1	LN	6	58.7	288	1867-1880DCT	5D (ESC)	FIX	Recond	0	ON		
73171 NWLK HAR 115 73237 ELYAVE 115 1	LN	4	58.0	288	1867-1880DCT	13D (ESC)	FIX	Recond	700	ON		
73171 NWLK HAR 115 73237 ELYAVE 115 1	LN	2	51.4	292	1867-1880DCT	24D (ESC)	FIX	Recond	-700	OFF		
73171 NWLK HAR 115 73237 ELYAVE 115 1	LN	2	50.5	288	1867-1880DCT	20D (ESC)	FIX	Recond	-700	ON		
73171 NWLK HAR 115 73237 ELYAVE 115 1	LN	2	50.4	292	1867-1880DCT	8D (ESC)	FIX	Recond	0	OFF		
73171 NWLK HAR 115 73237 ELYAVE 115 1	LN	2	49.7	292	1867-1880DCT	16D (ESC)	fix	Recond	700	OFF		
73171 NWLK HAR 115 73237 ELYAVE 115 1	LN	2	49.6	288	1867-1880DCT	4D (ESC)	FIX	Recond	0	ON		
73171 NWLK HAR 115 73237 ELYAVE 115 1	LN	2	48.9	288	1867-1880DCT	12D (ESC)	FIX	Recond	700	ON		
73171 NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.3	291	1880-1890DCT	4D (ESC)	FIX	Recond	0	ON		
73171 NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.3	295	1880-1890DCT	8D (ESC)	FIX	Recond	0	OFF		
73171 NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.3	291	1880-1890DCT	12D (ESC)	FIX	Recond	700	ON		
73171 NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.3	295	1880-1890DCT	16D (ESC)	fix	Recond	700	OFF		
73171 NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.3	291	1880-1890DCT	20D (ESC)	FIX	Recond	-700	ON		
73171 NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.3	295	1880-1890DCT	24D (ESC)	FIX	Recond	-700	OFF		
73171 NWLK HAR 115 73271 RYTN J B 115 1	LN	1	4.2	291	1880-1890DCT	5D (ESC)	FIX	Recond	0	ON		

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

387 and 329 line reconnected, no Besock-Eshore line

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 73271 RYTN J B 115 1	LN	1	4.2	295	1880-1890DCT	9D (ESC)	FIX	Recond	0	OFF
73171	NWLK HAR	115 73271 RYTN J B 115 1	LN	1	4.2	291	1880-1890DCT	13D (ESC)	FIX	Recond	700	ON
73171	NWLK HAR	115 73271 RYTN J B 115 1	LN	1	4.2	295	1880-1890DCT	17D (ESC)	fix	Recond	700	OFF
73171	NWLK HAR	115 73271 RYTN J B 115 1	LN	1	4.2	291	1880-1890DCT	21D (ESC)	FIX	Recond	-700	ON
73171	NWLK HAR	115 73271 RYTN J B 115 1	LN	1	4.2	295	1880-1890DCT	25D (ESC)	FIX	Recond	-700	OFF
73172	NORWALK	115 73207 FLAX HIL 115 1	LN	422	99.7	259	1416-1880DCT	22D (ESC)	FIX	Recond	-700	OFF
73172	NORWALK	115 73207 FLAX HIL 115 1	LN	416	98.3	259	1416-1880DCT	6D (ESC)	FIX	Recond	0	OFF
73172	NORWALK	115 73207 FLAX HIL 115 1	LN	409	97.4	255	1416-1880DCT	18D (ESC)	FIX	Recond	-700	ON
73172	NORWALK	115 73207 FLAX HIL 115 1	LN	408	97.2	259	1416-1880DCT	14D (ESC)	fix	Recond	700	OFF
73172	NORWALK	115 73207 FLAX HIL 115 1	LN	398	96.1	255	1416-1880DCT	2D (ESC)	FIX	Recond	0	ON
73172	NORWALK	115 73207 FLAX HIL 115 1	LN	369	95.2	255	1416-1880DCT	10D (ESC)	FIX	Recond	700	ON
73172	NORWALK	115 73207 FLAX HIL 115 1	LN	208	94.1	259	1416-1880DCT	23D (ESC)	FIX	Recond	-700	OFF
73172	NORWALK	115 73207 FLAX HIL 115 1	LN	98	92.8	259	1416-1880DCT	7D (ESC)	FIX	Recond	0	OFF
73172	NORWALK	115 73207 FLAX HIL 115 1	LN	52	92.0	255	1416-1880DCT	19D (ESC)	FIX	Recond	-700	ON
73172	NORWALK	115 73207 FLAX HIL 115 1	LN	59	91.8	259	1416-1880DCT	15D (ESC)	fix	Recond	700	OFF
73172	NORWALK	115 73207 FLAX HIL 115 1	LN	36	90.7	255	1416-1880DCT	3D (ESC)	FIX	Recond	0	ON
73172	NORWALK	115 73207 FLAX HIL 115 1	LN	43	89.7	255	1416-1880DCT	11D (ESC)	FIX	Recond	700	ON
73183	SHAWSHIL	115 73185 BUNKER H 115 1	LN	1	10.7	369	FROSTBR27T	17D (ESC)	fix	Recond	700	OFF
73183	SHAWSHIL	115 73185 BUNKER H 115 1	LN	1	10.1	369	FROSTBR27T	14D (ESC)	fix	Recond	700	OFF
73183	SHAWSHIL	115 73185 BUNKER H 115 1	LN	1	9.4	369	FROSTBR27T	9D (ESC)	FIX	Recond	0	OFF
73183	SHAWSHIL	115 73185 BUNKER H 115 1	LN	1	8.9	369	FROSTBR27T	6D (ESC)	FIX	Recond	0	OFF
73183	SHAWSHIL	115 73185 BUNKER H 115 1	LN	1	7.9	369	FROSTBR27T	25D (ESC)	FIX	Recond	-700	OFF
73183	SHAWSHIL	115 73185 BUNKER H 115 1	LN	1	7.4	369	FROSTBR27T	22D (ESC)	FIX	Recond	-700	OFF
73183	SHAWSHIL	115 73185 BUNKER H 115 1	LN	1	3.4	365	FROSTBR27T	13D (ESC)	FIX	Recond	700	ON
73183	SHAWSHIL	115 73185 BUNKER H 115 1	LN	1	2.8	365	FROSTBR27T	10D (ESC)	FIX	Recond	700	ON
73183	SHAWSHIL	115 73185 BUNKER H 115 1	LN	1	2.2	365	FROSTBR27T	5D (ESC)	FIX	Recond	0	ON
73183	SHAWSHIL	115 73185 BUNKER H 115 1	LN	1	1.4	365	FROSTBR27T	2D (ESC)	FIX	Recond	0	ON
73183	SHAWSHIL	115 73185 BUNKER H 115 1	LN	1	0.7	365	FROSTBR27T	21D (ESC)	FIX	Recond	-700	ON
73183	SHAWSHIL	115 73185 BUNKER H 115 1	LN	1	0.1	365	FROSTBR27T	18D (ESC)	FIX	Recond	-700	ON
73188	BCNFL PF	115 73192 DRBY J B 115 1	LN	2	33.3	252	1272-1721DCT	9D (ESC)	FIX	Recond	0	OFF
73188	BCNFL PF	115 73192 DRBY J B 115 1	LN	2	33.3	252	1272-1721DCT	17D (ESC)	fix	Recond	700	OFF
73188	BCNFL PF	115 73192 DRBY J B 115 1	LN	2	33.3	252	1272-1721DCT	25D (ESC)	FIX	Recond	-700	OFF
73188	BCNFL PF	115 73192 DRBY J B 115 1	LN	2	32.4	248	1272-1721DCT	21D (ESC)	FIX	Recond	-700	ON
73188	BCNFL PF	115 73192 DRBY J B 115 1	LN	2	31.7	248	1272-1721DCT	5D (ESC)	FIX	Recond	0	ON
73188	BCNFL PF	115 73192 DRBY J B 115 1	LN	2	31.7	248	1272-1721DCT	13D (ESC)	FIX	Recond	700	ON

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

387 and 329 line reconnected, no Besock-EShore line

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	2	31.1	252	1272-1721DCT	6D (ESC)	FIX	Recond	0	OFF
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	31.1	252	1272-1721DCT	14D (ESC)	fix	Recond	700	OFF
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	31.1	252	1272-1721DCT	22D (ESC)	FIX	Recond	-700	OFF
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	30.1	248	1272-1721DCT	2D (ESC)	FIX	Recond	0	ON
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	30.1	248	1272-1721DCT	10D (ESC)	FIX	Recond	700	ON
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	30.0	248	1272-1721DCT	18D (ESC)	FIX	Recond	-700	ON
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	28.0	252	1272-1721DCT	7D (ESC)	FIX	Recond	0	OFF
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	28.0	252	1272-1721DCT	23D (ESC)	FIX	Recond	-700	OFF
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	27.9	252	1272-1721DCT	15D (ESC)	fix	Recond	700	OFF
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	27.5	248	1272-1721DCT	3D (ESC)	FIX	Recond	0	ON
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	27.5	248	1272-1721DCT	11D (ESC)	FIX	Recond	700	ON
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	27.5	248	1272-1721DCT	19D (ESC)	FIX	Recond	-700	ON
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	27.0	252	1272-1721DCT	8D (ESC)	FIX	Recond	0	OFF
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	27.0	252	1272-1721DCT	16D (ESC)	fix	Recond	700	OFF
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	27.0	252	1272-1721DCT	24D (ESC)	FIX	Recond	-700	OFF
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	26.5	248	1272-1721DCT	4D (ESC)	FIX	Recond	0	ON
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	26.5	248	1272-1721DCT	12D (ESC)	FIX	Recond	700	ON
73188	BCNFL PF 115 73192 DRBY J B 115 1	LN	2	2	26.5	248	1272-1721DCT	20D (ESC)	FIX	Recond	-700	ON
73196	GLEN JCT 115 73198 SOUTHGTN 115 1	LN	6	6	26.6	485	1460-387DCT_ESA_config	14D (ESC)	fix	Recond	700	OFF
73196	GLEN JCT 115 73198 SOUTHGTN 115 1	LN	6	6	26.2	485	1460-387DCT_ESA_config	17D (ESC)	fix	Recond	700	OFF
73196	GLEN JCT 115 73198 SOUTHGTN 115 1	LN	6	6	19.6	485	1460-387DCT_ESA_config	6D (ESC)	FIX	Recond	0	OFF
73196	GLEN JCT 115 73198 SOUTHGTN 115 1	LN	6	6	18.6	485	1460-387DCT_ESA_config	9D (ESC)	FIX	Recond	0	OFF
73196	GLEN JCT 115 73198 SOUTHGTN 115 1	LN	5	5	11.2	485	1460-387DCT_ESA_config	22D (ESC)	FIX	Recond	-700	OFF
73196	GLEN JCT 115 73198 SOUTHGTN 115 1	LN	5	5	10.5	485	1460-387DCT_ESA_config	25D (ESC)	FIX	Recond	-700	OFF
73196	GLEN JCT 115 73198 SOUTHGTN 115 1	LN	2	2	3.5	481	1460-387DCT_ESA_config	10D (ESC)	FIX	Recond	700	ON
73196	GLEN JCT 115 73198 SOUTHGTN 115 1	LN	2	2	3.0	481	1460-387DCT_ESA_config	13D (ESC)	FIX	Recond	700	ON
73198	SOUTHGTN 115 73631 WLNGF PF 115 1	LN	4	4	7.4	484	387LINE_ESA_config	14D (ESC)	fix	Recond	700	OFF
73198	SOUTHGTN 115 73631 WLNGF PF 115 1	LN	4	4	6.6	484	387LINE_ESA_config	17D (ESC)	fix	Recond	700	OFF
73198	SOUTHGTN 115 73631 WLNGF PF 115 1	LN	1	1	1.9	484	387LINE_ESA_config	6D (ESC)	FIX	Recond	0	OFF
73198	SOUTHGTN 115 73631 WLNGF PF 115 1	LN	1	1	0.6	484	387LINE_ESA_config	9D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271 RYTN J B 115 1	LN	23	23	82.2	259	1416-1880DCT	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271 RYTN J B 115 1	LN	23	23	80.8	259	1416-1880DCT	6D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271 RYTN J B 115 1	LN	23	23	79.8	255	1416-1880DCT	18D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271 RYTN J B 115 1	LN	23	23	79.7	259	1416-1880DCT	14D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271 RYTN J B 115 1	LN	23	23	78.6	255	1416-1880DCT	2D (ESC)	FIX	Recond	0	ON

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

387 and 329 line reconductored, no Besock-EShore line

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	77.6	255	1416-1880DCT	10D (ESC)	FIX	Recond	700	ON
73207	FLAX HIL 115	73271 RYTN J B 115	LN	22	76.5	259	1416-1880DCT	23D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115	73271 RYTN J B 115	LN	17	75.2	259	1416-1880DCT	7D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115	73271 RYTN J B 115	LN	16	74.4	255	1416-1880DCT	19D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115	73271 RYTN J B 115	LN	16	74.2	259	1416-1880DCT	15D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115	73271 RYTN J B 115	LN	16	73.1	255	1416-1880DCT	3D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115	73271 RYTN J B 115	LN	15	72.1	255	1416-1880DCT	11D (ESC)	FIX	Recond	700	ON
73224	TRMB J A 115	73700 PEQUONIC 115	LN	1	0.9	342	DEVON2TSTK	12D (ESC)	FIX	Recond	700	ON
73224	TRMB J A 115	73700 PEQUONIC 115	LN	1	0.4	342	DEVON2TSTK	4D (ESC)	FIX	Recond	0	ON
73227	E.MERIDN 115	73230 HADDAM 115	LN	1	2.5	465	SGTN7TSTK	17D (ESC)	fix	Recond	700	OFF
73227	E.MERIDN 115	73230 HADDAM 115	LN	1	1.9	465	SGTN7TSTK	14D (ESC)	fix	Recond	700	OFF
73227	E.MERIDN 115	73230 HADDAM 115	LN	1	1.4	465	SGTN7TSTK	9D (ESC)	FIX	Recond	0	OFF
73227	E.MERIDN 115	73230 HADDAM 115	LN	1	0.8	465	SGTN7TSTK	6D (ESC)	FIX	Recond	0	OFF
73227	E.MERIDN 115	73230 HADDAM 115	LN	1	0.5	465	SGTN7TSTK	25D (ESC)	FIX	Recond	-700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	4	34.6	465	SGTN7TSTK	17D (ESC)	fix	Recond	700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	4	33.7	465	SGTN7TSTK	14D (ESC)	fix	Recond	700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	3	32.8	465	SGTN7TSTK	9D (ESC)	FIX	Recond	0	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	3	32.0	465	SGTN7TSTK	6D (ESC)	FIX	Recond	0	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	31.4	465	SGTN7TSTK	25D (ESC)	FIX	Recond	-700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	30.6	465	SGTN7TSTK	22D (ESC)	FIX	Recond	-700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	3	26.2	461	SGTN7TSTK	13D (ESC)	FIX	Recond	700	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	3	25.6	461	SGTN7TSTK	10D (ESC)	FIX	Recond	700	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	3	25.0	461	SGTN7TSTK	5D (ESC)	FIX	Recond	0	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	3	24.0	461	SGTN7TSTK	2D (ESC)	FIX	Recond	0	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	23.4	461	SGTN7TSTK	21D (ESC)	FIX	Recond	-700	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	22.5	461	SGTN7TSTK	18D (ESC)	FIX	Recond	-700	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	10.9	465	SGTN7TSTK	15D (ESC)	fix	Recond	700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	9.5	465	SGTN7TSTK	7D (ESC)	FIX	Recond	0	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	8.1	465	SGTN7TSTK	23D (ESC)	FIX	Recond	-700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	4.3	465	SGTN7TSTK	16D (ESC)	fix	Recond	700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	3.0	461	SGTN7TSTK	11D (ESC)	FIX	Recond	700	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	2.9	465	SGTN7TSTK	8D (ESC)	FIX	Recond	0	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	1.7	461	SGTN7TSTK	3D (ESC)	FIX	Recond	0	ON
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	1.5	465	SGTN7TSTK	24D (ESC)	FIX	Recond	-700	OFF
73227	E.MERIDN 115	73633 NO.WALLF 115	LN	1	0.3	461	SGTN7TSTK	19D (ESC)	FIX	Recond	-700	ON

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

387 and 329 line reconnected, no Besock-EShore line

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
73228	BALDWNJB 115 73185	BUNKER H 115 1	LN	2	2.8	485	1460-387DCT_ESA_config	14D (ESC)	fix	Recond	700	OFF
73228	BALDWNJB 115 73185	BUNKER H 115 1	LN	2	2.3	485	1460-387DCT_ESA_config	17D (ESC)	fix	Recond	700	OFF
73230	HADDAM 115 73231	BOKUM 115 1	LN	4	26.0	92	1620SLINE	17D (ESC)	fix	Recond	700	OFF
73230	HADDAM 115 73231	BOKUM 115 1	LN	4	25.9	92	1620SLINE	14D (ESC)	fix	Recond	700	OFF
73230	HADDAM 115 73231	BOKUM 115 1	LN	2	22.1	92	1620SLINE	6D (ESC)	FIX	Recond	0	OFF
73230	HADDAM 115 73231	BOKUM 115 1	LN	2	22.1	92	1620SLINE	9D (ESC)	FIX	Recond	0	OFF
73230	HADDAM 115 73231	BOKUM 115 1	LN	1	17.7	92	1620SLINE	22D (ESC)	FIX	Recond	-700	OFF
73230	HADDAM 115 73231	BOKUM 115 1	LN	1	17.7	92	1620SLINE	25D (ESC)	FIX	Recond	-700	OFF
73230	HADDAM 115 73231	BOKUM 115 1	LN	1	12.7	88	1620SLINE	10D (ESC)	FIX	Recond	700	ON
73230	HADDAM 115 73231	BOKUM 115 1	LN	1	12.7	88	1620SLINE	13D (ESC)	FIX	Recond	700	ON
73230	HADDAM 115 73231	BOKUM 115 1	LN	1	9.0	88	1620SLINE	5D (ESC)	FIX	Recond	0	ON
73230	HADDAM 115 73231	BOKUM 115 1	LN	1	8.9	88	1620SLINE	2D (ESC)	FIX	Recond	0	ON
73230	HADDAM 115 73231	BOKUM 115 1	LN	1	4.5	88	1620SLINE	21D (ESC)	FIX	Recond	-700	ON
73230	HADDAM 115 73231	BOKUM 115 1	LN	1	4.4	88	1620SLINE	18D (ESC)	FIX	Recond	-700	ON
73230	HADDAM 115 73231	BOKUM 115 1	LN	1	3.0	92	1620SLINE	15D (ESC)	fix	Recond	700	OFF
73230	HADDAM 115 73231	BOKUM 115 2	LN	1	9.5	43	1261LINE	17D (ESC)	fix	Recond	700	OFF
73230	HADDAM 115 73231	BOKUM 115 2	LN	1	9.4	43	1261LINE	14D (ESC)	fix	Recond	700	OFF
73230	HADDAM 115 73231	BOKUM 115 2	LN	1	6.2	43	1261LINE	9D (ESC)	FIX	Recond	0	OFF
73230	HADDAM 115 73231	BOKUM 115 2	LN	1	6.1	43	1261LINE	6D (ESC)	FIX	Recond	0	OFF
73230	HADDAM 115 73231	BOKUM 115 2	LN	1	2.3	43	1261LINE	22D (ESC)	FIX	Recond	-700	OFF
73230	HADDAM 115 73231	BOKUM 115 2	LN	1	2.3	43	1261LINE	25D (ESC)	FIX	Recond	-700	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	124.9	429	TRIANGLE2T	22D (ESC)	FIX	Recond	-700	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	124.8	429	TRIANGLE2T	15D (ESC)	fix	Recond	700	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	124.7	429	TRIANGLE2T	6D (ESC)	FIX	Recond	0	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	124.6	429	TRIANGLE2T	9D (ESC)	FIX	Recond	0	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	124.5	429	TRIANGLE2T	14D (ESC)	fix	Recond	700	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	124.5	429	TRIANGLE2T	17D (ESC)	fix	Recond	700	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	124.5	429	TRIANGLE2T	25D (ESC)	FIX	Recond	-700	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	122.2	425	TRIANGLE2T	18D (ESC)	FIX	Recond	-700	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	122.1	425	TRIANGLE2T	2D (ESC)	FIX	Recond	0	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	122.1	425	TRIANGLE2T	10D (ESC)	FIX	Recond	700	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	121.8	425	TRIANGLE2T	13D (ESC)	FIX	Recond	700	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	121.7	425	TRIANGLE2T	5D (ESC)	FIX	Recond	0	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	121.7	425	TRIANGLE2T	21D (ESC)	FIX	Recond	-700	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	2	121.6	429	TRIANGLE2T	23D (ESC)	FIX	Recond	-700	OFF

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

387 and 329 line reconnected, no Besock-EShore line

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
73268 MDDLRLV 115	73176 TRIANGLE 115	1	LN	2	121.5	429	TRIANGLE2T	7D (ESC)	FIX	Recond	0	OFF
73268 MDDLRLV 115	73176 TRIANGLE 115	1	LN	2	121.5	425	TRIANGLE2T	12D (ESC)	FIX	Recond	700	ON
73268 MDDLRLV 115	73176 TRIANGLE 115	1	LN	2	121.5	429	TRIANGLE2T	16D (ESC)	fix	Recond	700	OFF
73268 MDDLRLV 115	73176 TRIANGLE 115	1	LN	2	121.4	425	TRIANGLE2T	3D (ESC)	FIX	Recond	0	ON
73268 MDDLRLV 115	73176 TRIANGLE 115	1	LN	2	121.4	425	TRIANGLE2T	11D (ESC)	FIX	Recond	700	ON
73268 MDDLRLV 115	73176 TRIANGLE 115	1	LN	2	121.4	425	TRIANGLE2T	19D (ESC)	FIX	Recond	-700	ON
73268 MDDLRLV 115	73176 TRIANGLE 115	1	LN	2	121.3	429	TRIANGLE2T	8D (ESC)	FIX	Recond	0	OFF
73268 MDDLRLV 115	73176 TRIANGLE 115	1	LN	2	121.3	425	TRIANGLE2T	20D (ESC)	FIX	Recond	-700	ON
73268 MDDLRLV 115	73176 TRIANGLE 115	1	LN	2	121.2	429	TRIANGLE2T	24D (ESC)	FIX	Recond	-700	OFF
73268 MDDLRLV 115	73176 TRIANGLE 115	1	LN	2	54.8	425	TRIANGLE2T	4D (ESC)	FIX	Recond	0	ON
73317 NORSING2 345	73315 SINGNOR2 345	1	LN	2	6.5	462	NORSING1	11D (ESC)	FIX	Recond	700	ON
73701 CRRJCT 115	73703 ASHCREEK 115	1	LN	1	0.3	252	1389-1880DCT	3D (ESC)	FIX	Recond	0	ON
73701 CRRJCT 115	73703 ASHCREEK 115	1	LN	1	0.3	252	1389-1880DCT	11D (ESC)	FIX	Recond	700	ON
73701 CRRJCT 115	73703 ASHCREEK 115	1	LN	1	0.3	252	1389-1880DCT	19D (ESC)	FIX	Recond	-700	ON
75053 NRTHPT P 138	75051 NRTHPRT1 138	1	TR	1	6.8	452	LONGMT5TSTK	25D (ESC)	FIX	Recond	-700	OFF
75053 NRTHPT P 138	75051 NRTHPRT1 138	1	TR	1	2.0	448	LONGMT5TSTK	21D (ESC)	FIX	Recond	-700	ON

List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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
73105	LONG MTN 345 73115	PLUMTREE 345 1	LN	1688.9	939.2	1649.0	102.4	485	1460-387DCT_ESA_config	22D (ESC)	FIX	Recond	-700	OFF
73105	LONG MTN 345 73115	PLUMTREE 345 1	LN	1684.8	939.2	1649.0	102.2	486	SCOVKR5TSTK_ESA_config	22D (ESC)	FIX	Recond	-700	OFF
73105	LONG MTN 345 73115	PLUMTREE 345 1	LN	1665.7	939.2	1649.0	101.0	484	387LINE_ESA_config	22D (ESC)	FIX	Recond	-700	OFF
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	2570.4	1396.0	1912.0	134.4	10	SCOVKR7TSTK	17D (ESC)	fix	Recond	700	OFF
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	2552.5	1375.0	1912.0	133.5	10	SCOVKR7TSTK	14D (ESC)	fix	Recond	700	OFF
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	2385.5	1318.0	1912.0	124.8	10	SCOVKR7TSTK	9D (ESC)	FIX	Recond	0	OFF
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	2374.2	1298.3	1912.0	124.2	10	SCOVKR7TSTK	6D (ESC)	FIX	Recond	0	OFF
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	2348.4	1349.5	1912.0	122.8	6	SCOVKR7TSTK	13D (ESC)	FIX	Recond	700	ON
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	2334.8	1329.3	1912.0	122.1	6	SCOVKR7TSTK	10D (ESC)	FIX	Recond	700	ON
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	2180.8	1228.1	1912.0	114.1	10	SCOVKR7TSTK	25D (ESC)	FIX	Recond	-700	OFF
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	2176.4	1271.5	1912.0	113.8	6	SCOVKR7TSTK	5D (ESC)	FIX	Recond	0	ON
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	2167.8	1252.5	1912.0	113.4	6	SCOVKR7TSTK	2D (ESC)	FIX	Recond	0	ON
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	2167.8	1206.6	1912.0	113.4	10	SCOVKR7TSTK	22D (ESC)	FIX	Recond	-700	OFF
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	2139.4	1257.4	1912.0	111.9	10	SCOVKR7TSTK	15D (ESC)	fix	Recond	700	OFF
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	1977.9	1181.4	1912.0	103.4	6	SCOVKR7TSTK	21D (ESC)	FIX	Recond	-700	ON
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	1974.6	1181.8	1912.0	103.3	10	SCOVKR7TSTK	7D (ESC)	FIX	Recond	0	OFF
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	1966.7	1160.7	1912.0	102.9	6	SCOVKR7TSTK	18D (ESC)	FIX	Recond	-700	ON
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	1962.8	1217.1	1912.0	102.7	10	SCOVKR7TSTK	16D (ESC)	fix	Recond	700	OFF
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	1942.3	1212.0	1912.0	101.6	6	SCOVKR7TSTK	11D (ESC)	FIX	Recond	700	ON
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	1940.0	1396.0	1912.0	101.5	459	SCOVKR8TSTK	17D (ESC)	fix	Recond	700	OFF
73106	SOUTHGTN 345 73122	MERID362 345 1	LN	1911.9	1375.0	1912.0	100.0	459	SCOVKR8TSTK	14D (ESC)	fix	Recond	700	OFF
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	745.2	282.9	585.0	127.4	463	SGTN5TSTK	17D (ESC)	fix	Recond	700	OFF
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	732.1	282.8	585.0	125.1	463	SGTN5TSTK	14D (ESC)	fix	Recond	700	OFF
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	712.2	274.9	585.0	121.7	459	SGTN5TSTK	13D (ESC)	FIX	Recond	700	ON
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	700.1	274.6	585.0	119.7	459	SGTN5TSTK	10D (ESC)	FIX	Recond	700	ON
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	699.5	276.8	585.0	119.6	463	SGTN5TSTK	9D (ESC)	FIX	Recond	0	OFF
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	692.6	271.1	585.0	118.4	463	SGTN5TSTK	15D (ESC)	fix	Recond	700	OFF
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	688.3	277.4	585.0	117.7	463	SGTN5TSTK	6D (ESC)	FIX	Recond	0	OFF
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	676.1	262.2	585.0	115.6	463	SGTN5TSTK	16D (ESC)	fix	Recond	700	OFF
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	668.2	269.7	585.0	114.2	459	SGTN5TSTK	5D (ESC)	FIX	Recond	0	ON
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	662.6	264.0	585.0	113.3	459	SGTN5TSTK	11D (ESC)	FIX	Recond	700	ON
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	656.1	269.6	585.0	112.2	459	SGTN5TSTK	2D (ESC)	FIX	Recond	0	ON
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	649.4	265.8	585.0	111.0	463	SGTN5TSTK	7D (ESC)	FIX	Recond	0	OFF
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	647.4	270.8	585.0	110.7	463	SGTN5TSTK	25D (ESC)	FIX	Recond	-700	OFF
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	645.8	255.0	585.0	110.4	459	SGTN5TSTK	12D (ESC)	FIX	Recond	700	ON
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	634.0	270.2	585.0	108.4	463	SGTN5TSTK	22D (ESC)	FIX	Recond	-700	OFF
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	632.7	256.8	585.0	108.2	463	SGTN5TSTK	8D (ESC)	FIX	Recond	0	OFF
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	618.9	258.7	585.0	105.8	459	SGTN5TSTK	3D (ESC)	FIX	Recond	0	ON
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	616.4	263.6	585.0	105.4	459	SGTN5TSTK	21D (ESC)	FIX	Recond	-700	ON
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	602.9	262.9	585.0	103.1	459	SGTN5TSTK	18D (ESC)	FIX	Recond	-700	ON
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	602.7	249.7	585.0	103.0	459	SGTN5TSTK	4D (ESC)	FIX	Recond	0	ON
73106	SOUTHGTN 345 73154	SGTN B 115 2	TR	595.8	259.5	585.0	101.8	463	SGTN5TSTK	23D (ESC)	FIX	Recond	-700	OFF
73107	SCOVLR RK 345 73114	KLEEN 345 1	LN	1551.1	1137.0	1446.0	107.3	483	362W-376DCT	14D (ESC)	fix	Recond	700	OFF
73107	SCOVLR RK 345 73114	KLEEN 345 1	LN	1550.5	1138.3	1446.0	107.2	483	362W-376DCT	17D (ESC)	fix	Recond	700	OFF

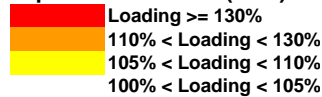
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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
73107	SCOV1 RK 345	73114 KLEEN	345 1	LN	1515.1	1138.3	1446.0	104.8	455	MONTVSTBKR	17D (ESC)	fix	Recond	700 OFF
73107	SCOV1 RK 345	73114 KLEEN	345 1	LN	1514.4	1138.3	1446.0	104.7	219	364+AUTO	17D (ESC)	fix	Recond	700 OFF
73107	SCOV1 RK 345	73114 KLEEN	345 1	LN	1512.3	1137.0	1446.0	104.6	455	MONTVSTBKR	14D (ESC)	fix	Recond	700 OFF
73107	SCOV1 RK 345	73114 KLEEN	345 1	LN	1511.8	1137.0	1446.0	104.5	219	364+AUTO	14D (ESC)	fix	Recond	700 OFF
73122	MERID362 345	73295 BESECK	345 1	LN	2036.8	849.2	1912.0	106.5	10	SCOV17TSTK	17D (ESC)	fix	Recond	700 OFF
73122	MERID362 345	73295 BESECK	345 1	LN	2022.9	827.6	1912.0	105.8	10	SCOV17TSTK	14D (ESC)	fix	Recond	700 OFF
73162	WATERSDE 115	73163 COS COB	115 1	LN	302.1	69.5	239.0	126.4	408	SOUTHEND6T	19D (ESC)	FIX	Recond	-700 ON
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.5	239.0	124.8	408	SOUTHEND6T	2D (ESC)	FIX	Recond	0 ON
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.5	239.0	124.8	408	SOUTHEND6T	3D (ESC)	FIX	Recond	0 ON
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.9	239.0	124.8	408	SOUTHEND6T	4D (ESC)	FIX	Recond	0 ON
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	70.0	239.0	124.8	408	SOUTHEND6T	5D (ESC)	FIX	Recond	0 ON
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.5	239.0	124.8	412	SOUTHEND6T	6D (ESC)	FIX	Recond	0 OFF
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.5	239.0	124.8	412	SOUTHEND6T	7D (ESC)	FIX	Recond	0 OFF
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.9	239.0	124.8	412	SOUTHEND6T	8D (ESC)	FIX	Recond	0 OFF
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	70.0	239.0	124.8	412	SOUTHEND6T	9D (ESC)	FIX	Recond	0 OFF
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.5	239.0	124.8	408	SOUTHEND6T	10D (ESC)	FIX	Recond	700 ON
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.5	239.0	124.8	408	SOUTHEND6T	11D (ESC)	FIX	Recond	700 ON
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.9	239.0	124.8	408	SOUTHEND6T	12D (ESC)	FIX	Recond	700 ON
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	70.0	239.0	124.8	408	SOUTHEND6T	13D (ESC)	FIX	Recond	700 ON
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.5	239.0	124.8	412	SOUTHEND6T	14D (ESC)	fix	Recond	700 OFF
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.5	239.0	124.8	412	SOUTHEND6T	15D (ESC)	fix	Recond	700 OFF
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.9	239.0	124.8	412	SOUTHEND6T	16D (ESC)	fix	Recond	700 OFF
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	70.0	239.0	124.8	412	SOUTHEND6T	17D (ESC)	fix	Recond	700 OFF
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.5	239.0	124.8	408	SOUTHEND6T	18D (ESC)	FIX	Recond	-700 ON
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.9	239.0	124.8	408	SOUTHEND6T	20D (ESC)	FIX	Recond	-700 ON
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	70.0	239.0	124.8	408	SOUTHEND6T	21D (ESC)	FIX	Recond	-700 ON
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.6	239.0	124.8	412	SOUTHEND6T	22D (ESC)	FIX	Recond	-700 OFF
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.5	239.0	124.8	412	SOUTHEND6T	23D (ESC)	FIX	Recond	-700 OFF
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	69.9	239.0	124.8	412	SOUTHEND6T	24D (ESC)	FIX	Recond	-700 OFF
73162	WATERSDE 115	73163 COS COB	115 1	LN	298.4	70.0	239.0	124.8	412	SOUTHEND6T	25D (ESC)	FIX	Recond	-700 OFF
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	364.5	132.4	352.0	103.6	408	SOUTHEND6T	19D (ESC)	FIX	Recond	-700 ON
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	360.8	132.4	352.0	102.5	408	SOUTHEND6T	2D (ESC)	FIX	Recond	0 ON
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	360.8	132.4	352.0	102.5	408	SOUTHEND6T	3D (ESC)	FIX	Recond	0 ON
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	360.8	132.9	352.0	102.5	408	SOUTHEND6T	4D (ESC)	FIX	Recond	0 ON
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	360.8	133.0	352.0	102.5	408	SOUTHEND6T	5D (ESC)	FIX	Recond	0 ON
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	360.8	132.5	352.0	102.5	412	SOUTHEND6T	6D (ESC)	FIX	Recond	0 OFF
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	360.8	132.4	352.0	102.5	412	SOUTHEND6T	7D (ESC)	FIX	Recond	0 OFF
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	360.8	132.9	352.0	102.5	412	SOUTHEND6T	8D (ESC)	FIX	Recond	0 OFF
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	360.8	133.0	352.0	102.5	412	SOUTHEND6T	9D (ESC)	FIX	Recond	0 OFF
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	360.8	132.4	352.0	102.5	408	SOUTHEND6T	10D (ESC)	FIX	Recond	700 ON
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	360.8	132.4	352.0	102.5	408	SOUTHEND6T	11D (ESC)	FIX	Recond	700 ON
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	360.8	132.9	352.0	102.5	408	SOUTHEND6T	12D (ESC)	FIX	Recond	700 ON
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	360.8	133.0	352.0	102.5	408	SOUTHEND6T	13D (ESC)	FIX	Recond	700 ON
73162	WATERSDE 115	73168 GLNBROOK	115 1	LN	360.8	132.5	352.0	102.5	412	SOUTHEND6T	14D (ESC)	fix	Recond	700 OFF

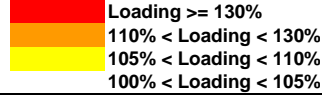
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.4	352.0	102.5	412	SOUTHEND6T	15D (ESC)	fix	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.9	352.0	102.5	412	SOUTHEND6T	16D (ESC)	fix	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	133.0	352.0	102.5	412	SOUTHEND6T	17D (ESC)	fix	Recond	700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.5	352.0	102.5	408	SOUTHEND6T	18D (ESC)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.9	352.0	102.5	408	SOUTHEND6T	20D (ESC)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	133.0	352.0	102.5	408	SOUTHEND6T	21D (ESC)	FIX	Recond	-700	ON		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.5	352.0	102.5	412	SOUTHEND6T	22D (ESC)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.4	352.0	102.5	412	SOUTHEND6T	23D (ESC)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	132.9	352.0	102.5	412	SOUTHEND6T	24D (ESC)	FIX	Recond	-700	OFF		
73162 WATERSDE 115 73168 GLNBROOK 115 1	LN	360.8	133.0	352.0	102.5	412	SOUTHEND6T	25D (ESC)	FIX	Recond	-700	OFF		
73164 BALDWNJA 115 73187 STEVENS 115 1	LN	296.5	146.6	282.0	105.1	485	1460-387DCT_ESA_config	14D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73187 STEVENS 115 1	LN	290.8	146.6	282.0	103.1	484	387LINE_ESA_config	14D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73187 STEVENS 115 1	LN	286.7	146.6	282.0	101.7	299	1460-387DCT	14D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73187 STEVENS 115 1	LN	286.0	140.6	282.0	101.4	485	1460-387DCT_ESA_config	17D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	327.1	176.8	287.0	114.0	485	1460-387DCT_ESA_config	14D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	321.3	176.8	287.0	111.9	484	387LINE_ESA_config	14D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	317.1	176.8	287.0	110.5	299	1460-387DCT	14D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	317.0	171.0	287.0	110.5	485	1460-387DCT_ESA_config	17D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	312.0	171.3	287.0	108.7	485	1460-387DCT_ESA_config	6D (ESC)	FIX	Recond	0	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	312.1	171.0	287.0	108.7	484	387LINE_ESA_config	17D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	311.4	176.8	287.0	108.5	228	387LINE	14D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	306.6	171.3	287.0	106.8	484	387LINE_ESA_config	6D (ESC)	FIX	Recond	0	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	306.3	171.0	287.0	106.7	299	1460-387DCT	17D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	302.1	176.8	287.0	105.3	486	SCOVK5TSTK_ESA_config	14D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	302.0	171.3	287.0	105.2	299	1460-387DCT	6D (ESC)	FIX	Recond	0	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	301.2	171.0	287.0	105.0	228	387LINE	17D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	301.1	165.3	287.0	104.9	485	1460-387DCT_ESA_config	9D (ESC)	FIX	Recond	0	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	297.6	171.3	287.0	103.7	228	387LINE	6D (ESC)	FIX	Recond	0	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	296.4	165.3	287.0	103.3	484	387LINE_ESA_config	9D (ESC)	FIX	Recond	0	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	294.3	164.5	287.0	102.5	485	1460-387DCT_ESA_config	22D (ESC)	FIX	Recond	-700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	293.4	176.8	287.0	102.2	458	SCOVK5TSTK	14D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	292.4	171.0	287.0	101.9	486	SCOVK5TSTK_ESA_config	17D (ESC)	fix	Recond	700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	291.5	165.3	287.0	101.6	299	1460-387DCT	9D (ESC)	FIX	Recond	0	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	290.1	164.5	287.0	101.1	484	387LINE_ESA_config	22D (ESC)	FIX	Recond	-700	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	288.9	171.3	287.0	100.7	486	SCOVK5TSTK_ESA_config	6D (ESC)	FIX	Recond	0	OFF		
73164 BALDWNJA 115 73202 FROST BR 115 1	LN	287.4	165.3	287.0	100.1	228	387LINE	9D (ESC)	FIX	Recond	0	OFF		
73166 NORHR138 138 73171 NWLK HAR 115 1	TR	472.7	207.0	402.0	117.6	452	LONGMT5TSTK	25D (ESC)	FIX	Recond	-700	OFF		
73166 NORHR138 138 73171 NWLK HAR 115 1	TR	451.9	207.3	402.0	112.4	448	LONGMT5TSTK	21D (ESC)	FIX	Recond	-700	ON		
73166 NORHR138 138 73171 NWLK HAR 115 1	TR	436.0	207.0	402.0	108.4	232	398LINE	25D (ESC)	FIX	Recond	-700	OFF		
73166 NORHR138 138 73171 NWLK HAR 115 1	TR	436.0	207.0	402.0	108.4	233	398REAC	25D (ESC)	FIX	Recond	-700	OFF		
73166 NORHR138 138 73171 NWLK HAR 115 1	TR	422.9	207.3	402.0	105.2	228	398LINE	21D (ESC)	FIX	Recond	-700	ON		
73166 NORHR138 138 73171 NWLK HAR 115 1	TR	422.9	207.3	402.0	105.2	229	398REAC	21D (ESC)	FIX	Recond	-700	ON		
73166 NORHR138 138 73171 NWLK HAR 115 1	TR	422.5	207.5	402.0	105.1	486	SCOVK5TSTK_ESA_config	17D (ESC)	fix	Recond	700	OFF		
73166 NORHR138 138 73171 NWLK HAR 115 1	TR	412.4	207.1	402.0	102.6	486	SCOVK5TSTK_ESA_config	9D (ESC)	FIX	Recond	0	OFF		

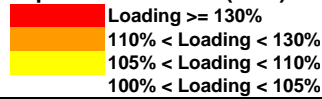
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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
73166 NORHR138 138 73171 NWLK HAR 115 1	TR	403.1	207.0	402.0	100.3	486	SCOVKR5TSTK_BSA_config	25D (ESC)	FIX	Recond	-700	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	112.6	289.0	123.2	257	1440-1450DCT	2D (ESC)	FIX	Recond	0	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	112.9	289.0	123.2	257	1440-1450DCT	3D (ESC)	FIX	Recond	0	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	109.6	289.0	123.2	257	1440-1450DCT	4D (ESC)	FIX	Recond	0	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	108.7	289.0	123.2	257	1440-1450DCT	5D (ESC)	FIX	Recond	0	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	112.5	289.0	123.2	261	1440-1450DCT	6D (ESC)	FIX	Recond	0	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	112.8	289.0	123.2	261	1440-1450DCT	7D (ESC)	FIX	Recond	0	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	109.5	289.0	123.2	261	1440-1450DCT	8D (ESC)	FIX	Recond	0	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	108.6	289.0	123.2	261	1440-1450DCT	9D (ESC)	FIX	Recond	0	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	112.7	289.0	123.2	257	1440-1450DCT	10D (ESC)	FIX	Recond	700	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	113.0	289.0	123.2	257	1440-1450DCT	11D (ESC)	FIX	Recond	700	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	109.7	289.0	123.2	257	1440-1450DCT	12D (ESC)	FIX	Recond	700	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	108.8	289.0	123.2	257	1440-1450DCT	13D (ESC)	FIX	Recond	700	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	112.6	289.0	123.2	261	1440-1450DCT	14D (ESC)	fix	Recond	700	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	112.9	289.0	123.2	261	1440-1450DCT	15D (ESC)	fix	Recond	700	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	109.5	289.0	123.2	261	1440-1450DCT	16D (ESC)	fix	Recond	700	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	108.6	289.0	123.2	261	1440-1450DCT	17D (ESC)	fix	Recond	700	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	112.6	289.0	123.2	257	1440-1450DCT	18D (ESC)	FIX	Recond	-700	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	112.9	289.0	123.2	257	1440-1450DCT	19D (ESC)	FIX	Recond	-700	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	109.5	289.0	123.2	257	1440-1450DCT	20D (ESC)	FIX	Recond	-700	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	108.6	289.0	123.2	257	1440-1450DCT	21D (ESC)	FIX	Recond	-700	ON		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	112.4	289.0	123.2	261	1440-1450DCT	22D (ESC)	FIX	Recond	-700	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	112.8	289.0	123.2	261	1440-1450DCT	23D (ESC)	FIX	Recond	-700	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	109.4	289.0	123.2	261	1440-1450DCT	24D (ESC)	FIX	Recond	-700	OFF		
73167 SO.END 115 73294 GLNBRK J 115 1	LN	356.0	108.5	289.0	123.2	261	1440-1450DCT	25D (ESC)	FIX	Recond	-700	OFF		
73168 GLNBROOK 115 73169 RYTN J A 115 1	LN	454.3	179.5	439.0	103.5	293	1867-1890DCT	25D (ESC)	FIX	Recond	-700	OFF		
73168 GLNBROOK 115 73169 RYTN J A 115 1	LN	452.2	178.6	439.0	103.0	293	1867-1890DCT	9D (ESC)	FIX	Recond	0	OFF		
73168 GLNBROOK 115 73169 RYTN J A 115 1	LN	450.3	177.9	439.0	102.6	293	1867-1890DCT	17D (ESC)	fix	Recond	700	OFF		
73168 GLNBROOK 115 73169 RYTN J A 115 1	LN	449.8	177.6	439.0	102.5	289	1867-1890DCT	21D (ESC)	FIX	Recond	-700	ON		
73168 GLNBROOK 115 73169 RYTN J A 115 1	LN	447.8	176.8	439.0	102.0	289	1867-1890DCT	5D (ESC)	FIX	Recond	0	ON		
73168 GLNBROOK 115 73169 RYTN J A 115 1	LN	446.0	176.1	439.0	101.6	289	1867-1890DCT	13D (ESC)	FIX	Recond	700	ON		
73168 GLNBROOK 115 73237 ELYAVE 115 1	LN	431.9	172.1	279.0	154.8	292	1867-1880DCT	25D (ESC)	FIX	Recond	-700	OFF		
73168 GLNBROOK 115 73237 ELYAVE 115 1	LN	431.0	172.0	279.0	154.5	292	1867-1880DCT	9D (ESC)	FIX	Recond	0	OFF		
73168 GLNBROOK 115 73237 ELYAVE 115 1	LN	430.6	172.0	279.0	154.3	288	1867-1880DCT	21D (ESC)	FIX	Recond	-700	ON		
73168 GLNBROOK 115 73237 ELYAVE 115 1	LN	430.3	172.0	279.0	154.2	292	1867-1880DCT	17D (ESC)	fix	Recond	700	OFF		
73168 GLNBROOK 115 73237 ELYAVE 115 1	LN	429.7	171.9	279.0	154.0	288	1867-1880DCT	5D (ESC)	FIX	Recond	0	ON		
73168 GLNBROOK 115 73237 ELYAVE 115 1	LN	429.0	171.8	279.0	153.8	288	1867-1880DCT	13D (ESC)	FIX	Recond	700	ON		
73168 GLNBROOK 115 73237 ELYAVE 115 1	LN	422.5	170.6	279.0	151.4	292	1867-1880DCT	24D (ESC)	FIX	Recond	-700	OFF		
73168 GLNBROOK 115 73237 ELYAVE 115 1	LN	421.5	170.4	279.0	151.1	292	1867-1880DCT	8D (ESC)	FIX	Recond	0	OFF		
73168 GLNBROOK 115 73237 ELYAVE 115 1	LN	421.6	170.5	279.0	151.1	288	1867-1880DCT	20D (ESC)	FIX	Recond	-700	ON		
73168 GLNBROOK 115 73237 ELYAVE 115 1	LN	420.7	170.4	279.0	150.8	288	1867-1880DCT	4D (ESC)	FIX	Recond	0	ON		
73168 GLNBROOK 115 73237 ELYAVE 115 1	LN	420.8	170.3	279.0	150.8	292	1867-1880DCT	16D (ESC)	fix	Recond	700	OFF		
73168 GLNBROOK 115 73237 ELYAVE 115 1	LN	420.0	170.3	279.0	150.5	288	1867-1880DCT	12D (ESC)	FIX	Recond	700	ON		
73168 GLNBROOK 115 73237 ELYAVE 115 1	LN	288.4	170.3	279.0	103.4	255	1416-1880DCT	12D (ESC)	FIX	Recond	700	ON		

List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	287.9	170.4	279.0	103.2	255	1416-1880DCT	4D (ESC)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	287.4	170.3	279.0	103.0	259	1416-1880DCT	16D (ESC)	fix	Recond	700	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	287.4	170.5	279.0	103.0	255	1416-1880DCT	20D (ESC)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	287.0	170.4	279.0	102.9	259	1416-1880DCT	8D (ESC)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	286.5	170.6	279.0	102.7	259	1416-1880DCT	24D (ESC)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	282.8	171.8	279.0	101.4	255	1416-1880DCT	13D (ESC)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	282.4	171.9	279.0	101.2	255	1416-1880DCT	5D (ESC)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	282.0	172.0	279.0	101.1	259	1416-1880DCT	17D (ESC)	fix	Recond	700	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	281.9	172.0	279.0	101.0	255	1416-1880DCT	21D (ESC)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	281.6	172.0	279.0	100.9	259	1416-1880DCT	9D (ESC)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	281.1	170.3	279.0	100.8	254	1416-1867DCT	12D (ESC)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	281.1	172.1	279.0	100.7	259	1416-1880DCT	25D (ESC)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	280.7	170.4	279.0	100.6	254	1416-1867DCT	4D (ESC)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	280.1	170.3	279.0	100.4	258	1416-1867DCT	16D (ESC)	fix	Recond	700	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	280.2	170.5	279.0	100.4	254	1416-1867DCT	20D (ESC)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	279.7	170.4	279.0	100.3	258	1416-1867DCT	8D (ESC)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73237 ELYAVE 115 1	LN	279.2	170.6	279.0	100.1	258	1416-1867DCT	24D (ESC)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	431.9	165.2	289.0	149.4	295	1880-1890DCT	25D (ESC)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	429.8	164.4	289.0	148.7	295	1880-1890DCT	9D (ESC)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	428.0	163.7	289.0	148.1	295	1880-1890DCT	17D (ESC)	fix	Recond	700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	427.7	163.5	289.0	148.0	291	1880-1890DCT	21D (ESC)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	425.7	162.6	289.0	147.3	291	1880-1890DCT	5D (ESC)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	423.9	162.0	289.0	146.7	291	1880-1890DCT	13D (ESC)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	406.0	154.5	289.0	140.5	295	1880-1890DCT	24D (ESC)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	403.8	153.6	289.0	139.7	295	1880-1890DCT	8D (ESC)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	402.0	152.9	289.0	139.1	295	1880-1890DCT	16D (ESC)	fix	Recond	700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	402.1	152.9	289.0	139.1	291	1880-1890DCT	20D (ESC)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	399.9	152.0	289.0	138.4	291	1880-1890DCT	4D (ESC)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	398.1	151.3	289.0	137.8	291	1880-1890DCT	12D (ESC)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	351.7	149.4	289.0	121.7	295	1880-1890DCT	22D (ESC)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	349.5	148.5	289.0	120.9	295	1880-1890DCT	6D (ESC)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	347.8	147.8	289.0	120.4	295	1880-1890DCT	14D (ESC)	fix	Recond	700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	347.3	147.4	289.0	120.2	291	1880-1890DCT	18D (ESC)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	345.1	146.6	289.0	119.4	291	1880-1890DCT	2D (ESC)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	343.6	146.0	289.0	118.9	291	1880-1890DCT	10D (ESC)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	341.3	144.9	289.0	118.1	295	1880-1890DCT	23D (ESC)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	339.2	144.0	289.0	117.4	295	1880-1890DCT	7D (ESC)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	337.5	143.4	289.0	116.8	295	1880-1890DCT	15D (ESC)	fix	Recond	700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	337.4	143.3	289.0	116.7	291	1880-1890DCT	19D (ESC)	FIX	Recond	-700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	335.3	142.5	289.0	116.0	291	1880-1890DCT	3D (ESC)	FIX	Recond	0	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	334.1	149.4	289.0	115.6	259	1416-1880DCT	22D (ESC)	FIX	Recond	-700	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	333.4	148.5	289.0	115.4	259	1416-1880DCT	6D (ESC)	FIX	Recond	0	OFF	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	333.6	141.8	289.0	115.4	291	1880-1890DCT	11D (ESC)	FIX	Recond	700	ON	
73168	GLNBROOK 115 73271 RYTN J B 115 1	LN	333.0	147.8	289.0	115.2	259	1416-1880DCT	14D (ESC)	fix	Recond	700	OFF	

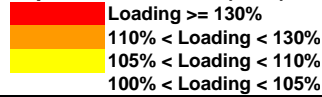
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	332.6	147.4	289.0	115.1	255	1416-1880DCT	18D (ESC)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	332.2	146.6	289.0	114.9	255	1416-1880DCT	2D (ESC)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	331.9	146.0	289.0	114.8	255	1416-1880DCT	10D (ESC)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	331.0	144.9	289.0	114.5	259	1416-1880DCT	23D (ESC)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	330.6	144.0	289.0	114.4	259	1416-1880DCT	7D (ESC)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	330.2	143.4	289.0	114.2	259	1416-1880DCT	15D (ESC)	fix	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	330.1	143.3	289.0	114.2	255	1416-1880DCT	19D (ESC)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	329.6	142.5	289.0	114.1	255	1416-1880DCT	3D (ESC)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	329.3	141.8	289.0	113.9	255	1416-1880DCT	11D (ESC)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	306.1	149.4	289.0	105.9	296	1880-1977DCT	22D (ESC)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	305.4	148.5	289.0	105.7	296	1880-1977DCT	6D (ESC)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	305.0	147.8	289.0	105.5	296	1880-1977DCT	14D (ESC)	fix	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	304.6	147.4	289.0	105.4	292	1880-1977DCT	18D (ESC)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	304.2	146.6	289.0	105.3	292	1880-1977DCT	2D (ESC)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	303.9	146.0	289.0	105.2	292	1880-1977DCT	10D (ESC)	FIX	Recond	700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	303.0	144.9	289.0	104.9	296	1880-1977DCT	23D (ESC)	FIX	Recond	-700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	302.6	144.0	289.0	104.7	296	1880-1977DCT	7D (ESC)	FIX	Recond	0	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	302.2	143.4	289.0	104.6	296	1880-1977DCT	15D (ESC)	fix	Recond	700	OFF
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	302.1	143.3	289.0	104.5	292	1880-1977DCT	19D (ESC)	FIX	Recond	-700	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	301.6	142.5	289.0	104.4	292	1880-1977DCT	3D (ESC)	FIX	Recond	0	ON
73168	GLNBROOK 115 73271	RYTN J B 115 1	LN	301.3	141.8	289.0	104.3	292	1880-1977DCT	11D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	392.8	173.8	274.0	143.4	289	1867-1890DCT	20D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	392.8	158.9	274.0	143.4	289	1867-1890DCT	21D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	392.8	156.1	274.0	143.4	293	1867-1890DCT	25D (ESC)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	392.7	160.0	274.0	143.3	289	1867-1890DCT	5D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	392.6	157.4	274.0	143.3	293	1867-1890DCT	9D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	392.7	161.0	274.0	143.3	289	1867-1890DCT	13D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	392.6	158.5	274.0	143.3	293	1867-1890DCT	17D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	392.4	174.8	274.0	143.2	289	1867-1890DCT	4D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	392.3	175.8	274.0	143.2	289	1867-1890DCT	12D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	391.2	170.8	274.0	142.8	293	1867-1890DCT	24D (ESC)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	390.9	171.9	274.0	142.6	293	1867-1890DCT	8D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115 73171	NWLK HAR 115 1	LN	390.6	172.8	274.0	142.5	293	1867-1890DCT	16D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	474.1	248.5	256.0	185.2	258	1416-1867DCT	22D (ESC)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	470.4	246.1	256.0	183.8	258	1416-1867DCT	6D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	468.0	243.8	256.0	182.8	254	1416-1867DCT	18D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172	NORWALK 115 1	LN	467.6	244.2	256.0	182.7	258	1416-1867DCT	14D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	464.8	241.7	256.0	181.6	254	1416-1867DCT	2D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73172	NORWALK 115 1	LN	462.5	240.2	256.0	180.7	254	1416-1867DCT	10D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73172	NORWALK 115 1	LN	461.6	248.5	256.0	180.3	293	1867-1890DCT	22D (ESC)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	459.6	237.7	256.0	179.5	258	1416-1867DCT	23D (ESC)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	458.3	246.1	256.0	179.0	293	1867-1890DCT	6D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172	NORWALK 115 1	LN	456.7	243.8	256.0	178.4	289	1867-1890DCT	18D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172	NORWALK 115 1	LN	456.3	235.5	256.0	178.3	258	1416-1867DCT	7D (ESC)	FIX	Recond	0	OFF

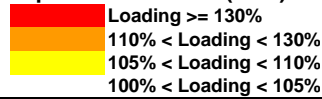
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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 455.8 244.2 256.0 178.0 293 1867-1890DCT 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 454.2 233.6 256.0 177.4 254 1416-1867DCT 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 453.8 241.7 256.0 177.3 289 1867-1890DCT 2D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 453.8 233.7 256.0 177.2 258 1416-1867DCT 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 451.6 240.2 256.0 176.4 289 1867-1890DCT 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 451.0 231.3 256.0 176.2 254 1416-1867DCT 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 449.7 237.7 256.0 175.7 293 1867-1890DCT 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 448.5 229.7 256.0 175.2 254 1416-1867DCT 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 446.9 248.5 256.0 174.6 294 1867-1977DCT 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 446.6 235.5 256.0 174.5 293 1867-1890DCT 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 445.0 233.6 256.0 173.8 289 1867-1890DCT 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 444.3 233.7 256.0 173.5 293 1867-1890DCT 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 443.3 246.1 256.0 173.2 294 1867-1977DCT 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 441.9 231.3 256.0 172.6 289 1867-1890DCT 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 440.8 243.8 256.0 172.2 290 1867-1977DCT 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 440.6 244.2 256.0 172.1 294 1867-1977DCT 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 439.7 229.7 256.0 171.8 289 1867-1890DCT 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 437.7 241.7 256.0 171.0 290 1867-1977DCT 2D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 435.5 240.2 256.0 170.1 290 1867-1977DCT 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 432.5 237.7 256.0 169.0 294 1867-1977DCT 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 429.3 235.5 256.0 167.7 294 1867-1977DCT 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 427.2 233.6 256.0 166.9 290 1867-1977DCT 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 426.7 233.7 256.0 166.7 294 1867-1977DCT 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 424.0 231.3 256.0 165.6 290 1867-1977DCT 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 421.5 229.7 256.0 164.7 290 1867-1977DCT 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 412.9 248.5 256.0 161.3 55 1389LINE 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 408.8 246.1 256.0 159.7 55 1389LINE 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 406.2 248.5 256.0 158.7 246 113091001DCT 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 406.0 243.8 256.0 158.6 51 1389LINE 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 405.6 244.2 256.0 158.4 55 1389LINE 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 404.7 246.1 256.0 158.1 246 113091001DCT 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 404.0 243.8 256.0 157.8 242 113091001DCT 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 403.7 244.2 256.0 157.7 246 113091001DCT 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 403.0 241.7 256.0 157.4 242 113091001DCT 2D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 402.4 240.2 256.0 157.2 242 113091001DCT 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 402.3 241.7 256.0 157.1 51 1389LINE 2D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 401.3 237.7 256.0 156.8 246 113091001DCT 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 400.2 235.5 256.0 156.3 246 113091001DCT 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 400.0 233.6 256.0 156.2 242 113091001DCT 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 399.3 240.2 256.0 156.0 51 1389LINE 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 399.3 233.7 256.0 156.0 246 113091001DCT 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 398.8 231.3 256.0 155.8 242 113091001DCT 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 398.1 229.7 256.0 155.5 242 113091001DCT 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 396.1 248.5 256.0 154.7 366 FLAXHILL2T 22D (ESC) FIX Recond -700 OFF														

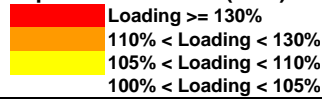
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	396.0	237.7	256.0	154.7	55	1389LINE	23D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	392.2	246.1	256.0	153.2	366	FLAXHILL2T	6D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	392.1	235.5	256.0	153.2	55	1389LINE	7D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	389.4	243.8	256.0	152.1	362	FLAXHILL2T	18D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	389.4	233.6	256.0	152.1	51	1389LINE	19D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	389.2	244.2	256.0	152.0	366	FLAXHILL2T	14D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	389.0	233.7	256.0	152.0	55	1389LINE	15D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	385.8	241.7	256.0	150.7	362	FLAXHILL2T	2D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	385.5	231.3	256.0	150.6	51	1389LINE	3D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	383.0	240.2	256.0	149.6	362	FLAXHILL2T	10D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	382.5	229.7	256.0	149.4	51	1389LINE	11D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	381.8	248.5	256.0	149.1	153	1867LINE	22D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	381.8	248.5	256.0	149.1	396	NORWLKHAR7T	22D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	379.6	237.7	256.0	148.3	366	FLAXHILL2T	23D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	377.8	246.1	256.0	147.6	153	1867LINE	6D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	377.8	246.1	256.0	147.6	396	NORWLKHAR7T	6D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	375.8	235.5	256.0	146.8	366	FLAXHILL2T	7D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	375.0	243.8	256.0	146.5	149	1867LINE	18D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	375.0	243.8	256.0	146.5	392	NORWLKHAR7T	18D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	374.7	244.2	256.0	146.4	153	1867LINE	14D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	374.7	244.2	256.0	146.4	396	NORWLKHAR7T	14D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	372.9	233.7	256.0	145.7	366	FLAXHILL2T	15D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	373.0	233.6	256.0	145.7	362	FLAXHILL2T	19D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	372.9	248.5	256.0	145.7	245	1130-1430DCT	22D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	371.7	246.1	256.0	145.2	245	1130-1430DCT	6D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	371.3	241.7	256.0	145.0	149	1867LINE	2D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	371.3	241.7	256.0	145.0	392	NORWLKHAR7T	2D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	370.8	244.2	256.0	144.9	245	1130-1430DCT	14D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	370.8	243.8	256.0	144.8	241	1130-1430DCT	18D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	370.7	248.5	256.0	144.8	260	1416-1890DCT	22D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	370.0	241.7	256.0	144.5	241	1130-1430DCT	2D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	369.6	240.2	256.0	144.4	241	1130-1430DCT	10D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	369.5	246.1	256.0	144.3	260	1416-1890DCT	6D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	369.2	231.3	256.0	144.2	362	FLAXHILL2T	3D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	368.7	244.2	256.0	144.0	260	1416-1890DCT	14D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	368.6	243.8	256.0	144.0	256	1416-1890DCT	18D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	368.5	240.2	256.0	143.9	149	1867LINE	10D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	368.5	240.2	256.0	143.9	392	NORWLKHAR7T	10D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	368.5	237.7	256.0	143.9	245	1130-1430DCT	23D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	367.9	241.7	256.0	143.7	256	1416-1890DCT	2D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	367.5	235.5	256.0	143.6	245	1130-1430DCT	7D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	367.5	240.2	256.0	143.5	256	1416-1890DCT	10D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	367.2	233.6	256.0	143.4	241	1130-1430DCT	19D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	366.8	233.7	256.0	143.3	245	1130-1430DCT	15D (ESC)	fix	Recond	700	OFF	

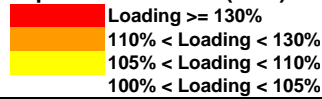
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	366.3	231.3	256.0	143.1	241	1130-1430DCT	3D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	366.4	229.7	256.0	143.1	362	FLAXHILL2T	11D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	366.4	237.7	256.0	143.1	260	1416-1890DCT	23D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	365.5	235.5	256.0	142.8	260	1416-1890DCT	7D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	365.6	229.7	256.0	142.8	241	1130-1430DCT	11D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	365.2	237.7	256.0	142.7	153	1867LINE	23D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	365.2	237.7	256.0	142.7	396	NORWLKHAR7T	23D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	365.1	233.6	256.0	142.6	256	1416-1890DCT	19D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	364.8	233.7	256.0	142.5	260	1416-1890DCT	15D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	364.2	231.3	256.0	142.3	256	1416-1890DCT	3D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	363.6	229.7	256.0	142.0	256	1416-1890DCT	11D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	361.4	235.5	256.0	141.2	153	1867LINE	7D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	361.4	235.5	256.0	141.2	396	NORWLKHAR7T	7D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	358.6	233.6	256.0	140.1	149	1867LINE	19D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	358.6	233.6	256.0	140.1	392	NORWLKHAR7T	19D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	358.4	233.7	256.0	140.0	153	1867LINE	15D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	358.4	233.7	256.0	140.0	396	NORWLKHAR7T	15D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	354.8	231.3	256.0	138.6	149	1867LINE	3D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	354.8	231.3	256.0	138.6	392	NORWLKHAR7T	3D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	351.9	229.7	256.0	137.5	149	1867LINE	11D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	351.9	229.7	256.0	137.5	392	NORWLKHAR7T	11D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	346.8	248.5	256.0	135.5	297	1890-1977DCT	22D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	345.7	246.1	256.0	135.0	297	1890-1977DCT	6D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	344.9	244.2	256.0	134.7	297	1890-1977DCT	14D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	344.8	243.8	256.0	134.7	293	1890-1977DCT	18D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	344.1	241.7	256.0	134.4	293	1890-1977DCT	2D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	343.7	240.2	256.0	134.2	293	1890-1977DCT	10D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	342.6	237.7	256.0	133.8	297	1890-1977DCT	23D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	341.7	235.5	256.0	133.5	297	1890-1977DCT	7D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	341.4	233.6	256.0	133.3	293	1890-1977DCT	19D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	341.1	233.7	256.0	133.2	297	1890-1977DCT	15D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	340.5	231.3	256.0	133.0	293	1890-1977DCT	3D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	339.9	229.7	256.0	132.8	293	1890-1977DCT	11D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	322.2	248.5	256.0	125.8	199	91001LINE	22D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	320.1	246.1	256.0	125.0	199	91001LINE	6D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	318.6	244.2	256.0	124.5	199	91001LINE	14D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	318.6	243.8	256.0	124.5	195	91001LINE	18D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	317.0	241.7	256.0	123.8	195	91001LINE	2D (ESC)	FIX	Recond	0	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	315.8	240.2	256.0	123.3	195	91001LINE	10D (ESC)	FIX	Recond	700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	314.0	237.7	256.0	122.7	199	91001LINE	23D (ESC)	FIX	Recond	-700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	312.2	235.5	256.0	122.0	199	91001LINE	7D (ESC)	FIX	Recond	0	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	311.1	233.6	256.0	121.5	195	91001LINE	19D (ESC)	FIX	Recond	-700	ON	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	310.8	233.7	256.0	121.4	199	91001LINE	15D (ESC)	fix	Recond	700	OFF	
73169 RYTN J A 115 73172 NORWALK	115 1	LN	309.3	231.3	256.0	120.8	195	91001LINE	3D (ESC)	FIX	Recond	0	ON	

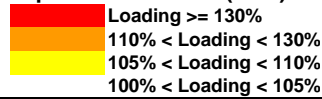
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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 308.0 229.7 256.0 120.3 195 91001LINE 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 302.4 248.5 256.0 118.1 28 1130LINE 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 301.2 248.5 256.0 117.7 327 ASHCREKBKR 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 300.3 246.1 256.0 117.3 28 1130LINE 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 300.2 248.5 256.0 117.3 399 PEQUON12TSTK 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 299.4 246.1 256.0 116.9 327 ASHCREKBKR 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 298.8 244.2 256.0 116.7 28 1130LINE 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 298.6 243.8 256.0 116.6 24 1130LINE 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 298.0 246.1 256.0 116.4 399 PEQUON12TSTK 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 298.0 244.2 256.0 116.4 327 ASHCREKBKR 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 297.8 243.8 256.0 116.3 323 ASHCREKBKR 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 248.5 248.5 214.0 116.1 ** Base Case ** 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 296.8 241.7 256.0 116.0 24 1130LINE 2D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 296.2 241.7 256.0 115.7 323 ASHCREKBKR 2D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 296.3 244.2 256.0 115.7 399 PEQUON12TSTK 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 296.1 248.5 256.0 115.7 59 1430LINE 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 295.9 243.8 256.0 115.6 395 PEQUON12TSTK 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 295.6 240.2 256.0 115.5 24 1130LINE 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 295.2 240.2 256.0 115.3 323 ASHCREKBKR 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 246.1 246.1 214.0 115.0 ** Base Case ** 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 294.2 246.1 256.0 114.9 59 1430LINE 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 293.9 241.7 256.0 114.8 395 PEQUON12TSTK 2D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 293.6 237.7 256.0 114.7 28 1130LINE 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 293.3 237.7 256.0 114.6 327 ASHCREKBKR 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 292.9 244.2 256.0 114.4 59 1430LINE 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 292.9 248.5 256.0 114.4 29 1130+1416LNS 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 292.7 243.8 256.0 114.3 55 1430LINE 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 292.3 240.2 256.0 114.2 395 PEQUON12TSTK 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 244.2 244.2 214.0 114.1 ** Base Case ** 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 291.8 235.5 256.0 114.0 28 1130LINE 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 291.7 235.5 256.0 114.0 327 ASHCREKBKR 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 243.8 243.8 214.0 113.9 ** Base Case ** 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 291.3 248.5 256.0 113.8 409 SASOCR1T 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 291.1 241.7 256.0 113.7 55 1430LINE 2D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 291.0 248.5 256.0 113.7 371 GLENBROOK8T 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 290.9 246.1 256.0 113.6 29 1130+1416LNS 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 290.5 233.7 256.0 113.5 327 ASHCREKBKR 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 290.4 233.6 256.0 113.5 323 ASHCREKBKR 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 290.7 248.5 256.0 113.5 58 1416LINE 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 290.6 248.5 256.0 113.5 158 1890LINE 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 290.6 248.5 256.0 113.5 392 NORWLKHAR1T 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 290.4 233.7 256.0 113.4 28 1130LINE 15D (ESC) FIX Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 290.4 233.6 256.0 113.4 24 1130LINE 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 290.1 240.2 256.0 113.3 55 1430LINE 10D (ESC) FIX Recond 700 ON														

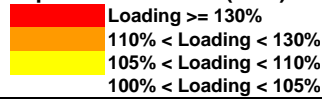
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	290.0	237.7	256.0	113.3	399	PEQUON12TSTK	23D (ESC)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	289.5	246.1	256.0	113.1	409	SASCOCR1T	6D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	241.7	241.7	214.0	113.0		** Base Case **	2D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	289.4	244.2	256.0	113.0	29	1130+1416LNS	14D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	289.1	246.1	256.0	112.9	371	GLENBROOK8T	6D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	289.1	243.8	256.0	112.9	25	1130+1416LNS	18D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.9	231.3	256.0	112.8	323	ASHCREKKBKR	3D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.7	246.1	256.0	112.8	58	1416LINE	6D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.8	246.1	256.0	112.8	158	1890LINE	6D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.8	246.1	256.0	112.8	392	NORWLKHAR1T	6D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.6	231.3	256.0	112.7	24	1130LINE	3D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.2	244.2	256.0	112.6	409	SASCOCR1T	14D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.4	237.7	256.0	112.6	59	1430LINE	23D (ESC)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	288.0	235.5	256.0	112.5	399	PEQUON12TSTK	7D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.9	243.8	256.0	112.5	405	SASCOCR1T	18D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.7	229.7	256.0	112.4	323	ASHCREKKBKR	11D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.8	244.2	256.0	112.4	371	GLENBROOK8T	14D (ESC)	FIX	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.4	241.7	256.0	112.3	25	1130+1416LNS	2D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.5	244.2	256.0	112.3	158	1890LINE	14D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.5	244.2	256.0	112.3	392	NORWLKHAR1T	14D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.5	243.8	256.0	112.3	367	GLENBROOK8T	18D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	240.2	240.2	214.0	112.2		** Base Case **	10D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.3	229.7	256.0	112.2	24	1130LINE	11D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.2	244.2	256.0	112.2	58	1416LINE	14D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.2	243.8	256.0	112.2	154	1890LINE	18D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	287.2	243.8	256.0	112.2	388	NORWLKHAR1T	18D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	286.9	243.8	256.0	112.1	54	1416LINE	18D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	286.7	235.5	256.0	112.0	59	1430LINE	7D (ESC)	FIX	Recond	0	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	286.4	241.7	256.0	111.9	405	SASCOCR1T	2D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	286.5	233.7	256.0	111.9	399	PEQUON12TSTK	15D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	286.2	240.2	256.0	111.8	25	1130+1416LNS	10D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	286.1	233.6	256.0	111.8	395	PEQUON12TSTK	19D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	286.0	241.7	256.0	111.7	367	GLENBROOK8T	2D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	285.7	241.7	256.0	111.6	154	1890LINE	2D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	285.7	241.7	256.0	111.6	388	NORWLKHAR1T	2D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	285.4	240.2	256.0	111.5	405	SASCOCR1T	10D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	285.4	233.7	256.0	111.5	59	1430LINE	15D (ESC)	fix	Recond	700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	285.5	233.6	256.0	111.5	55	1430LINE	19D (ESC)	FIX	Recond	-700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	285.2	241.7	256.0	111.4	54	1416LINE	2D (ESC)	FIX	Recond	0	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	285.0	240.2	256.0	111.3	367	GLENBROOK8T	10D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	284.7	240.2	256.0	111.2	154	1890LINE	10D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	284.7	240.2	256.0	111.2	388	NORWLKHAR1T	10D (ESC)	FIX	Recond	700	ON
73169	RYTN J A 115 73172 NORWALK	115 1	LN	237.7	237.7	214.0	111.1		** Base Case **	23D (ESC)	FIX	Recond	-700	OFF
73169	RYTN J A 115 73172 NORWALK	115 1	LN	284.1	231.3	256.0	111.0	395	PEQUON12TSTK	3D (ESC)	FIX	Recond	0	ON

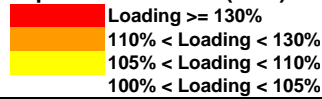
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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 284.0 240.2 256.0 111.0 54 1416LINE 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 284.2 237.7 256.0 111.0 29 1130+1416LNS 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 283.9 231.3 256.0 110.9 55 1430LINE 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 283.7 237.7 256.0 110.8 409 SASCOCR1T 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 283.2 237.7 256.0 110.6 371 GLENBROOK8T 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 283.0 237.7 256.0 110.5 158 1890LINE 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 283.0 237.7 256.0 110.5 392 NORWLKHAR1T 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 282.7 229.7 256.0 110.4 55 1430LINE 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 282.6 229.7 256.0 110.4 395 PEQUON12TSTK 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 282.4 235.5 256.0 110.3 29 1130+1416LNS 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 282.0 235.5 256.0 110.2 409 SASCOCR1T 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 282.1 237.7 256.0 110.2 58 1416LINE 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 235.5 235.5 214.0 110.0 ** Base Case ** 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 281.5 235.5 256.0 110.0 371 GLENBROOK8T 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 281.3 235.5 256.0 109.9 158 1890LINE 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 281.3 235.5 256.0 109.9 392 NORWLKHAR1T 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 281.1 233.7 256.0 109.8 29 1130+1416LNS 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 281.0 233.6 256.0 109.8 25 1130+1416LNS 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 280.8 233.7 256.0 109.7 409 SASCOCR1T 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 280.8 233.6 256.0 109.7 405 SASCOCR1T 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 280.7 248.5 256.0 109.6 344 DARENIT 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 280.3 235.5 256.0 109.5 58 1416LINE 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 280.3 233.7 256.0 109.5 371 GLENBROOK8T 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 280.3 233.6 256.0 109.5 367 GLENBROOK8T 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 280.1 233.7 256.0 109.4 158 1890LINE 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 280.1 233.7 256.0 109.4 392 NORWLKHAR1T 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 280.1 233.6 256.0 109.4 154 1890LINE 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 280.1 233.6 256.0 109.4 388 NORWLKHAR1T 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 233.7 233.7 214.0 109.2 ** Base Case ** 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 279.3 231.3 256.0 109.1 25 1130+1416LNS 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 279.2 231.3 256.0 109.1 405 SASCOCR1T 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 233.6 233.6 214.0 109.1 ** Base Case ** 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 278.9 233.7 256.0 109.0 58 1416LINE 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 278.9 233.6 256.0 109.0 54 1416LINE 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 278.7 231.3 256.0 108.9 367 GLENBROOK8T 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 278.7 246.1 256.0 108.9 344 DARENIT 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 278.5 231.3 256.0 108.8 154 1890LINE 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 278.5 231.3 256.0 108.8 388 NORWLKHAR1T 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 278.0 229.7 256.0 108.6 25 1130+1416LNS 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 278.0 229.7 256.0 108.6 405 SASCOCR1T 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 277.5 229.7 256.0 108.4 367 GLENBROOK8T 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 277.6 248.5 256.0 108.4 412 SOUTHEND6T 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 277.2 231.3 256.0 108.3 54 1416LINE 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 277.3 229.7 256.0 108.3 154 1890LINE 11D (ESC) FIX Recond 700 ON														

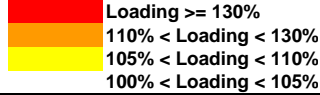
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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 277.3 229.7 256.0 108.3 388 NORWLKHARIT 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 277.3 244.2 256.0 108.3 344 DARIENIT 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 276.9 243.8 256.0 108.2 340 DARIENIT 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 276.9 248.5 256.0 108.2 164 1977LINENEW 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 231.3 231.3 214.0 108.1 ** Base Case ** 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 275.6 246.1 256.0 107.7 412 SOUTHEND6T 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 275.8 229.7 256.0 107.7 54 1416LINE 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 275.3 241.7 256.0 107.5 340 DARIENIT 2D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 274.9 246.1 256.0 107.4 164 1977LINENEW 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 229.7 229.7 214.0 107.3 ** Base Case ** 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 274.2 240.2 256.0 107.1 340 DARIENIT 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 274.1 244.2 256.0 107.1 412 SOUTHEND6T 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 273.8 243.8 256.0 106.9 408 SOUTHEND6T 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 273.5 244.2 256.0 106.8 164 1977LINENEW 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 273.1 243.8 256.0 106.7 160 1977LINENEW 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 272.1 241.7 256.0 106.3 408 SOUTHEND6T 2D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 272.1 237.7 256.0 106.3 344 DARIENIT 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 271.5 241.7 256.0 106.0 160 1977LINENEW 2D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 271.0 240.2 256.0 105.8 408 SOUTHEND6T 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 270.4 235.5 256.0 105.6 344 DARIENIT 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 270.3 240.2 256.0 105.6 160 1977LINENEW 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 269.1 233.7 256.0 105.1 344 DARIENIT 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 269.0 237.7 256.0 105.1 412 SOUTHEND6T 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 268.9 233.6 256.0 105.0 340 DARIENIT 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 268.3 237.7 256.0 104.8 164 1977LINENEW 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 267.9 248.5 256.0 104.7 411 SOUTHEND5T 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 267.2 231.3 256.0 104.4 340 DARIENIT 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 267.2 235.5 256.0 104.4 412 SOUTHEND6T 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 266.5 235.5 256.0 104.1 164 1977LINENEW 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 266.0 246.1 256.0 103.9 411 SOUTHEND5T 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 266.0 229.7 256.0 103.9 340 DARIENIT 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 266.0 233.6 256.0 103.9 408 SOUTHEND6T 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 265.8 233.7 256.0 103.8 412 SOUTHEND6T 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 265.2 244.2 256.0 103.6 202 312LINE 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 265.2 244.2 256.0 103.6 203 312+393LNS 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 265.2 244.2 256.0 103.6 204 312+393REAC 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 265.2 233.7 256.0 103.6 164 1977LINENEW 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 265.1 233.6 256.0 103.6 160 1977LINENEW 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 265.0 244.2 256.0 103.5 456 NOMNTSTBKR 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 265.0 244.2 256.0 103.5 457 NMSTBKREAC 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 264.6 244.2 256.0 103.4 411 SOUTHEND5T 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 264.2 243.8 256.0 103.2 407 SOUTHEND5T 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 264.0 231.3 256.0 103.1 408 SOUTHEND6T 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 263.4 231.3 256.0 102.9 160 1977LINENEW 3D (ESC) FIX Recond 0 ON														

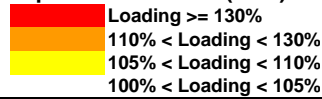
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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 263.1 233.6 256.0 102.8 224 387LINE 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 263.1 248.5 256.0 102.8 298 8100-8200DCT 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 263.1 248.5 256.0 102.8 474 SNGPEQ-XFR 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 263.0 244.2 256.0 102.7 229 393LINE 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 262.9 233.6 256.0 102.7 295 1460-387DCT 19D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 262.6 241.7 256.0 102.6 407 SOUTHEND5T 2D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 262.7 229.7 256.0 102.6 408 SOUTHEND6T 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 262.1 229.7 256.0 102.4 160 1977LINENEW 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 262.2 243.8 256.0 102.4 294 8100-8200DCT 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 261.5 240.2 256.0 102.1 407 SOUTHEND5T 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 260.5 246.1 256.0 101.8 298 8100-8200DCT 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 260.4 246.1 256.0 101.7 474 SNGPEQ-XFR 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 260.0 240.2 256.0 101.6 198 312LINE 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 260.0 240.2 256.0 101.6 199 312+393LNS 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 260.1 240.2 256.0 101.6 200 312+393REAC 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 259.9 241.7 256.0 101.5 294 8100-8200DCT 2D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 259.8 240.2 256.0 101.5 452 NOMNTSTBKR 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 259.8 240.2 256.0 101.5 453 NMSTBKREAC 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 259.4 237.7 256.0 101.3 411 SOUTHEND5T 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 259.2 243.8 256.0 101.2 224 387LINE 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 259.1 237.7 256.0 101.2 228 387LINE 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 258.6 244.2 256.0 101.0 298 8100-8200DCT 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 258.6 243.8 256.0 101.0 295 1460-387DCT 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 258.3 244.2 256.0 100.9 474 SNGPEQ-XFR 14D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 258.2 248.5 256.0 100.9 356 DEVON24TSTK 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 258.2 237.7 256.0 100.9 299 1460-387DCT 23D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 258.2 240.2 256.0 100.8 294 8100-8200DCT 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 257.7 235.5 256.0 100.7 411 SOUTHEND5T 7D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 257.8 240.2 256.0 100.7 225 393LINE 10D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 257.8 248.5 256.0 100.7 254 1310-1763DCT 22D (ESC) FIX Recond -700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 257.5 243.8 256.0 100.6 470 SNGPEQ-XFR 18D (ESC) FIX Recond -700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 257.4 231.3 256.0 100.5 224 387LINE 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 257.0 231.3 256.0 100.4 295 1460-387DCT 3D (ESC) FIX Recond 0 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 256.5 246.1 256.0 100.2 202 312LINE 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 256.5 246.1 256.0 100.2 203 312+393LNS 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 256.5 246.1 256.0 100.2 204 312+393REAC 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 256.6 246.1 256.0 100.2 456 NOMNTSTBKR 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 256.6 246.1 256.0 100.2 457 NMSTBKREAC 6D (ESC) FIX Recond 0 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 256.4 229.7 256.0 100.2 228 398LINE 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 256.4 229.7 256.0 100.2 229 398REAC 11D (ESC) FIX Recond 700 ON														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 256.4 233.7 256.0 100.2 411 SOUTHEND5T 15D (ESC) fix Recond 700 OFF														
73169 RYTN J A 115 73172 NORWALK 115 1 LN 256.3 233.6 256.0 100.1 407 SOUTHEND5T 19D (ESC) FIX Recond -700 ON														
73170 PLUMTREE 115 73176 TRIANGLE 115 1 LN 251.0 79.2 138.0 181.9 430 TRIANGLE3T 22D (ESC) FIX Recond -700 OFF														
73170 PLUMTREE 115 73176 TRIANGLE 115 1 LN 249.6 79.4 138.0 180.9 430 TRIANGLE3T 15D (ESC) fix Recond 700 OFF														

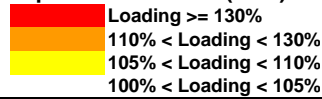
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	249.5	79.1	138.0	180.8	430	TRIANGLE3T	6D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	249.1	79.1	138.0	180.5	430	TRIANGLE3T	9D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	248.9	79.0	138.0	180.4	430	TRIANGLE3T	25D (ESC)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	248.9	79.1	138.0	180.3	430	TRIANGLE3T	14D (ESC)	fix	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	248.8	79.1	138.0	180.3	430	TRIANGLE3T	17D (ESC)	fix	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	239.5	79.3	138.0	173.6	426	TRIANGLE3T	18D (ESC)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	239.4	79.3	138.0	173.5	426	TRIANGLE3T	2D (ESC)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	238.1	79.3	138.0	172.6	426	TRIANGLE3T	10D (ESC)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	237.1	79.4	138.0	171.8	430	TRIANGLE3T	23D (ESC)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	236.9	79.4	138.0	171.6	430	TRIANGLE3T	7D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	236.8	79.2	138.0	171.6	426	TRIANGLE3T	13D (ESC)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	236.3	79.2	138.0	171.2	426	TRIANGLE3T	5D (ESC)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	236.0	79.1	138.0	171.0	426	TRIANGLE3T	21D (ESC)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	234.2	79.4	138.0	169.7	430	TRIANGLE3T	16D (ESC)	fix	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	234.1	79.3	138.0	169.6	426	TRIANGLE3T	19D (ESC)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	233.8	79.3	138.0	169.4	426	TRIANGLE3T	3D (ESC)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	233.8	79.3	138.0	169.4	426	TRIANGLE3T	11D (ESC)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	233.6	79.2	138.0	169.3	426	TRIANGLE3T	20D (ESC)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	233.5	79.4	138.0	169.2	430	TRIANGLE3T	8D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	232.8	79.3	138.0	168.7	430	TRIANGLE3T	24D (ESC)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	195.5	79.3	138.0	141.7	426	TRIANGLE3T	4D (ESC)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	194.2	79.4	138.0	140.7	426	TRIANGLE3T	12D (ESC)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.3	79.3	138.0	104.6	28	1165LINE	11D (ESC)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.2	79.4	138.0	104.5	28	1165LINE	12D (ESC)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.2	79.4	138.0	104.5	32	1165LINE	16D (ESC)	fix	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.0	79.3	138.0	104.4	28	1165LINE	3D (ESC)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.1	79.4	138.0	104.4	32	1165LINE	7D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.1	79.4	138.0	104.4	32	1165LINE	8D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.1	79.4	138.0	104.4	32	1165LINE	15D (ESC)	fix	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.0	79.3	138.0	104.4	28	1165LINE	19D (ESC)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.1	79.4	138.0	104.4	32	1165LINE	23D (ESC)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	143.9	79.3	138.0	104.3	28	1165LINE	2D (ESC)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	144.0	79.3	138.0	104.3	28	1165LINE	4D (ESC)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	143.9	79.3	138.0	104.3	28	1165LINE	10D (ESC)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	143.9	79.3	138.0	104.3	28	1165LINE	18D (ESC)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	143.9	79.3	138.0	104.3	32	1165LINE	24D (ESC)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	143.8	79.2	138.0	104.2	28	1165LINE	13D (ESC)	FIX	Recond	700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	143.8	79.2	138.0	104.2	32	1165LINE	22D (ESC)	FIX	Recond	-700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	143.7	79.2	138.0	104.1	28	1165LINE	5D (ESC)	FIX	Recond	0	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	143.7	79.2	138.0	104.1	28	1165LINE	20D (ESC)	FIX	Recond	-700	ON	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	143.5	79.1	138.0	104.0	32	1165LINE	6D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	143.5	79.1	138.0	104.0	32	1165LINE	9D (ESC)	FIX	Recond	0	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	143.5	79.1	138.0	104.0	32	1165LINE	14D (ESC)	fix	Recond	700	OFF	
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	143.5	79.1	138.0	104.0	32	1165LINE	17D (ESC)	fix	Recond	700	OFF	

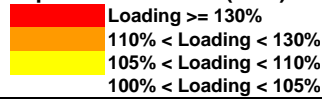
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	LN	143.6	79.1	138.0	104.0	28	1165LINE	21D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	143.4	79.0	138.0	103.9	32	1165LINE	25D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.4	79.4	138.0	100.3	405	PLUMTREE31T	7D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.3	79.4	138.0	100.3	405	PLUMTREE31T	8D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.4	79.4	138.0	100.3	401	PLUMTREE31T	12D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.4	79.4	138.0	100.3	405	PLUMTREE31T	15D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.5	79.4	138.0	100.3	405	PLUMTREE31T	16D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.4	79.4	138.0	100.3	405	PLUMTREE31T	23D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.3	79.3	138.0	100.2	401	PLUMTREE31T	3D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.3	79.3	138.0	100.2	401	PLUMTREE31T	4D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.3	79.3	138.0	100.2	401	PLUMTREE31T	11D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.3	79.3	138.0	100.2	401	PLUMTREE31T	19D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.2	79.3	138.0	100.1	401	PLUMTREE31T	2D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.2	79.3	138.0	100.1	401	PLUMTREE31T	10D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.1	79.2	138.0	100.1	401	PLUMTREE31T	13D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.2	79.3	138.0	100.1	401	PLUMTREE31T	18D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.2	79.3	138.0	100.1	405	PLUMTREE31T	24D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.0	79.2	138.0	100.0	401	PLUMTREE31T	20D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 1	LN	LN	138.0	79.2	138.0	100.0	405	PLUMTREE31T	22D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.6	83.9	166.0	134.7	235	1060-1270DCT	12D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.6	84.0	166.0	134.7	239	1060-1270DCT	16D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.4	83.9	166.0	134.6	239	1060-1270DCT	7D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.4	83.9	166.0	134.6	239	1060-1270DCT	8D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.4	83.9	166.0	134.6	235	1060-1270DCT	11D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.5	83.9	166.0	134.6	239	1060-1270DCT	15D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.4	83.9	166.0	134.6	239	1060-1270DCT	23D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.2	83.8	166.0	134.5	235	1060-1270DCT	2D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.3	83.9	166.0	134.5	235	1060-1270DCT	3D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.3	83.8	166.0	134.5	235	1060-1270DCT	4D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.2	83.8	166.0	134.5	235	1060-1270DCT	10D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.2	83.8	166.0	134.5	235	1060-1270DCT	18D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.3	83.9	166.0	134.5	235	1060-1270DCT	19D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.1	83.8	166.0	134.4	235	1060-1270DCT	13D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.1	83.7	166.0	134.4	239	1060-1270DCT	22D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.2	83.8	166.0	134.4	239	1060-1270DCT	24D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	222.9	83.7	166.0	134.3	235	1060-1270DCT	5D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	223.0	83.7	166.0	134.3	235	1060-1270DCT	20D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	222.7	83.6	166.0	134.2	239	1060-1270DCT	6D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	222.8	83.7	166.0	134.2	235	1060-1270DCT	21D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	222.6	83.6	166.0	134.1	239	1060-1270DCT	9D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	222.6	83.6	166.0	134.1	239	1060-1270DCT	14D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	222.6	83.6	166.0	134.1	239	1060-1270DCT	17D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73176 TRIANGLE 115 2	LN	LN	222.5	83.6	166.0	134.1	239	1060-1270DCT	25D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73268 MDDLDRIV 115 1	LN	LN	360.1	57.8	126.0	285.8	429	TRIANGLE2T	22D (ESC)	FIX	Recond	-700	OFF

List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	360.0	57.9	126.0	285.7	429	TRIANGLE2T	15D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	359.6	57.7	126.0	285.4	429	TRIANGLE2T	6D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	359.4	57.7	126.0	285.3	429	TRIANGLE2T	9D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	359.4	57.7	126.0	285.3	429	TRIANGLE2T	14D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	359.4	57.7	126.0	285.3	429	TRIANGLE2T	17D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	359.3	57.6	126.0	285.2	429	TRIANGLE2T	25D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	356.3	57.8	126.0	282.8	425	TRIANGLE2T	2D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	356.3	57.8	126.0	282.8	425	TRIANGLE2T	10D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	356.3	57.8	126.0	282.8	425	TRIANGLE2T	18D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.8	57.8	126.0	282.4	425	TRIANGLE2T	13D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.7	57.9	126.0	282.3	425	TRIANGLE2T	12D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.6	57.7	126.0	282.2	425	TRIANGLE2T	5D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.6	57.9	126.0	282.2	429	TRIANGLE2T	16D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.5	57.7	126.0	282.2	425	TRIANGLE2T	21D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.5	57.9	126.0	282.2	429	TRIANGLE2T	23D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.5	57.9	126.0	282.1	429	TRIANGLE2T	7D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.3	57.9	126.0	282.0	425	TRIANGLE2T	3D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.3	57.9	126.0	282.0	429	TRIANGLE2T	8D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.3	57.9	126.0	282.0	425	TRIANGLE2T	11D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.3	57.9	126.0	282.0	425	TRIANGLE2T	19D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.2	57.8	126.0	281.9	425	TRIANGLE2T	20D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	355.0	57.8	126.0	281.7	429	TRIANGLE2T	24D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	254.7	57.8	126.0	202.1	425	TRIANGLE2T	4D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.4	57.9	126.0	180.5	234	1060-1165DCT	12D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.4	57.9	126.0	180.5	238	1060-1165DCT	16D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.3	57.9	126.0	180.4	238	1060-1165DCT	15D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.3	57.9	126.0	180.4	238	1060-1165DCT	23D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.1	57.9	126.0	180.3	234	1060-1165DCT	3D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.2	57.9	126.0	180.3	238	1060-1165DCT	7D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.2	57.9	126.0	180.3	238	1060-1165DCT	8D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.2	57.9	126.0	180.3	234	1060-1165DCT	11D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.1	57.9	126.0	180.3	234	1060-1165DCT	19D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.0	57.8	126.0	180.2	234	1060-1165DCT	2D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.1	57.8	126.0	180.2	234	1060-1165DCT	4D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.0	57.8	126.0	180.2	234	1060-1165DCT	10D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	226.9	57.8	126.0	180.1	234	1060-1165DCT	13D (ESC)	FIX	Recond	700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.0	57.8	126.0	180.1	234	1060-1165DCT	18D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	227.0	57.8	126.0	180.1	238	1060-1165DCT	24D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	226.8	57.8	126.0	180.0	238	1060-1165DCT	22D (ESC)	FIX	Recond	-700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	226.6	57.7	126.0	179.9	234	1060-1165DCT	5D (ESC)	FIX	Recond	0	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	226.7	57.8	126.0	179.9	234	1060-1165DCT	20D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	226.5	57.7	126.0	179.8	234	1060-1165DCT	21D (ESC)	FIX	Recond	-700	ON
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	226.5	57.7	126.0	179.7	238	1060-1165DCT	6D (ESC)	FIX	Recond	0	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	226.4	57.7	126.0	179.7	238	1060-1165DCT	9D (ESC)	FIX	Recond	0	OFF

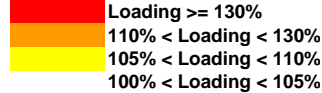
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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 73268	MIDDLRIV 115 1	LN	226.4	57.7	126.0	179.7	238	1060-1165DCT	14D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	226.4	57.7	126.0	179.6	238	1060-1165DCT	17D (ESC)	fix	Recond	700	OFF
73170	PLUMTREE 115 73268	MIDDLRIV 115 1	LN	226.3	57.6	126.0	179.6	238	1060-1165DCT	25D (ESC)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	423.2	184.1	263.0	160.9	292	1867-1880DCT	25D (ESC)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	420.9	181.6	263.0	160.0	292	1867-1880DCT	9D (ESC)	FIX	Recond	0	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	419.7	179.5	263.0	159.6	288	1867-1880DCT	21D (ESC)	FIX	Recond	-700	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	419.0	179.4	263.0	159.3	292	1867-1880DCT	17D (ESC)	fix	Recond	700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	417.4	176.8	263.0	158.7	288	1867-1880DCT	5D (ESC)	FIX	Recond	0	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	415.5	174.7	263.0	158.0	288	1867-1880DCT	13D (ESC)	FIX	Recond	700	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	398.1	152.2	263.0	151.4	292	1867-1880DCT	24D (ESC)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	395.9	148.1	263.0	150.5	288	1867-1880DCT	20D (ESC)	FIX	Recond	-700	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	395.7	149.4	263.0	150.4	292	1867-1880DCT	8D (ESC)	FIX	Recond	0	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	393.7	147.1	263.0	149.7	292	1867-1880DCT	16D (ESC)	fix	Recond	700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	393.4	145.2	263.0	149.6	288	1867-1880DCT	4D (ESC)	FIX	Recond	0	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	391.5	142.9	263.0	148.9	288	1867-1880DCT	12D (ESC)	FIX	Recond	700	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	284.8	145.2	263.0	108.3	242	113091001DCT	4D (ESC)	FIX	Recond	0	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	284.9	142.9	263.0	108.3	242	113091001DCT	12D (ESC)	FIX	Recond	700	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	284.8	148.1	263.0	108.3	242	113091001DCT	20D (ESC)	FIX	Recond	-700	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	284.6	149.4	263.0	108.2	246	113091001DCT	8D (ESC)	FIX	Recond	0	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	284.6	147.1	263.0	108.2	246	113091001DCT	16D (ESC)	fix	Recond	700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	284.5	152.2	263.0	108.2	246	113091001DCT	24D (ESC)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	283.9	176.8	263.0	108.0	242	113091001DCT	5D (ESC)	FIX	Recond	0	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	284.0	174.7	263.0	108.0	242	113091001DCT	13D (ESC)	FIX	Recond	700	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	283.8	181.6	263.0	107.9	246	113091001DCT	9D (ESC)	FIX	Recond	0	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	283.8	179.4	263.0	107.9	246	113091001DCT	17D (ESC)	fix	Recond	700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	283.9	179.5	263.0	107.9	242	113091001DCT	21D (ESC)	FIX	Recond	-700	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	283.7	184.1	263.0	107.9	246	113091001DCT	25D (ESC)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	272.8	184.1	263.0	103.7	391	NORWALKST2	25D (ESC)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	271.0	184.1	263.0	103.0	259	1416-1880DCT	25D (ESC)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	270.6	184.1	263.0	102.9	296	1880-1977DCT	25D (ESC)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	270.2	181.6	263.0	102.7	391	NORWALKST2	9D (ESC)	FIX	Recond	0	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	269.0	184.1	263.0	102.3	370	GLENBROOK3T	25D (ESC)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	268.8	181.6	263.0	102.2	259	1416-1880DCT	9D (ESC)	FIX	Recond	0	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	268.7	184.1	263.0	102.2	156	1880LINE	25D (ESC)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	268.6	184.1	263.0	102.1	199	91001LINE	25D (ESC)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	268.4	181.6	263.0	102.0	296	1880-1977DCT	9D (ESC)	FIX	Recond	0	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	268.2	184.1	263.0	102.0	258	1416-1867DCT	25D (ESC)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	268.3	184.1	263.0	102.0	294	1867-1977DCT	25D (ESC)	FIX	Recond	-700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	268.0	181.6	263.0	101.9	199	91001LINE	9D (ESC)	FIX	Recond	0	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	268.0	179.5	263.0	101.9	387	NORWALKST2	21D (ESC)	FIX	Recond	-700	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	267.8	179.4	263.0	101.8	391	NORWALKST2	17D (ESC)	fix	Recond	700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	267.6	179.5	263.0	101.8	195	91001LINE	21D (ESC)	FIX	Recond	-700	ON
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	267.5	179.4	263.0	101.7	199	91001LINE	17D (ESC)	fix	Recond	700	OFF
73171	NWLK HAR 115 73237	ELYAVE 115 1	LN	267.1	184.1	263.0	101.6	153	1867LINE	25D (ESC)	FIX	Recond	-700	OFF

List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	267.0	176.8	263.0	101.5	195	91001LINE	5D (ESC)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	266.8	179.4	263.0	101.5	259	1416-1880DCT	17D (ESC)	fix	Recond	700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	266.9	179.5	263.0	101.5	255	1416-1880DCT	21D (ESC)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	266.6	181.6	263.0	101.4	370	GLENBROOK3T	9D (ESC)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	266.3	181.6	263.0	101.3	156	1880LINE	9D (ESC)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	266.5	174.7	263.0	101.3	195	91001LINE	13D (ESC)	FIX	Recond	700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	266.4	179.4	263.0	101.3	296	1880-1977DCT	17D (ESC)	fix	Recond	700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	266.5	179.5	263.0	101.3	292	1880-1977DCT	21D (ESC)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	266.1	181.6	263.0	101.2	294	1867-1977DCT	9D (ESC)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	266.0	181.6	263.0	101.1	258	1416-1867DCT	9D (ESC)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	265.3	176.8	263.0	100.9	387	NORWALKST2	5D (ESC)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	265.5	184.1	263.0	100.9	366	FLAXHILL2T	25D (ESC)	FIX	Recond	-700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.7	181.6	263.0	100.7	153	1867LINE	9D (ESC)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.7	176.8	263.0	100.6	255	1416-1880DCT	5D (ESC)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.5	179.4	263.0	100.6	370	GLENBROOK3T	17D (ESC)	fix	Recond	700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.5	179.5	263.0	100.6	366	GLENBROOK3T	21D (ESC)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.2	176.8	263.0	100.5	292	1880-1977DCT	5D (ESC)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.2	179.4	263.0	100.5	156	1880LINE	17D (ESC)	fix	Recond	700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.2	179.4	263.0	100.5	294	1867-1977DCT	17D (ESC)	fix	Recond	700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.3	179.5	263.0	100.5	152	1880LINE	21D (ESC)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.2	179.5	263.0	100.5	290	1867-1977DCT	21D (ESC)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.1	179.4	263.0	100.4	258	1416-1867DCT	17D (ESC)	fix	Recond	700	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	264.2	179.5	263.0	100.4	254	1416-1867DCT	21D (ESC)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	263.2	181.6	263.0	100.1	366	FLAXHILL2T	9D (ESC)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73237 ELYAVE 115 1	LN	263.1	174.7	263.0	100.0	387	NORWALKST2	13D (ESC)	FIX	Recond	700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	317.0	188.0	304.0	104.3	291	1880-1890DCT	4D (ESC)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	317.0	185.1	304.0	104.3	295	1880-1890DCT	8D (ESC)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	317.0	189.0	304.0	104.3	291	1880-1890DCT	12D (ESC)	FIX	Recond	700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	317.0	186.0	304.0	104.3	295	1880-1890DCT	16D (ESC)	fix	Recond	700	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	317.1	186.9	304.0	104.3	291	1880-1890DCT	20D (ESC)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	317.0	183.9	304.0	104.3	295	1880-1890DCT	24D (ESC)	FIX	Recond	-700	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.7	173.0	304.0	104.2	291	1880-1890DCT	5D (ESC)	FIX	Recond	0	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.7	170.4	304.0	104.2	295	1880-1890DCT	9D (ESC)	FIX	Recond	0	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.7	174.1	304.0	104.2	291	1880-1890DCT	13D (ESC)	FIX	Recond	700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.7	171.6	304.0	104.2	295	1880-1890DCT	17D (ESC)	fix	Recond	700	OFF	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.8	171.9	304.0	104.2	291	1880-1890DCT	21D (ESC)	FIX	Recond	-700	ON	
73171	NWLK HAR 115 73271 RYTN J B 115 1	LN	316.7	169.2	304.0	104.2	295	1880-1890DCT	25D (ESC)	FIX	Recond	-700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	511.3	266.5	256.0	199.7	259	1416-1880DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	507.6	264.1	256.0	198.3	259	1416-1880DCT	6D (ESC)	FIX	Recond	0	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	505.3	262.0	256.0	197.4	255	1416-1880DCT	18D (ESC)	FIX	Recond	-700	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	504.8	262.3	256.0	197.2	259	1416-1880DCT	14D (ESC)	fix	Recond	700	OFF	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	502.1	259.9	256.0	196.1	255	1416-1880DCT	2D (ESC)	FIX	Recond	0	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	499.7	258.3	256.0	195.2	255	1416-1880DCT	10D (ESC)	FIX	Recond	700	ON	
73172	NORWALK 115 73207 FLAX HIL 115 1	LN	496.9	255.9	256.0	194.1	259	1416-1880DCT	23D (ESC)	FIX	Recond	-700	OFF	

List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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	493.6	253.7	256.0	192.8	259	1416-1880DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	491.5	251.8	256.0	192.0	255	1416-1880DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	491.0	251.9	256.0	191.8	259	1416-1880DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	488.2	249.6	256.0	190.7	255	1416-1880DCT	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	485.7	247.9	256.0	189.7	255	1416-1880DCT	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	484.1	266.5	256.0	189.1	296	1880-1977DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	480.5	264.1	256.0	187.7	296	1880-1977DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	478.1	262.0	256.0	186.8	292	1880-1977DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	477.7	262.3	256.0	186.6	296	1880-1977DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	475.0	259.9	256.0	185.5	292	1880-1977DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	472.6	258.3	256.0	184.6	292	1880-1977DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	469.9	255.9	256.0	183.5	296	1880-1977DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	466.6	253.7	256.0	182.2	296	1880-1977DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	464.5	251.8	256.0	181.4	292	1880-1977DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	463.9	251.9	256.0	181.2	296	1880-1977DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	461.2	249.6	256.0	180.2	292	1880-1977DCT	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	458.7	247.9	256.0	179.2	292	1880-1977DCT	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	423.1	266.5	256.0	165.3	246	113091001DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	421.7	264.1	256.0	164.7	246	113091001DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	421.0	262.0	256.0	164.5	242	113091001DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	420.7	262.3	256.0	164.4	246	113091001DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	420.1	259.9	256.0	164.1	242	113091001DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	419.5	258.3	256.0	163.9	242	113091001DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	419.2	266.5	256.0	163.8	370	GLENBROOK3T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	418.4	255.9	256.0	163.5	246	113091001DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	418.2	266.5	256.0	163.4	391	NORWALKST2	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	417.6	266.5	256.0	163.1	156	1880LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	417.6	266.5	256.0	163.1	395	NORWLKHAR4T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	417.3	253.7	256.0	163.0	246	113091001DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	417.1	251.8	256.0	162.9	242	113091001DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	416.4	251.9	256.0	162.6	246	113091001DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	416.0	249.6	256.0	162.5	242	113091001DCT	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	415.2	247.9	256.0	162.2	242	113091001DCT	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	415.1	264.1	256.0	162.1	370	GLENBROOK3T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	413.6	264.1	256.0	161.6	156	1880LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	413.7	264.1	256.0	161.6	391	NORWALKST2	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	413.6	264.1	256.0	161.6	395	NORWLKHAR4T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	411.9	262.3	256.0	160.9	370	GLENBROOK3T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	412.0	262.0	256.0	160.9	366	GLENBROOK3T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	411.1	262.0	256.0	160.6	152	1880LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	411.1	262.0	256.0	160.6	387	NORWALKST2	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	411.1	262.0	256.0	160.6	391	NORWLKHAR4T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	410.5	262.3	256.0	160.4	156	1880LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	410.5	262.3	256.0	160.4	395	NORWLKHAR4T	14D (ESC)	fix	Recond	700	OFF	

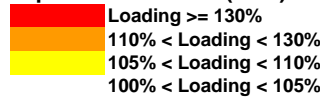
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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	410.3	262.3	256.0	160.3	391	NORWALKST2	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	408.3	259.9	256.0	159.5	366	GLENBROOK3T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	407.3	259.9	256.0	159.1	152	1880LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	407.3	259.9	256.0	159.1	391	NORWLKHAR4T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	407.0	259.9	256.0	159.0	387	NORWALKST2	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	405.5	258.3	256.0	158.4	366	GLENBROOK3T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	404.4	258.3	256.0	158.0	152	1880LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	404.4	258.3	256.0	158.0	391	NORWLKHAR4T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	403.7	258.3	256.0	157.7	387	NORWALKST2	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	402.0	255.9	256.0	157.0	370	GLENBROOK3T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	401.3	255.9	256.0	156.7	156	1880LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	401.3	255.9	256.0	156.7	395	NORWLKHAR4T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	399.7	255.9	256.0	156.1	391	NORWALKST2	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	398.3	266.5	256.0	155.6	295	1880-1890DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	398.1	253.7	256.0	155.5	370	GLENBROOK3T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	397.4	253.7	256.0	155.2	156	1880LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	397.4	253.7	256.0	155.2	395	NORWLKHAR4T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	396.1	264.1	256.0	154.7	295	1880-1890DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	395.5	253.7	256.0	154.5	391	NORWALKST2	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	395.3	251.8	256.0	154.4	366	GLENBROOK3T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	395.1	251.9	256.0	154.3	370	GLENBROOK3T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	394.6	251.8	256.0	154.2	152	1880LINE	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	394.6	251.8	256.0	154.2	391	NORWLKHAR4T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	394.4	262.3	256.0	154.1	295	1880-1890DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	394.4	251.9	256.0	154.1	156	1880LINE	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	394.4	251.9	256.0	154.1	395	NORWLKHAR4T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	393.9	262.0	256.0	153.9	291	1880-1890DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	392.6	251.8	256.0	153.3	387	NORWALKST2	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	392.0	251.9	256.0	153.1	391	NORWALKST2	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	391.8	259.9	256.0	153.0	291	1880-1890DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	391.5	249.6	256.0	152.9	366	GLENBROOK3T	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	390.8	249.6	256.0	152.7	152	1880LINE	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	390.8	249.6	256.0	152.7	391	NORWLKHAR4T	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	390.2	258.3	256.0	152.4	291	1880-1890DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	390.0	266.5	256.0	152.4	245	1130-1430DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	388.8	264.1	256.0	151.9	245	1130-1430DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	388.5	247.9	256.0	151.8	366	GLENBROOK3T	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	388.3	249.6	256.0	151.7	387	NORWALKST2	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	387.9	247.9	256.0	151.5	152	1880LINE	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	387.9	247.9	256.0	151.5	391	NORWLKHAR4T	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	387.9	262.3	256.0	151.5	245	1130-1430DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	387.9	262.0	256.0	151.5	241	1130-1430DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	387.9	255.9	256.0	151.5	295	1880-1890DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	387.4	266.5	256.0	151.3	260	1416-1890DCT	22D (ESC)	FIX	Recond	-700	OFF	

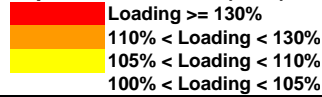
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	387.2	259.9	256.0	151.2	241	1130-1430DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	386.7	258.3	256.0	151.1	241	1130-1430DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	386.2	264.1	256.0	150.9	260	1416-1890DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	385.7	253.7	256.0	150.7	295	1880-1890DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	385.7	255.9	256.0	150.7	245	1130-1430DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	385.4	262.3	256.0	150.5	260	1416-1890DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	385.3	262.0	256.0	150.5	256	1416-1890DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	385.0	247.9	256.0	150.4	387	NORWALKST2	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	384.8	253.7	256.0	150.3	245	1130-1430DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	384.6	259.9	256.0	150.2	256	1416-1890DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	384.4	251.8	256.0	150.2	241	1130-1430DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	384.2	258.3	256.0	150.1	256	1416-1890DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	384.0	251.9	256.0	150.0	245	1130-1430DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	384.1	251.9	256.0	150.0	295	1880-1890DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	384.0	251.8	256.0	150.0	291	1880-1890DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	383.5	249.6	256.0	149.8	241	1130-1430DCT	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	383.2	255.9	256.0	149.7	260	1416-1890DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	382.9	247.9	256.0	149.6	241	1130-1430DCT	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	382.3	253.7	256.0	149.3	260	1416-1890DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	381.9	249.6	256.0	149.2	291	1880-1890DCT	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	381.9	251.8	256.0	149.2	256	1416-1890DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	381.6	251.9	256.0	149.1	260	1416-1890DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	381.0	249.6	256.0	148.8	256	1416-1890DCT	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	380.4	247.9	256.0	148.6	256	1416-1890DCT	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	380.2	247.9	256.0	148.5	291	1880-1890DCT	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	363.8	266.5	256.0	142.1	297	1890-1977DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	362.7	264.1	256.0	141.7	297	1890-1977DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	361.9	262.3	256.0	141.4	297	1890-1977DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	361.9	262.0	256.0	141.4	293	1890-1977DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	361.1	259.9	256.0	141.1	293	1890-1977DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	360.6	258.3	256.0	140.9	293	1890-1977DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	359.7	255.9	256.0	140.5	297	1890-1977DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	358.8	253.7	256.0	140.2	297	1890-1977DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	358.4	251.8	256.0	140.0	293	1890-1977DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	358.1	251.9	256.0	139.9	297	1890-1977DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	357.6	249.6	256.0	139.7	293	1890-1977DCT	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	357.0	247.9	256.0	139.4	293	1890-1977DCT	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	340.0	266.5	256.0	132.8	199	91001LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	337.9	264.1	256.0	132.0	199	91001LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	336.5	262.0	256.0	131.5	195	91001LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	336.5	262.3	256.0	131.4	199	91001LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	334.9	259.9	256.0	130.8	195	91001LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	333.7	258.3	256.0	130.3	195	91001LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	332.0	255.9	256.0	129.7	199	91001LINE	23D (ESC)	FIX	Recond	-700	OFF	

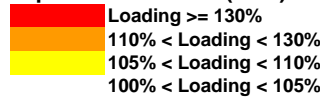
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	330.2	253.7	256.0	129.0	199	91001LINE	7D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	329.2	251.8	256.0	128.6	195	91001LINE	19D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	328.8	251.9	256.0	128.4	199	91001LINE	15D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	327.4	249.6	256.0	127.9	195	91001LINE	3D (ESC)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	326.0	247.9	256.0	127.4	195	91001LINE	11D (ESC)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	322.9	266.5	256.0	126.1	394	NORWLKHAR3T	22D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	319.7	266.5	256.0	124.9	28	1130LINE	22D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	319.2	264.1	256.0	124.7	394	NORWLKHAR3T	6D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	319.1	266.5	256.0	124.7	327	ASHCREKBKR	22D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	266.5	266.5	214.0	124.5		** Base Case **	22D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	317.7	264.1	256.0	124.1	28	1130LINE	6D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	317.8	266.5	256.0	124.1	399	PEQUON12TSTK	22D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	317.3	264.1	256.0	123.9	327	ASHCREKBKR	6D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	316.2	262.3	256.0	123.5	28	1130LINE	14D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	316.1	262.3	256.0	123.5	394	NORWLKHAR3T	14D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	264.1	264.1	214.0	123.4		** Base Case **	6D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	315.9	262.3	256.0	123.4	327	ASHCREKBKR	14D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	316.0	262.0	256.0	123.4	24	1130LINE	18D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	315.8	262.0	256.0	123.4	390	NORWLKHAR3T	18D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	315.6	264.1	256.0	123.3	399	PEQUON12TSTK	6D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	315.8	262.0	256.0	123.3	323	ASHCREKBKR	18D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	314.3	259.9	256.0	122.8	24	1130LINE	2D (ESC)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	314.2	259.9	256.0	122.7	323	ASHCREKBKR	2D (ESC)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	262.3	262.3	214.0	122.6		** Base Case **	14D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	313.9	262.3	256.0	122.6	399	PEQUON12TSTK	14D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	313.9	266.5	256.0	122.6	59	1430LINE	22D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	313.5	262.0	256.0	122.5	395	PEQUON12TSTK	18D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	262.0	262.0	214.0	122.4		** Base Case **	18D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	313.1	258.3	256.0	122.3	24	1130LINE	10D (ESC)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	313.2	258.3	256.0	122.3	323	ASHCREKBKR	10D (ESC)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	312.0	259.9	256.0	121.9	390	NORWLKHAR3T	2D (ESC)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	312.0	264.1	256.0	121.9	59	1430LINE	6D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	311.6	259.9	256.0	121.7	395	PEQUON12TSTK	2D (ESC)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	311.2	255.9	256.0	121.6	28	1130LINE	23D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	311.4	255.9	256.0	121.6	327	ASHCREKBKR	23D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	259.9	259.9	214.0	121.4		** Base Case **	2D (ESC)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	310.6	262.3	256.0	121.3	59	1430LINE	14D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	310.6	262.0	256.0	121.3	55	1430LINE	18D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	310.4	266.5	256.0	121.2	29	1130+1416LNS	22D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	310.0	258.3	256.0	121.1	395	PEQUON12TSTK	10D (ESC)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	309.8	253.7	256.0	121.0	327	ASHCREKBKR	7D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	309.3	253.7	256.0	120.8	28	1130LINE	7D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	309.1	258.3	256.0	120.8	390	NORWLKHAR3T	10D (ESC)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	LN	309.0	259.9	256.0	120.7	55	1430LINE	2D (ESC)	FIX	Recond	0	ON

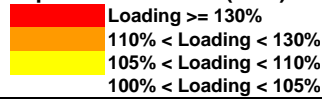
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	258.3	258.3	214.0	120.7	**	Base Case	**	10D (ESC)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	308.9	266.5	256.0	120.7	409	SASCOCR1T		22D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	308.4	264.1	256.0	120.5	29	1130+1416LNS		6D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	308.6	251.9	256.0	120.5	327	ASHCREKBKR		15D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	308.5	251.8	256.0	120.5	323	ASHCREKBKR		19D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	308.6	266.5	256.0	120.5	371	GLENBROOK8T		22D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	308.1	266.5	256.0	120.4	58	1416LINE		22D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	308.2	266.5	256.0	120.4	158	1890LINE		22D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	308.2	266.5	256.0	120.4	392	NORWLKHAR1T		22D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	307.9	258.3	256.0	120.3	55	1430LINE		10D (ESC)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	307.9	251.9	256.0	120.3	28	1130LINE		15D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	308.0	251.8	256.0	120.3	24	1130LINE		19D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	307.7	255.9	256.0	120.2	399	PEQUON12TSTK		23D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	307.1	264.1	256.0	120.0	409	SASCOCR1T		6D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	307.0	249.6	256.0	119.9	323	ASHCREKBKR		3D (ESC)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	306.9	262.3	256.0	119.9	29	1130+1416LNS		14D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	306.8	264.1	256.0	119.8	371	GLENBROOK8T		6D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	306.7	262.0	256.0	119.8	25	1130+1416LNS		18D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	306.4	264.1	256.0	119.7	158	1890LINE		6D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	306.4	264.1	256.0	119.7	392	NORWLKHAR1T		6D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	306.3	255.9	256.0	119.7	59	1430LINE		23D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	306.2	249.6	256.0	119.6	24	1130LINE		3D (ESC)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	306.1	264.1	256.0	119.6	58	1416LINE		6D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	255.9	255.9	214.0	119.6	**	Base Case	**	23D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	305.8	247.9	256.0	119.5	323	ASHCREKBKR		11D (ESC)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	305.7	253.7	256.0	119.4	399	PEQUON12TSTK		7D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	305.7	262.3	256.0	119.4	409	SASCOCR1T		14D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	305.6	262.0	256.0	119.4	405	SASCOCR1T		18D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	305.4	262.3	256.0	119.3	371	GLENBROOK8T		14D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	305.5	255.9	256.0	119.3	394	NORWLKHAR3T		23D (ESC)	FIX	Recond	-700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	305.0	262.3	256.0	119.2	158	1890LINE		14D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	305.0	262.3	256.0	119.2	392	NORWLKHAR1T		14D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	305.2	262.0	256.0	119.2	367	GLENBROOK8T		18D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	305.0	259.9	256.0	119.1	25	1130+1416LNS		2D (ESC)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	304.8	247.9	256.0	119.1	24	1130LINE		11D (ESC)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	304.9	262.0	256.0	119.1	154	1890LINE		18D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	304.9	262.0	256.0	119.1	388	NORWLKHAR1T		18D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	304.7	253.7	256.0	119.0	59	1430LINE		7D (ESC)	FIX	Recond	0	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	304.6	262.3	256.0	119.0	58	1416LINE		14D (ESC)	fix	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	304.5	262.0	256.0	118.9	54	1416LINE		18D (ESC)	FIX	Recond	-700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	304.1	259.9	256.0	118.8	405	SASCOCR1T		2D (ESC)	FIX	Recond	0	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	304.2	251.9	256.0	118.8	399	PEQUON12TSTK		15D (ESC)	FIX	Recond	700	OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	303.8	258.3	256.0	118.7	25	1130+1416LNS		10D (ESC)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	303.9	251.8	256.0	118.7	395	PEQUON12TSTK		19D (ESC)	FIX	Recond	-700	ON

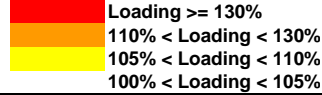
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	303.7	259.9	256.0	118.6	367	GLENBROOK8T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	303.5	251.8	256.0	118.6	55	1430LINE	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	303.4	259.9	256.0	118.5	154	1890LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	303.4	259.9	256.0	118.5	388	NORWLKHAR1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	253.7	253.7	214.0	118.5		** Base Case **	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	303.4	251.9	256.0	118.5	59	1430LINE	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	303.1	258.3	256.0	118.4	405	SASCOCR1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	302.8	259.9	256.0	118.3	54	1416LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	302.7	258.3	256.0	118.2	367	GLENBROOK8T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	302.3	258.3	256.0	118.1	154	1890LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	302.3	258.3	256.0	118.1	388	NORWLKHAR1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	301.9	249.6	256.0	117.9	55	1430LINE	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	301.8	249.6	256.0	117.9	395	PEQUON12TSTK	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	301.7	253.7	256.0	117.9	394	NORWLKHAR3T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	301.9	255.9	256.0	117.9	29	1130+1416LNS	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	301.6	258.3	256.0	117.8	54	1416LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	251.9	251.9	214.0	117.7		** Base Case **	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	251.8	251.8	214.0	117.7		** Base Case **	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	301.4	255.9	256.0	117.7	409	SASCOCR1T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	301.0	255.9	256.0	117.6	371	GLENBROOK8T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	300.7	255.9	256.0	117.5	158	1890LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	300.7	255.9	256.0	117.5	392	NORWLKHAR1T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	300.7	247.9	256.0	117.4	55	1430LINE	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	300.3	247.9	256.0	117.3	395	PEQUON12TSTK	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	300.1	253.7	256.0	117.2	29	1130+1416LNS	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	299.8	253.7	256.0	117.1	409	SASCOCR1T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	299.8	255.9	256.0	117.1	58	1416LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	299.4	253.7	256.0	116.9	371	GLENBROOK8T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	299.1	253.7	256.0	116.8	158	1890LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	299.1	253.7	256.0	116.8	392	NORWLKHAR1T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	298.7	251.9	256.0	116.7	29	1130+1416LNS	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	298.7	251.9	256.0	116.7	394	NORWLKHAR3T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	298.7	251.8	256.0	116.7	25	1130+1416LNS	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	298.7	251.8	256.0	116.7	390	NORWLKHAR3T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	249.6	249.6	214.0	116.6		** Base Case **	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	298.6	251.9	256.0	116.6	409	SASCOCR1T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	298.6	251.8	256.0	116.6	405	SASCOCR1T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	298.1	251.8	256.0	116.5	367	GLENBROOK8T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	298.4	266.5	256.0	116.5	344	DARIENIT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	298.0	253.7	256.0	116.4	58	1416LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	298.1	251.9	256.0	116.4	371	GLENBROOK8T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	297.9	251.8	256.0	116.4	154	1890LINE	15D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	297.9	251.8	256.0	116.4	388	NORWLKHAR1T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	297.8	251.9	256.0	116.3	158	1890LINE	15D (ESC)	fix	Recond	700	OFF	

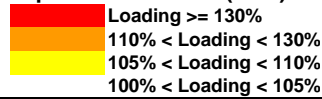
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	297.8	251.9	256.0	116.3	392	NORWLKHAR1T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	296.9	249.6	256.0	116.0	25	1130+1416LNS	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	297.0	249.6	256.0	116.0	405	SASCOCR1T	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	247.9	247.9	214.0	115.9	**	Base Case	**	11D (ESC)	FIX	Recond	700	ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	296.6	251.8	256.0	115.9	54	1416LINE	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	296.5	249.6	256.0	115.8	367	GLENBROOK8T	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	296.4	264.1	256.0	115.8	344	DARIEN1T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	296.6	251.9	256.0	115.8	58	1416LINE	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	296.3	249.6	256.0	115.7	154	1890LINE	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	296.3	249.6	256.0	115.7	388	NORWLKHAR1T	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	295.8	247.9	256.0	115.6	405	SASCOCR1T	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	295.6	247.9	256.0	115.5	25	1130+1416LNS	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	295.3	247.9	256.0	115.4	367	GLENBROOK8T	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	295.1	247.9	256.0	115.3	154	1890LINE	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	295.1	247.9	256.0	115.3	388	NORWLKHAR1T	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	295.2	266.5	256.0	115.3	412	SOUTHEND6T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	294.8	249.6	256.0	115.2	54	1416LINE	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	295.0	249.6	256.0	115.2	390	NORWLKHAR3T	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	295.0	262.3	256.0	115.2	344	DARIEN1T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	294.7	262.0	256.0	115.1	340	DARIEN1T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	294.6	266.5	256.0	115.1	164	1977LINENEW	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	293.3	264.1	256.0	114.6	412	SOUTHEND6T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	293.5	247.9	256.0	114.6	54	1416LINE	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	293.1	259.9	256.0	114.5	340	DARIEN1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	292.6	264.1	256.0	114.3	164	1977LINENEW	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	291.9	258.3	256.0	114.0	340	DARIEN1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	291.9	247.9	256.0	114.0	390	NORWLKHAR3T	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	291.8	262.3	256.0	114.0	412	SOUTHEND6T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	291.6	262.0	256.0	113.9	408	SOUTHEND6T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	291.1	262.3	256.0	113.7	164	1977LINENEW	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	290.9	262.0	256.0	113.6	160	1977LINENEW	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	289.9	255.9	256.0	113.3	344	DARIEN1T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	289.9	259.9	256.0	113.2	408	SOUTHEND6T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	289.2	259.9	256.0	113.0	160	1977LINENEW	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	288.7	258.3	256.0	112.8	408	SOUTHEND6T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	288.2	253.7	256.0	112.6	344	DARIEN1T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	288.1	258.3	256.0	112.5	160	1977LINENEW	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	286.9	251.9	256.0	112.1	344	DARIEN1T	15D (ESC)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	286.8	251.8	256.0	112.0	340	DARIEN1T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	286.8	255.9	256.0	112.0	412	SOUTHEND6T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	286.1	255.9	256.0	111.8	164	1977LINENEW	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	285.7	266.5	256.0	111.6	411	SOUTHEND5T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	285.1	249.6	256.0	111.4	340	DARIEN1T	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	285.0	253.7	256.0	111.3	412	SOUTHEND6T	7D (ESC)	FIX	Recond	0	OFF	

List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	284.4	253.7	256.0	111.1	164	1977LINENEW	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	283.8	264.1	256.0	110.9	411	SOUTHEND5T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	283.8	247.9	256.0	110.9	340	DARIEN1T	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	283.9	251.8	256.0	110.9	408	SOUTHEND6T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	283.7	251.9	256.0	110.8	412	SOUTHEND6T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	283.2	262.3	256.0	110.6	202	312LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	283.2	262.3	256.0	110.6	203	312+393LNS	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	283.2	262.3	256.0	110.6	204	312+393REAC	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	282.9	262.3	256.0	110.5	456	NOMNTSTBKR	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	282.9	262.3	256.0	110.5	457	NMSTBKREAC	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	283.0	251.9	256.0	110.5	164	1977LINENEW	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	283.0	251.8	256.0	110.5	160	1977LINENEW	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	282.4	262.3	256.0	110.3	411	SOUTHEND5T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	282.1	262.0	256.0	110.2	407	SOUTHEND5T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	281.9	249.6	256.0	110.1	408	SOUTHEND6T	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	281.2	249.6	256.0	109.9	160	1977LINENEW	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	281.4	251.8	256.0	109.9	224	387LINE	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	281.2	251.8	256.0	109.9	295	1460-387DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	281.0	262.3	256.0	109.8	229	393LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	281.0	266.5	256.0	109.8	298	8100-8200DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	281.2	266.5	256.0	109.8	474	SNGPEQ-XFR	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	280.5	259.9	256.0	109.6	407	SOUTHEND5T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	280.6	247.9	256.0	109.6	408	SOUTHEND6T	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	280.1	262.0	256.0	109.4	294	8100-8200DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	279.9	247.9	256.0	109.3	160	1977LINENEW	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	279.3	258.3	256.0	109.1	407	SOUTHEND5T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	278.5	264.1	256.0	108.8	298	8100-8200DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	278.4	264.1	256.0	108.8	474	SNGPEQ-XFR	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	278.1	258.3	256.0	108.6	198	312LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	278.1	258.3	256.0	108.6	199	312+393LNS	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	278.1	258.3	256.0	108.6	200	312+393REAC	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	277.8	259.9	256.0	108.5	294	8100-8200DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	277.8	258.3	256.0	108.5	452	NOMNTSTBKR	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	277.8	258.3	256.0	108.5	453	NMSTBKREAC	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	277.4	255.9	256.0	108.4	411	SOUTHEND5T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	277.2	262.0	256.0	108.3	224	387LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	277.2	255.9	256.0	108.3	228	387LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	276.5	262.3	256.0	108.0	298	8100-8200DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	276.6	262.0	256.0	108.0	295	1460-387DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	276.4	255.9	256.0	108.0	299	1460-387DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	276.1	258.3	256.0	107.9	294	8100-8200DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	276.3	262.3	256.0	107.9	474	SNGPEQ-XFR	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	276.1	266.5	256.0	107.9	356	DEVON24TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	275.9	258.3	256.0	107.8	225	393LINE	10D (ESC)	FIX	Recond	700	ON	

List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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	275.7	249.6	256.0	107.7	224	387LINE	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	275.7	253.7	256.0	107.7	411	SOUTHEND5T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	275.6	262.0	256.0	107.7	470	SNGPEQ-XFR	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	275.8	266.5	256.0	107.7	254	1310-1763DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	275.3	249.6	256.0	107.6	295	1460-387DCT	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.6	247.9	256.0	107.3	228	398LINE	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.6	247.9	256.0	107.3	229	398LREAC	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.5	264.1	256.0	107.2	202	312LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.5	264.1	256.0	107.2	203	312+393LNS	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.5	264.1	256.0	107.2	204	312+393REAC	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.6	264.1	256.0	107.2	456	NOMNTSTBKR	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.6	264.1	256.0	107.2	457	NMSTBKREAC	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.4	251.9	256.0	107.2	411	SOUTHEND5T	15D (ESC)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	274.2	251.8	256.0	107.1	407	SOUTHEND5T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.8	264.1	256.0	107.0	356	DEVON24TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.6	251.9	256.0	106.9	232	398LINE	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.6	251.9	256.0	106.9	233	398LREAC	15D (ESC)	FIX	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.3	264.1	256.0	106.8	254	1310-1763DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.2	259.9	256.0	106.7	470	SNGPEQ-XFR	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.1	266.5	256.0	106.7	228	387LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.2	266.5	256.0	106.7	267	1560-1570DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	273.2	266.5	256.0	106.7	426	STEVENSNSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.5	249.6	256.0	106.5	407	SOUTHEND5T	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.5	264.1	256.0	106.5	229	393LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.6	266.5	256.0	106.5	247	1163-1550D-2	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.6	266.5	256.0	106.5	287	1770-1887DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.6	266.5	256.0	106.5	289	1800-1810DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.6	266.5	256.0	106.5	422	SOTHNGTN24T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.6	266.5	256.0	106.5	425	SOTHNGTN28T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.6	266.5	256.0	106.5	427	STONYHILL1T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.4	266.5	256.0	106.4	386	MIXAVE1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.4	266.5	256.0	106.4	431	TRIANGLE4T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.0	262.3	256.0	106.3	356	DEVON24TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	272.0	266.5	256.0	106.2	265	1505-1607DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.7	266.5	256.0	106.1	299	1460-387DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.4	259.9	256.0	106.0	224	387LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.4	253.7	256.0	106.0	228	387LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.3	258.3	256.0	106.0	470	SNGPEQ-XFR	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.3	247.9	256.0	106.0	407	SOUTHEND5T	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.5	262.3	256.0	106.0	254	1310-1763DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.3	262.0	256.0	106.0	250	1310-1763DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	271.4	266.5	256.0	106.0	428	TRPFALLST1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.8	264.1	256.0	105.8	267	1560-1570DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.9	247.9	256.0	105.8	224	387LINE	11D (ESC)	FIX	Recond	700	ON	

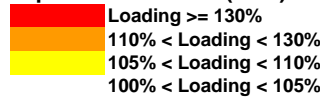
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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	270.6	259.9	256.0	105.7	295	1460-387DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.6	262.0	256.0	105.7	352	DEVON24TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.5	266.5	256.0	105.7	268	1570-1575DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.6	266.5	256.0	105.7	330	BATESROCK1T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.7	266.5	256.0	105.7	343	COLONY1T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.7	266.5	256.0	105.7	406	QUINIPACST1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.2	264.1	256.0	105.6	289	1800-1810DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.2	264.1	256.0	105.6	422	SOTHNGTN24T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.4	264.1	256.0	105.6	426	STEVENSNSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.3	253.7	256.0	105.6	299	1460-387DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.4	247.9	256.0	105.6	295	1460-387DCT	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.4	266.5	256.0	105.6	290	1800-1825DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.2	266.5	256.0	105.6	475	DEV-XFR	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.2	264.1	256.0	105.5	247	1163-1550D-2	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.1	264.1	256.0	105.5	287	1770-1887DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.0	264.1	256.0	105.5	386	MIXAVE1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.2	264.1	256.0	105.5	425	SOTHNGTN28T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.1	264.1	256.0	105.5	427	STONYHILL1T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.0	264.1	256.0	105.5	431	TRIANGLE4T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.1	266.5	256.0	105.5	253	1280-1870DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.1	266.5	256.0	105.5	379	GREENHLL2T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.0	266.5	256.0	105.5	408	SACKETST1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.2	266.5	256.0	105.5	476	ESHR-XFR	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	270.2	266.5	256.0	105.5	478	NEWDEV2	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.8	266.5	256.0	105.4	69	1500LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.8	266.5	256.0	105.4	88	1605LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.8	266.5	256.0	105.4	444	WOODMNT1TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.5	259.9	256.0	105.3	452	NOMNTSTBKR	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.5	259.9	256.0	105.3	453	NMSTBKREAC	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	264.1	256.0	105.3	265	1505-1607DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	266.5	256.0	105.3	70	1505LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	266.5	256.0	105.3	123	1760+1876LNS	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.7	266.5	256.0	105.3	243	1100-1200DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.7	266.5	256.0	105.3	252	1272-1721DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	266.5	256.0	105.3	255	1355-1610DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.5	266.5	256.0	105.3	331	BECONFLSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	266.5	256.0	105.3	341	BUNKERH2T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.7	266.5	256.0	105.3	385	MLLRVR2TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.5	266.5	256.0	105.3	404	PLUMTREE28T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	266.5	256.0	105.3	415	SOTHNGTN13T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.6	266.5	256.0	105.3	430	TRIANGLE3T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	259.9	256.0	105.2	198	312LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	259.9	256.0	105.2	199	312+393LNS	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	259.9	256.0	105.2	200	312+393REAC	2D (ESC)	FIX	Recond	0	ON	

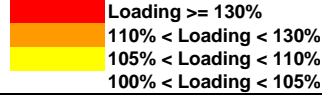
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	269.3	251.9	256.0	105.2	456	NOMNTSTBKR	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	251.9	256.0	105.2	457	NMSTBKREAC	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	266.5	256.0	105.2	257	1394-1515DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	266.5	256.0	105.2	382	HAWTHORNST	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.3	266.5	256.0	105.2	384	MLLRVRTSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.4	266.5	256.0	105.2	419	SOTHNGTN20T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.2	259.9	256.0	105.1	250	1310-1763DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.0	264.1	256.0	105.1	428	TRPFALLST1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.0	262.3	256.0	105.1	267	1560-1570DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	266.5	256.0	105.1	52	1355LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	266.5	256.0	105.1	104	1690LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	266.5	256.0	105.1	210	347LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	266.5	256.0	105.1	211	347LREAC	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.9	266.5	256.0	105.1	270	1575-1585DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	266.5	256.0	105.1	280	1670-1830DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.0	266.5	256.0	105.1	339	BROADWYST1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.9	266.5	256.0	105.1	383	JUNEST1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	269.1	266.5	256.0	105.1	418	SOTHNGTN16T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.9	266.5	256.0	105.1	440	WBROOKFLD1T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.8	266.5	256.0	105.0	129	1770LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.8	266.5	256.0	105.0	342	BUNKERH3T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.9	266.5	256.0	105.0	364	EMERIDENT1T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.8	266.5	256.0	105.0	403	PLUMTREE25T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	259.9	256.0	104.9	352	DEVON24TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	262.0	256.0	104.9	422	STEVENSSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	266.5	256.0	104.9	46	1272+1445LNS	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	266.5	256.0	104.9	62	1443+1759LNS	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	266.5	256.0	104.9	136	1780LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	266.5	256.0	104.9	142	1790LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	266.5	256.0	104.9	147	1820LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	266.5	256.0	104.9	207	329LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	266.5	256.0	104.9	271	1575-1990DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	266.5	256.0	104.9	272	1580-1585DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	266.5	256.0	104.9	285	1732-1788DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	266.5	256.0	104.9	291	1810-1825DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	266.5	256.0	104.9	376	GRNDAV5TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	266.5	256.0	104.9	377	GRNDAV6TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	266.5	256.0	104.9	413	SNAUGALT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	266.5	256.0	104.9	420	SOTHNGTN22T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.6	266.5	256.0	104.9	421	SOTHNGTN23T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	266.5	256.0	104.9	463	SGTN5TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.5	266.5	256.0	104.9	465	SGTN7TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	264.1	256.0	104.8	268	1570-1575DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	264.1	256.0	104.8	343	COLONY1T	6D (ESC)	FIX	Recond	0	OFF	

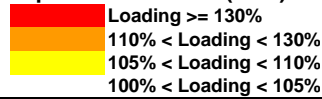
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	268.3	264.1	256.0	104.8	406	QUINIPACST1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	262.3	256.0	104.8	247	1163-1550D-2	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	262.3	256.0	104.8	287	1770-1887DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	262.3	256.0	104.8	289	1800-1810DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	262.3	256.0	104.8	386	MIXAVEL	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	262.3	256.0	104.8	422	SOTHNGTN24T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	262.3	256.0	104.8	425	SOTHNGTN28T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	262.3	256.0	104.8	426	STEVENSNSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	262.3	256.0	104.8	427	STONYHILLT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	262.3	256.0	104.8	431	TRIANGLE4T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	262.0	256.0	104.8	263	1560-1570DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	262.0	256.0	104.8	283	1770-1887DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	262.0	256.0	104.8	423	STONYHILLT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	266.5	256.0	104.8	12	100+400LINES	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	266.5	256.0	104.8	78	1560LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	266.5	256.0	104.8	83	1575LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	266.5	256.0	104.8	186	88005ALINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	266.5	256.0	104.8	215	348N+AUTO	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	266.5	256.0	104.8	278	1668-1721DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	266.5	256.0	104.8	308	310-383DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.4	266.5	256.0	104.8	340	BUNKERH1T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	266.5	256.0	104.8	363	DEVSWST4TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	266.5	256.0	104.8	367	FROSTBR15T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.3	266.5	256.0	104.8	387	NOHAVN1TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	255.9	256.0	104.8	474	SNGPEQ-XFR	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	264.1	256.0	104.7	290	1800-1825DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	264.1	256.0	104.7	330	BATESROCK1T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	251.9	256.0	104.7	202	312LINE	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	251.9	256.0	104.7	203	312+393LNS	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	251.9	256.0	104.7	204	312+393REAC	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	262.0	256.0	104.7	243	1163-1550D-2	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	262.0	256.0	104.7	285	1800-1810DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	262.0	256.0	104.7	418	SOTHNGTN24T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	262.0	256.0	104.7	421	SOTHNGTN28T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	262.0	256.0	104.7	427	TRIANGLE4T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.2	266.5	256.0	104.7	21	1050+1766LNS	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	266.5	256.0	104.7	31	1163+1910LNS	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	266.5	256.0	104.7	189	88006ALINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	266.5	256.0	104.7	198	89006BLINE-1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	266.5	256.0	104.7	214	348NLINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.1	266.5	256.0	104.7	244	1100-1300DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	266.5	256.0	104.7	328	BAIRDASTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	266.5	256.0	104.7	375	GRNDV4TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	266.5	256.0	104.7	378	GRNDV7TSTK	22D (ESC)	FIX	Recond	-700	OFF	

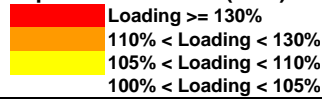
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	268.1	266.5	256.0	104.7	424	SOTHNGTN26T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	268.0	266.5	256.0	104.7	460	SGTN1TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	264.1	256.0	104.6	379	GREENHLL2T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	264.1	256.0	104.6	475	DEV-XFR	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	264.1	256.0	104.6	476	ESHR-XFR	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	264.1	256.0	104.6	478	NEWDEV2	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	262.3	256.0	104.6	265	1505-1607DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	262.0	256.0	104.6	382	MIXAVE1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	266.5	256.0	104.6	24	1070+1490LNS	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	266.5	256.0	104.6	39	1235LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	266.5	256.0	104.6	77	1550+1950LNS	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	266.5	256.0	104.6	184	88003ALINE-2	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.9	266.5	256.0	104.6	192	89003BLINE-2	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	266.5	256.0	104.6	216	352LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	266.5	256.0	104.6	237	1000-1090DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	266.5	256.0	104.6	360	DEVSWST1TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.7	266.5	256.0	104.6	362	DEVSWST3TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	266.5	256.0	104.6	389	NWALLINGLT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.8	255.9	256.0	104.6	298	8100-8200DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	259.9	256.0	104.5	225	393LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	264.1	256.0	104.5	253	1280-1870DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	264.1	256.0	104.5	408	SACKETST1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	264.1	256.0	104.5	430	TRIANGLE3T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	264.1	256.0	104.5	444	WOODMNT1TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	258.3	256.0	104.5	250	1310-1763DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	262.0	256.0	104.5	261	1505-1607DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	266.5	256.0	104.5	18	694LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.6	266.5	256.0	104.5	19	1000LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	266.5	256.0	104.5	166	8100LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	266.5	256.0	104.5	167	8200LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	266.5	256.0	104.5	169	8400LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	266.5	256.0	104.5	175	8809ALINE-2	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	266.5	256.0	104.5	178	8909BLINE-2	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	266.5	256.0	104.5	365	ESHORE12TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	266.5	256.0	104.5	372	GRNDAV1TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	266.5	256.0	104.5	374	GRNDAV3TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	266.5	256.0	104.5	456	NOMNTSTBKR	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	266.5	256.0	104.5	457	NMSTBKREAC	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.5	255.9	256.0	104.5	356	DEVON24TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	264.1	256.0	104.4	69	1500LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.2	264.1	256.0	104.4	70	1505LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.4	264.1	256.0	104.4	88	1605LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.1	264.1	256.0	104.4	216	352LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.3	264.1	256.0	104.4	243	1100-1200DCT	6D (ESC)	FIX	Recond	0	OFF	

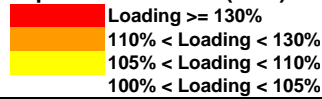
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	267.3	264.1	256.0	104.4	252	1272-1721DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.3	264.1	256.0	104.4	255	1355-1610DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.3	264.1	256.0	104.4	385	MLLRVR2TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.3	264.1	256.0	104.4	415	SOTHNGTN13T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.2	262.3	256.0	104.4	428	TRPFALLST1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.3	251.8	256.0	104.4	294	8100-8200DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.3	266.5	256.0	104.4	13	400LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.3	266.5	256.0	104.4	42	1250LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.3	266.5	256.0	104.4	47	1280LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.2	266.5	256.0	104.4	107	1720LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.2	266.5	256.0	104.4	122	1760LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.2	266.5	256.0	104.4	182	88003ALINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.2	266.5	256.0	104.4	190	89003BLINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.2	266.5	256.0	104.4	361	DEVSWST2TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.3	266.5	256.0	104.4	441	WRIVER1TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.3	266.5	256.0	104.4	442	WRIVER2TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.2	266.5	256.0	104.4	445	WOODMNT2TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	264.1	256.0	104.3	228	387LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	264.1	256.0	104.3	257	1394-1515DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.1	264.1	256.0	104.3	331	BECONFLSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.0	264.1	256.0	104.3	341	BUNKERH2T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	264.1	256.0	104.3	384	MLLRVR1TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.0	264.1	256.0	104.3	419	SOTHNGTN20T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.0	258.3	256.0	104.3	352	DEVON24TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.0	266.5	256.0	104.3	15	667-690LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.0	266.5	256.0	104.3	82	1572+1772LNS	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	266.5	256.0	104.3	85	1585LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.0	266.5	256.0	104.3	89	1607LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.0	266.5	256.0	104.3	90	1610LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	266.5	256.0	104.3	112	1730BLINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	266.5	256.0	104.3	154	1870LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.1	266.5	256.0	104.3	185	88003ALINE-3	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.1	266.5	256.0	104.3	193	89003BLINE-3	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.0	266.5	256.0	104.3	201	310LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.0	266.5	256.0	104.3	240	1070-1080DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.1	266.5	256.0	104.3	262	1470-1565DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.0	266.5	256.0	104.3	273	1580-1730BDC	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	266.5	256.0	104.3	351	DEVON8TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	266.5	256.0	104.3	352	DEVON10TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	266.5	256.0	104.3	373	GRNDAV2TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	267.1	266.5	256.0	104.3	398	PEACEABLE1T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	264.1	256.0	104.2	52	1355LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	264.1	256.0	104.2	104	1690LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	264.1	256.0	104.2	123	1760+1876LNS	6D (ESC)	FIX	Recond	0	OFF	

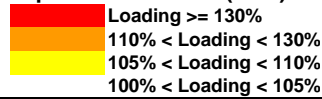
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	266.7	264.1	256.0	104.2	280	1670-1830DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	264.1	256.0	104.2	339	BROADWYST1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	264.1	256.0	104.2	382	HAWTHORNST	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	264.1	256.0	104.2	404	PLUMTREE28T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	264.1	256.0	104.2	418	SOTHNGTN16T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	262.3	256.0	104.2	216	352LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	266.5	256.0	104.2	45	1272LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.2	60	1440LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	266.5	256.0	104.2	63	1445LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	266.5	256.0	104.2	98	1640LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	266.5	256.0	104.2	157	1887LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	266.5	256.0	104.2	165	1990LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	266.5	256.0	104.2	168	8300LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	266.5	256.0	104.2	181	84004LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	266.5	256.0	104.2	197	89006BLINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	266.5	256.0	104.2	202	312LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	266.5	256.0	104.2	203	312+393LNS	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	266.5	256.0	104.2	204	312+393REAC	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	266.5	256.0	104.2	226	383LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	266.5	256.0	104.2	279	1670-1771DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	266.5	256.0	104.2	313	SOUTH1XAUTO	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	266.5	256.0	104.2	325	ALLINGS1TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	266.5	256.0	104.2	326	ALLINGS2TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	266.5	256.0	104.2	338	BRANFRDRR1T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	266.5	256.0	104.2	359	DEVON27TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	266.5	256.0	104.2	369	FROSTBR27T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.9	266.5	256.0	104.2	414	SOTHNGTN12T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	266.5	256.0	104.2	416	SOTHNGTN14T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	266.5	256.0	104.2	417	SOTHNGTN15T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	266.5	256.0	104.2	434	WALLING3TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.8	266.5	256.0	104.2	462	SGTN4TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	266.5	256.0	104.2	464	SGTN6TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.7	266.5	256.0	104.2	480	362WLINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.2	482	1975-362WDCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	264.1	256.0	104.1	207	329LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	264.1	256.0	104.1	270	1575-1585DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	264.1	256.0	104.1	342	BUNKERH3T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	264.1	256.0	104.1	364	EMERIDEN1T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	264.1	256.0	104.1	383	JUNEST1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	264.1	256.0	104.1	440	WBROOKFLD1T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	264.1	256.0	104.1	463	SGTN5TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	262.3	256.0	104.1	268	1570-1575DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	262.3	256.0	104.1	343	COLONY1T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	262.3	256.0	104.1	406	QUINIPACST1	14D (ESC)	fix	Recond	700	OFF	

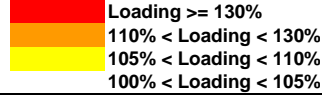
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	266.4	251.9	256.0	104.1	228	387LINE	15D (ESC)	fix	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	262.0	256.0	104.1	424	TRPFALLST1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	11	100LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	16	689LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	17	693LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	22	1060LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	23	1070LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	26	1090LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	27	1100LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	30	1163LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	32	1165LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	33	1191LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	34	1200LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	35	1206LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	36	1207LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	37	1208LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	44	1270LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	49	1310LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	50	1337LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	56	1394LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	57	1410LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	61	1443LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	64	1450LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	65	1460LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	66	1466LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	68	1490LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	73	1537LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	76	1550LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	81	1572LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	84	1580LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	86	1588LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	87	1594LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	93	1620LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	95	1625LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	99	1655LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	100	1668LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	101	1670LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	102	1675LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	103	1685LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	105	1704LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	108	1721LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	115	1740LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	117	1751LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	119	1753LINE	22D (ESC)	FIX	Recond	-700	OFF	

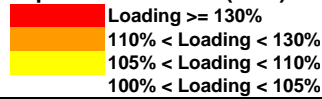
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	266.5	266.5	256.0	104.1	120	1756LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	121	1759LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	124	1763LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	125	1765LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	126	1766LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	127	1767LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	128	1769LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	130	1771LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	131	1772LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	133	1775LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	135	1779LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	138	1784LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	139	1785LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	140	1786LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	141	1788LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	143	1792LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	144	1800-1860LNS	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	145	1810LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	149	1825LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	150	1830LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	151	1835LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	159	1900LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	161	1921LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	163	1975LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	170	8500LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	172	8700LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	173	8804ALINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	176	8904BLINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	179	9500LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	180	9502LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	183	88003ALINE-1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	191	89003BLINE-1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	224	381LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	225	381LREAC	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	239	1060-1270DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	261	1440-1450DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	311	MANCHAUTO1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	314	SOUTH2XAUTO	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	322	LOSSNHAV	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	323	LOSSNOR1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	324	LOSSNOR2	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	329	BAIRDBSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	336	BRANFORD2T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	337	BRANFORD4T	22D (ESC)	FIX	Recond	-700	OFF	

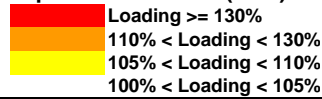
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	266.5	266.5	256.0	104.1	348	DEVON4TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.6	266.5	256.0	104.1	353	DEVON11TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	354	DEVON12TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	368	FROSTBR21T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	435	WALLING4TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	436	WALLING5TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	437	WATERST1TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	438	WATERST2TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	443	WESTONIT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.5	266.5	256.0	104.1	473	SNG-PEQTAP	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.1	477	NEWDEV1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	259.9	256.0	104.0	422	STEVENSNSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	264.1	256.0	104.0	46	1272+1445LNS	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	264.1	256.0	104.0	129	1770LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	264.1	256.0	104.0	147	1820LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	264.1	256.0	104.0	272	1580-1585DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	264.1	256.0	104.0	291	1810-1825DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	264.1	256.0	104.0	376	GRNDAV5TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	264.1	256.0	104.0	377	GRNDAV6TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	264.1	256.0	104.0	403	PLUMTREE25T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	264.1	256.0	104.0	413	SNAUGALT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	264.1	256.0	104.0	420	SOTHNGTN22T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	264.1	256.0	104.0	421	SOTHNGTN23T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	264.1	256.0	104.0	465	SGTN7TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	262.3	256.0	104.0	290	1800-1825DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	262.3	256.0	104.0	330	BATESROCK1T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	262.0	256.0	104.0	326	BATESROCK1T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	262.0	256.0	104.0	339	COLONY1T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	262.0	256.0	104.0	402	QUINIPACST1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	266.5	256.0	104.0	20	1050LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	266.5	256.0	104.0	43	1261LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	266.5	256.0	104.0	71	1508LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	266.5	256.0	104.0	72	1515LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	266.5	256.0	104.0	92	1620SLINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.0	118	1752LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	266.5	256.0	104.0	132	1773LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	266.5	256.0	104.0	134	1777LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	266.5	256.0	104.0	137	1783LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	266.5	256.0	104.0	155	1876LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.0	160	1910LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.4	266.5	256.0	104.0	162	1950LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	266.5	256.0	104.0	171	8600LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	266.5	256.0	104.0	174	8809ALINE-1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	266.5	256.0	104.0	177	8909BLINE-1	22D (ESC)	FIX	Recond	-700	OFF	

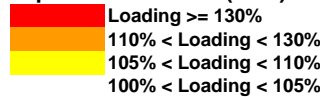
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	266.3	266.5	256.0	104.0	200	301-302LNS	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	266.5	256.0	104.0	238	1060-1165DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	266.5	256.0	104.0	241	1080-1280DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	266.5	256.0	104.0	269	1570-1580DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	266.5	256.0	104.0	274	1620-1975DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	266.5	256.0	104.0	288	1777-1779DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	266.5	256.0	104.0	380	HADDAMAT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	266.5	256.0	104.0	407	ROCKRIVER1T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.3	266.5	256.0	104.0	423	SOTHNGTN25T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	266.5	256.0	104.0	433	WALLING2TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	266.5	256.0	104.0	470	devon-eshr1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	266.5	256.0	104.0	479	362ELINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.2	266.5	256.0	104.0	481	1466-362EDCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	259.9	256.0	103.9	243	1163-1550D-2	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	259.9	256.0	103.9	263	1560-1570DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	259.9	256.0	103.9	283	1770-1887DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	259.9	256.0	103.9	285	1800-1810DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	259.9	256.0	103.9	382	MIXAVE1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	259.9	256.0	103.9	418	SOTHNGTN24T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	259.9	256.0	103.9	421	SOTHNGTN28T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	259.9	256.0	103.9	423	STONYHILL1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	264.1	256.0	103.9	62	1443+1759LNS	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	264.1	256.0	103.9	83	1575LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	264.1	256.0	103.9	136	1780LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	264.1	256.0	103.9	142	1790LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	264.1	256.0	103.9	186	88005ALINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	264.1	256.0	103.9	215	348N+AUTO	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	264.1	256.0	103.9	271	1575-1990DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	264.1	256.0	103.9	278	1668-1721DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	264.1	256.0	103.9	285	1732-1788DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	264.1	256.0	103.9	340	BUNKERH1T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	264.1	256.0	103.9	363	DEVSWST4TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	258.3	256.0	103.9	224	387LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	262.3	256.0	103.9	379	GREENHLL2T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	262.3	256.0	103.9	444	WOODMNT1TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	262.3	256.0	103.9	475	DEV-XFR	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	262.0	256.0	103.9	264	1570-1575DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	262.0	256.0	103.9	286	1800-1825DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	266.5	256.0	103.9	14	500LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	266.5	256.0	103.9	80	1570LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	266.5	256.0	103.9	114	1732LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	266.5	256.0	103.9	148	1821LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	266.5	256.0	103.9	152	1836LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.1	266.5	256.0	103.9	248	1207-1775DCT	22D (ESC)	FIX	Recond	-700	OFF	

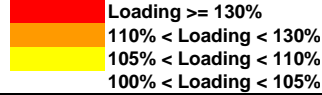
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	266.0	266.5	256.0	103.9	249	1208-1640DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	266.5	256.0	103.9	286	1751-1777DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.9	266.5	256.0	103.9	335	BRANFORD1T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	266.5	256.0	103.9	350	DEVON7TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	266.5	256.0	103.9	429	TRIANGLE2T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	266.0	266.5	256.0	103.9	466	NORSING1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	259.9	256.0	103.8	427	TRIANGLE4T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	264.1	256.0	103.8	12	100+400LINES	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	264.1	256.0	103.8	21	1050+1766LNS	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	264.1	256.0	103.8	31	1163+1910LNS	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	264.1	256.0	103.8	78	1560LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	264.1	256.0	103.8	189	88006ALINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	264.1	256.0	103.8	198	89006BLINE-1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	264.1	256.0	103.8	214	348NLINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	264.1	256.0	103.8	244	1100-1300DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	264.1	256.0	103.8	328	BAIRDASTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	264.1	256.0	103.8	367	FROSTBR15T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	264.1	256.0	103.8	387	NOHAVN1TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	264.1	256.0	103.8	424	SOTHNGTN26T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	264.1	256.0	103.8	460	SGTN1TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	253.7	256.0	103.8	474	SNGPEQ-XFR	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	262.3	256.0	103.8	408	SACKETST1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	262.3	256.0	103.8	430	TRIANGLE3T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	262.3	256.0	103.8	476	ESHR-XFR	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	262.3	256.0	103.8	478	NEWDEV2	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	262.0	256.0	103.8	375	GREENHLL2T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	262.0	256.0	103.8	404	SACKETST1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.7	262.0	256.0	103.8	426	TRIANGLE3T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	266.5	256.0	103.8	25	1080LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	266.5	256.0	103.8	51	1342LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	266.5	256.0	103.8	110	1726LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	266.5	256.0	103.8	307	310-368DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	266.5	256.0	103.8	333	BOKUM2T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	266.5	256.0	103.8	334	BOKUM3T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.8	266.5	256.0	103.8	467	SINGDEV1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	264.1	256.0	103.7	24	1070+1490LNS	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	264.1	256.0	103.7	39	1235LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.4	264.1	256.0	103.7	77	1550+1950LNS	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	264.1	256.0	103.7	184	88003ALINE-2	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	264.1	256.0	103.7	192	89003BLINE-2	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.4	264.1	256.0	103.7	360	DEVSWST1TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.4	264.1	256.0	103.7	362	DEVSWST3TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	264.1	256.0	103.7	375	GRNDV4TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	264.1	256.0	103.7	378	GRNDV7TSTK	6D (ESC)	FIX	Recond	0	OFF	

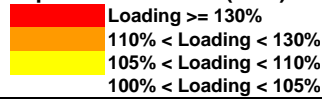
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	265.4	264.1	256.0	103.7	389	NWALLING1T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	253.7	256.0	103.7	298	8100-8200DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	262.3	256.0	103.7	69	1500LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	262.3	256.0	103.7	70	1505LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	262.3	256.0	103.7	88	1605LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.4	262.3	256.0	103.7	243	1100-1200DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.4	262.3	256.0	103.7	252	1272-1721DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	262.3	256.0	103.7	253	1280-1870DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	262.3	256.0	103.7	255	1355-1610DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.4	262.3	256.0	103.7	385	MLLRVR2TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	262.3	256.0	103.7	415	SOTHNGN13T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	251.9	256.0	103.7	229	393LINE	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	262.0	256.0	103.7	249	1280-1870DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	266.5	256.0	103.7	74	1545LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	266.5	256.0	103.7	91	1618LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	266.5	256.0	103.7	96	1630LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	266.5	256.0	103.7	187	88005ALINE-1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.4	266.5	256.0	103.7	194	89005BLINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	266.5	256.0	103.7	195	89005BLINE-1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	266.5	256.0	103.7	217	352-AUTO	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.6	266.5	256.0	103.7	242	1080-1490DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	266.5	256.0	103.7	309	329-352DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	266.5	256.0	103.7	388	NOHAVN2TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.5	266.5	256.0	103.7	432	WALLING1TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.4	266.5	256.0	103.7	468	SINGERSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.4	266.5	256.0	103.7	469	devonstuck	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	259.9	256.0	103.6	261	1505-1607DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	264.1	256.0	103.6	19	1000LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	264.1	256.0	103.6	175	8809ALINE-2	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	264.1	256.0	103.6	178	8909BLINE-2	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	264.1	256.0	103.6	237	1000-1090DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	264.1	256.0	103.6	262	1470-1565DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	264.1	256.0	103.6	299	1460-387DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	264.1	256.0	103.6	308	310-383DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	264.1	256.0	103.6	374	GRNDV3TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	264.1	256.0	103.6	398	PEACEABLE1T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	253.7	256.0	103.6	356	DEVON24TSTK	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	262.3	256.0	103.6	331	BECONFLSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	262.3	256.0	103.6	341	BUNKERH2T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	262.3	256.0	103.6	384	MLLRVRTSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	262.3	256.0	103.6	419	SOTHNGTN20T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	262.3	256.0	103.6	463	SGTN5TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	262.0	256.0	103.6	65	1500LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	262.0	256.0	103.6	66	1505LINE	18D (ESC)	FIX	Recond	-700	ON	

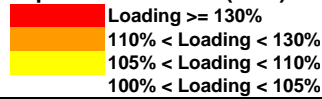
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	265.3	262.0	256.0	103.6	84	1605LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	262.0	256.0	103.6	119	1760+1876LNS	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	262.0	256.0	103.6	239	1100-1200DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	262.0	256.0	103.6	251	1355-1610DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	262.0	256.0	103.6	372	GRNDAV5TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	262.0	256.0	103.6	373	GRNDAV6TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	262.0	256.0	103.6	381	MLLRVR2TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	262.0	256.0	103.6	411	SOTHNGTN13T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	262.0	256.0	103.6	440	WOODMNT1TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	262.0	256.0	103.6	471	DEV-XFR	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	266.5	256.0	103.6	205	318LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.3	266.5	256.0	103.6	220	368LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	266.5	256.0	103.6	229	393LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	266.5	256.0	103.6	461	SGTN3TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.2	255.9	256.0	103.6	254	1310-1763DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	249.6	256.0	103.5	294	8100-8200DCT	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	264.1	256.0	103.5	13	400LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	264.1	256.0	103.5	18	694LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	264.1	256.0	103.5	42	1250LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	264.1	256.0	103.5	166	8100LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	264.1	256.0	103.5	167	8200LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	264.1	256.0	103.5	169	8400LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	264.1	256.0	103.5	182	88003ALINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	264.1	256.0	103.5	190	89003BLINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	264.1	256.0	103.5	361	DEVSWST2TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	264.1	256.0	103.5	365	ESHORE12TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	264.1	256.0	103.5	372	GRNDAV1TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	264.1	256.0	103.5	441	WRIVER1TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	264.1	256.0	103.5	442	WRIVER2TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	264.1	256.0	103.5	445	WOODMNT2TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	264.1	256.0	103.5	462	SGTN4TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	258.3	256.0	103.5	295	1460-387DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	262.3	256.0	103.5	52	1355LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	262.3	256.0	103.5	104	1690LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	262.3	256.0	103.5	207	329LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	262.3	256.0	103.5	257	1394-1515DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	262.3	256.0	103.5	280	1670-1830DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	262.3	256.0	103.5	339	BROADWYST1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	262.3	256.0	103.5	418	SOTHNGTN16T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.1	251.9	256.0	103.5	299	1460-387DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	262.0	256.0	103.5	248	1272-1721DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	262.0	256.0	103.5	327	BECONFLSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	262.0	256.0	103.5	337	BUNKERH2T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	262.0	256.0	103.5	380	MLLRVR1TSTK	18D (ESC)	FIX	Recond	-700	ON	

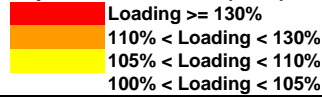
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	262.0	256.0	103.5	400	PLUMTREE28T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	262.0	256.0	103.5	415	SOTHNGTN20T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	262.0	256.0	103.5	474	NEWDEV2	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	266.5	256.0	103.5	41	1238+1813LNS	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	266.5	256.0	103.5	53	ONE1385	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	266.5	256.0	103.5	75	1545+SPS	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	266.5	256.0	103.5	188	88005ALINE-2	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.9	266.5	256.0	103.5	196	89005BLINE-2	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	266.5	256.0	103.5	251	1261-1620DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	266.5	256.0	103.5	332	BOKUM1T	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	266.5	256.0	103.5	381	HADDAMBT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	266.5	256.0	103.5	459	SCOVKR8TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	265.0	266.5	256.0	103.5	471	devon-eshr2	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	264.1	256.0	103.4	15	667-690LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	264.1	256.0	103.4	47	1280LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	264.1	256.0	103.4	82	1572+1772LNS	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	264.1	256.0	103.4	89	1607LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	264.1	256.0	103.4	90	1610LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	264.1	256.0	103.4	185	88003ALINE-3	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	264.1	256.0	103.4	193	89003BLINE-3	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	264.1	256.0	103.4	217	352+AUTO	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	264.1	256.0	103.4	240	1070-1080DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	264.1	256.0	103.4	273	1580-1730BDC	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	264.1	256.0	103.4	309	329-352DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	262.3	256.0	103.4	123	1760+1876LNS	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	262.3	256.0	103.4	270	1575-1585DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	262.3	256.0	103.4	364	EMERIDEN1T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	262.3	256.0	103.4	382	HAWTHORNST	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	262.3	256.0	103.4	383	JUNEST1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	262.3	256.0	103.4	404	PLUMTREE28T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	262.0	256.0	103.4	48	1355LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	262.0	256.0	103.4	100	1690LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	262.0	256.0	103.4	182	88005ALINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	262.0	256.0	103.4	253	1394-1515DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	262.0	256.0	103.4	276	1670-1830DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	262.0	256.0	103.4	359	DEVSWST4TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	262.0	256.0	103.4	414	SOTHNGTN16T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	262.0	256.0	103.4	436	WBROOKFLD1T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.8	251.8	256.0	103.4	454	SCOVKR5TSTK	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	266.5	256.0	103.4	48	1300LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	266.5	256.0	103.4	113	1730CLINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.7	266.5	256.0	103.4	277	1637-1720DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	266.5	256.0	103.4	310	371-383DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	266.5	256.0	103.4	401	PEQUON32TSTK	22D (ESC)	FIX	Recond	-700	OFF	

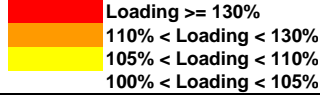
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	264.5	259.9	256.0	103.3	424	TRPFALLST1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	45	1272LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	63	1445LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	264.1	256.0	103.3	85	1585LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	98	1640LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	264.1	256.0	103.3	107	1720LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	264.1	256.0	103.3	112	1730BLINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	122	1760LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	154	1870LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	264.1	256.0	103.3	181	84004LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	197	89006BLINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	264.1	256.0	103.3	201	310LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	224	381LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	225	381LREAC	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	313	SOUTH1XAUTO	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	325	ALLINGS1TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	326	ALLINGS2TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	338	BRANFRDRR1T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	264.1	256.0	103.3	351	DEVON8TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	264.1	256.0	103.3	352	DEVON10TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	264.1	256.0	103.3	359	DEVON27TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	264.1	256.0	103.3	373	GRNDAV2TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	264.1	256.0	103.3	414	SOTHNGTN12T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	416	SOTHNGTN14T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	434	WALLING3TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	264.1	256.0	103.3	480	362WLINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	258.3	256.0	103.3	243	1163-1550D-2	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	258.3	256.0	103.3	263	1560-1570DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	258.3	256.0	103.3	283	1770-1887DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	258.3	256.0	103.3	285	1800-1810DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	258.3	256.0	103.3	382	MIXAVE1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	258.3	256.0	103.3	418	SOTHNGTN24T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	258.3	256.0	103.3	421	SOTHNGTN28T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	258.3	256.0	103.3	422	STEVENSSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	258.3	256.0	103.3	423	STONYHILL1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	247.9	256.0	103.3	452	NOMNTSTBKR	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	247.9	256.0	103.3	453	NMSTBKREAC	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	262.3	256.0	103.3	46	1272+1445LNS	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	262.3	256.0	103.3	129	1770LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	262.3	256.0	103.3	147	1820LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	262.3	256.0	103.3	272	1580-1585DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	262.3	256.0	103.3	291	1810-1825DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	262.3	256.0	103.3	342	BUNKERH3T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	262.3	256.0	103.3	376	GRNDAV5TSTK	14D (ESC)	fix	Recond	700	OFF	

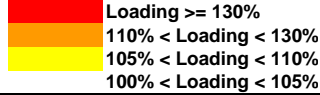
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	264.4	262.3	256.0	103.3	377	GRNDVAV6TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	262.3	256.0	103.3	403	PLUMTREE25T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	262.3	256.0	103.3	413	SNAUGALT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	262.3	256.0	103.3	420	SOTHNGTN22T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	262.3	256.0	103.3	421	SOTHNGTN23T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	262.3	256.0	103.3	440	WBROOKFLD1T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	262.3	256.0	103.3	465	SGTN7TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	262.0	256.0	103.3	125	1770LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	262.0	256.0	103.3	206	347LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.6	262.0	256.0	103.3	207	347LREAC	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	262.0	256.0	103.3	266	1575-1585DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	262.0	256.0	103.3	335	BROADWYST1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	262.0	256.0	103.3	360	EMERIDEN1T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.5	262.0	256.0	103.3	378	HAWTHORNST	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	262.0	256.0	103.3	379	JUNEST1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.4	262.0	256.0	103.3	399	PLUMTREE25T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	259.9	256.0	103.2	402	QUINIPACST1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	16	689LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	17	693LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	22	1060LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	23	1070LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	26	1090LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	27	1100LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	33	1191LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	34	1200LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	37	1208LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	44	1270LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	50	1337LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	57	1410LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	60	1440LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	61	1443LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	65	1460LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	66	1466LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	68	1490LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	73	1537LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	84	1580LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	86	1588LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	87	1594LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	99	1655LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	100	1668LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	101	1670LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	102	1675LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	103	1685LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	105	1704LINE	6D (ESC)	FIX	Recond	0	OFF	

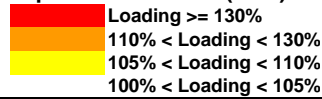
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	264.2	264.1	256.0	103.2	108	1721LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	115	1740LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	119	1753LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	120	1756LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	121	1759LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	125	1765LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	127	1767LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	128	1769LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	130	1771LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	135	1779LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	139	1785LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	140	1786LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	141	1788LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	143	1792LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	149	1825LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	150	1830LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	151	1835LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	264.1	256.0	103.2	157	1887LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	159	1900LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	161	1921LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	165	1990LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	264.1	256.0	103.2	168	8300LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	170	8500LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	172	8700LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	173	8804ALINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	176	8904BLINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	179	9500LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	180	9502LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	183	88003ALINE-1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	191	89003BLINE-1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	239	1060-1270DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	261	1440-1450DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	279	1670-1771DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	322	LOSSNHAV	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	323	LOSSNOR1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	324	LOSSNOR2	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	264.1	256.0	103.2	329	BAIRDBSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	348	DEVON4TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	353	DEVON11TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	354	DEVON12TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	264.1	256.0	103.2	369	FROSTBR27T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	264.1	256.0	103.2	417	BOTHNGN15T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	435	WALLING4TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	436	WALLING5TSTK	6D (ESC)	FIX	Recond	0	OFF	

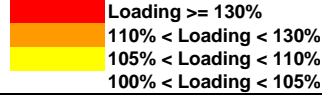
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	264.1	264.1	256.0	103.2	437	WATERST1TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	438	WATERST2TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	264.1	256.0	103.2	464	SGTN6TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.2	473	SNG-PEQTAP	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	264.1	256.0	103.2	482	1975-362WDCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	258.3	256.0	103.2	427	TRIANGLE4T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	262.3	256.0	103.2	62	1443+1759LNS	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	262.3	256.0	103.2	83	1575LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	262.3	256.0	103.2	136	1780LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	262.3	256.0	103.2	142	1790LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	262.3	256.0	103.2	186	88005ALINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	262.3	256.0	103.2	189	88006ALINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	262.3	256.0	103.2	198	89006BLINE-1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	262.3	256.0	103.2	214	348NLINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	262.3	256.0	103.2	215	348N+AUTO	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	262.3	256.0	103.2	217	352+AUTO	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	262.3	256.0	103.2	278	1668-172LDCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	262.3	256.0	103.2	285	1732-1788DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	262.3	256.0	103.2	309	329-352DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	262.3	256.0	103.2	340	BUNKERH1T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	262.3	256.0	103.2	363	DEVSWST4TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	262.3	256.0	103.2	460	SGTN1TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	262.0	256.0	103.2	143	1820LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	262.0	256.0	103.2	194	89006BLINE-1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	262.0	256.0	103.2	267	1575-1990DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	262.0	256.0	103.2	338	BUNKERH3T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	262.0	256.0	103.2	356	DEVSWST1TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	262.0	256.0	103.2	358	DEVSWST3TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	262.0	256.0	103.2	371	GRNDAV4TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	262.0	256.0	103.2	374	GRNDAV7TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	262.0	256.0	103.2	383	NOHAVN1TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	266.5	256.0	103.2	94	1622LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	266.5	256.0	103.2	109	1722LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	266.5	256.0	103.2	146	1813LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	266.5	256.0	103.2	276	1622-1887DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	266.5	256.0	103.2	355	DEVON23TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.2	266.5	256.0	103.2	357	DEVON25TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.3	266.5	256.0	103.2	410	SHEPAUG13A	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	259.9	256.0	103.1	264	1570-1575DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	259.9	256.0	103.1	286	1800-1825DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	259.9	256.0	103.1	326	BATESROCK1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	259.9	256.0	103.1	339	COLONY1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	259.9	256.0	103.1	440	WOODMNT1TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	11	100LINE	6D (ESC)	FIX	Recond	0	OFF	

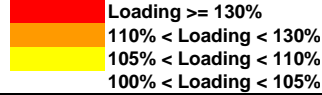
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	264.1	256.0	103.1	20	1050LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	30	1163LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	32	1165LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	35	1206LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	36	1207LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	43	1261LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	49	1310LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	264.1	256.0	103.1	56	1394LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	64	1450LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	264.1	256.0	103.1	72	1515LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	76	1550LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	81	1572LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	92	1620SLINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	93	1620NLINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	95	1625LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	117	1751LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	118	1752LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	124	1763LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	126	1766LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	131	1772LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	133	1775LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	134	1777LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	138	1784LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	144	1800-1860LNS	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	145	1810LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	160	1910LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	162	1950LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	163	1975LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	171	8600LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	174	8809ALINE-1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	177	8909BLINE-1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	210	347LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	211	347LREAC	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	226	383LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	238	1060-1165DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	264.1	256.0	103.1	241	1080-1280DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	274	1620-1975DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	288	1777-1779DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	311	MANCHAUTO1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	314	SOUTH2XAUTO	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	336	BRANFORD2T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	337	BRANFORD4T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	264.1	256.0	103.1	368	FROSTBR21T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	264.1	256.0	103.1	380	HADDAMAT	6D (ESC)	FIX	Recond	0	OFF	

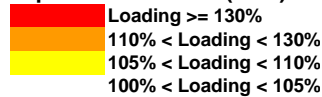
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	264.1	256.0	103.1	423	SOTHNGTN25T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	264.1	256.0	103.1	477	NEWDEV1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	262.3	256.0	103.1	12	100+400LINES	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	262.3	256.0	103.1	21	1050+1766LNS	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	262.3	256.0	103.1	31	1163+1910LNS	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	262.3	256.0	103.1	78	1560LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	262.3	256.0	103.1	244	1100-1300DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	262.3	256.0	103.1	262	1470-1565DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	262.3	256.0	103.1	271	1575-1990DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	262.3	256.0	103.1	328	BAIRDASTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	262.3	256.0	103.1	367	FROSTBR15T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	262.3	256.0	103.1	387	NOHAVNITSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	262.3	256.0	103.1	398	PEACEABLE1T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	262.3	256.0	103.1	424	SOTHNGTN26T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	262.0	256.0	103.1	42	1272+1445LNS	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	262.0	256.0	103.1	58	1443+1759LNS	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	262.0	256.0	103.1	79	1575LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	262.0	256.0	103.1	180	88003ALINE-2	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	262.0	256.0	103.1	185	88006ALINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	262.0	256.0	103.1	188	89003BLINE-2	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	262.0	256.0	103.1	268	1580-1585DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	262.0	256.0	103.1	281	1732-1788DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	262.0	256.0	103.1	287	1810-1825DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	262.0	256.0	103.1	324	BAIRDASTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	262.0	256.0	103.1	336	BUNKERH1T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	262.0	256.0	103.1	409	SNAUGA1T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	262.0	256.0	103.1	416	SOTHNGTN22T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.0	262.0	256.0	103.1	417	SOTHNGTN23T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	266.5	256.0	103.1	40	1238LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	264.1	266.5	256.0	103.1	97	1637LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.9	266.5	256.0	103.1	306	310-348DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	259.9	256.0	103.0	375	GREENHLL2T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	259.9	256.0	103.0	404	SACKETST1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	259.9	256.0	103.0	426	TRIANGLE3T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	264.1	256.0	103.0	71	1508LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	264.1	256.0	103.0	80	1570LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	264.1	256.0	103.0	114	1732LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	264.1	256.0	103.0	132	1773LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	264.1	256.0	103.0	137	1783LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	264.1	256.0	103.0	200	301-302LNS	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	264.1	256.0	103.0	248	1207-1775DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	264.1	256.0	103.0	249	1208-1640DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	264.1	256.0	103.0	269	1570-1580DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	264.1	256.0	103.0	286	1751-1777DCT	6D (ESC)	FIX	Recond	0	OFF	

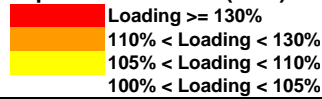
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	263.7	264.1	256.0	103.0	350	DEVON7TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	264.1	256.0	103.0	407	ROCKRIVER1T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	264.1	256.0	103.0	429	TRIANGLE2T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	264.1	256.0	103.0	433	WALLING2TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	264.1	256.0	103.0	443	WESTON1T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	264.1	256.0	103.0	470	devon-eshr1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	264.1	256.0	103.0	479	362ELINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	264.1	256.0	103.0	481	1466-362EDCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	258.3	256.0	103.0	261	1505-1607DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	262.3	256.0	103.0	24	1070+1490LNS	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	262.3	256.0	103.0	39	1235LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	262.3	256.0	103.0	77	1550+1950LNS	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	262.3	256.0	103.0	184	88003ALINE-2	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	262.3	256.0	103.0	192	89003BLINE-2	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	262.3	256.0	103.0	360	DEVSWS1TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	262.3	256.0	103.0	362	DEVSWS3TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	262.3	256.0	103.0	375	GRNDAV4TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	262.3	256.0	103.0	378	GRNDAV7TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	262.3	256.0	103.0	389	NWALLING1T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	251.9	256.0	103.0	298	8100-820DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	251.9	256.0	103.0	356	DEVON24TSTK	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	251.9	256.0	103.0	474	SNGPEQ-XFR	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	262.0	256.0	103.0	8	100+400LINES	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	262.0	256.0	103.0	17	1050+1766LNS	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	262.0	256.0	103.0	27	1163+1910LNS	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	262.0	256.0	103.0	132	1780LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	262.0	256.0	103.0	138	1790LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	262.0	256.0	103.0	203	329LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	262.0	256.0	103.0	240	1100-1300DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	262.0	256.0	103.0	258	1470-1565DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	262.0	256.0	103.0	274	1668-1721DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.7	262.0	256.0	103.0	304	310-383DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	262.0	256.0	103.0	357	DEVSWS2TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	262.0	256.0	103.0	363	FROSTBR15T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	262.0	256.0	103.0	394	PEACEABLE1T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	262.0	256.0	103.0	420	SOTHNGTN26T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	262.0	256.0	103.0	459	SGTN5TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	262.0	256.0	103.0	461	SGTN7TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.8	262.0	256.0	103.0	472	ESHR-XFR	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	266.5	256.0	103.0	213	348LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	266.5	256.0	103.0	221	371LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.6	266.5	256.0	103.0	275	1975-348DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	259.9	256.0	102.9	249	1280-1870DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	264.1	256.0	102.9	14	500LINE	6D (ESC)	FIX	Recond	0	OFF	

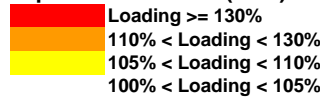
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	263.3	264.1	256.0	102.9	110	1726LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	264.1	256.0	102.9	148	1821LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	264.1	256.0	102.9	152	1836LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	264.1	256.0	102.9	155	1876LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	264.1	256.0	102.9	335	BRANFORD1T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	262.3	256.0	102.9	19	1000LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	262.3	256.0	102.9	175	8809ALINE-2	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	262.3	256.0	102.9	178	8909BLINE-2	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	262.3	256.0	102.9	237	1000-1090DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	262.3	256.0	102.9	361	DEVSWS2TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	262.3	256.0	102.9	445	WOODMNT2TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	262.3	256.0	102.9	462	SGTN4TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	262.0	256.0	102.9	20	1070+1490LNS	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	262.0	256.0	102.9	35	1235LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	262.0	256.0	102.9	171	8809ALINE-2	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	262.0	256.0	102.9	174	8909BLINE-2	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	262.0	256.0	102.9	178	88003ALINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	262.0	256.0	102.9	181	88003ALINE-3	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	262.0	256.0	102.9	186	89003BLINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	262.0	256.0	102.9	189	89003BLINE-3	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.4	262.0	256.0	102.9	211	348N+AUTO	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	262.0	256.0	102.9	385	NWALLING1T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	262.0	256.0	102.9	437	WRIVER1TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	262.0	256.0	102.9	438	WRIVER2TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.5	266.5	256.0	102.9	222	371+AUTO	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	266.5	256.0	102.9	223	376LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	259.9	256.0	102.8	65	1500LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	259.9	256.0	102.8	84	1605LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	259.9	256.0	102.8	239	1100-1200DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	259.9	256.0	102.8	251	1355-1610DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	259.9	256.0	102.8	372	GRNDAV5TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	259.9	256.0	102.8	373	GRNDAV6TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	259.9	256.0	102.8	381	MLLRVR2TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	259.9	256.0	102.8	411	SOTHNGTN13T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	264.1	256.0	102.8	25	1080LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	264.1	256.0	102.8	51	1342LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	264.1	256.0	102.8	74	1545LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	264.1	256.0	102.8	187	88005ALINE-1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	264.1	256.0	102.8	194	89005BLINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	264.1	256.0	102.8	195	89005BLINE-1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	264.1	256.0	102.8	242	1080-1490DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	264.1	256.0	102.8	333	BOKUM2T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	264.1	256.0	102.8	334	BOKUM3T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	264.1	256.0	102.8	467	SINGDEV1	6D (ESC)	FIX	Recond	0	OFF	

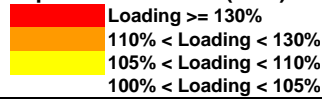
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	263.2	247.9	256.0	102.8	198	312LINE	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	247.9	256.0	102.8	199	312+393LNS	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	247.9	256.0	102.8	200	312+393REAC	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	247.9	256.0	102.8	294	8100-8200DCT	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	262.3	256.0	102.8	13	400LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	262.3	256.0	102.8	18	694LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	262.3	256.0	102.8	42	1250LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	262.3	256.0	102.8	166	8100LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	262.3	256.0	102.8	167	8200LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	262.3	256.0	102.8	169	8400LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	262.3	256.0	102.8	182	88003ALINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	262.3	256.0	102.8	190	89003BLINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	262.3	256.0	102.8	365	ESHORE12TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	262.3	256.0	102.8	372	GRNDAV1TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	262.3	256.0	102.8	374	GRNDAV3TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	262.3	256.0	102.8	441	WRIVER1TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	262.3	256.0	102.8	442	WRIVER2TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	262.0	256.0	102.8	15	1000LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	262.0	256.0	102.8	73	1550+1950LNS	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	262.0	256.0	102.8	74	1560LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	262.0	256.0	102.8	162	8100LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	262.0	256.0	102.8	163	8200LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	262.0	256.0	102.8	165	8400LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	262.0	256.0	102.8	193	89006BLINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.3	262.0	256.0	102.8	210	348NLINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	262.0	256.0	102.8	233	1000-1090DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	262.0	256.0	102.8	325	BAIRDBSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	262.0	256.0	102.8	368	GRNDAV1TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	262.0	256.0	102.8	370	GRNDAV3TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	262.0	256.0	102.8	456	SGTN1TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.1	251.8	256.0	102.8	470	SNGPEQ-KFR	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	266.5	256.0	102.8	266	1545-1570DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.2	266.5	256.0	102.8	349	DEVON6TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	259.9	256.0	102.7	66	1505LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	259.9	256.0	102.7	119	1760+1876LNS	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	259.9	256.0	102.7	182	88005ALINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	259.9	256.0	102.7	248	1272-1721DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	259.9	256.0	102.7	327	BECONFLSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	259.9	256.0	102.7	359	DEVSWST4TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	259.9	256.0	102.7	380	MLLRVRTSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	259.9	256.0	102.7	471	DEV-KFR	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	264.1	256.0	102.7	91	1618LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	264.1	256.0	102.7	96	1630LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	264.1	256.0	102.7	307	310-368DCT	6D (ESC)	FIX	Recond	0	OFF	

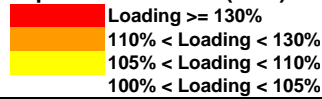
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	263.0	264.1	256.0	102.7	388	NOHAVN2TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	264.1	256.0	102.7	432	WALLING1TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	264.1	256.0	102.7	466	NORSING1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	253.7	256.0	102.7	254	1310-1763DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	258.3	256.0	102.7	424	TRPFALLST1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	262.3	256.0	102.7	15	667-690LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	262.3	256.0	102.7	47	1280LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	262.3	256.0	102.7	90	1610LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	262.3	256.0	102.7	185	88003ALINE-3	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	263.0	262.3	256.0	102.7	193	89003BLINE-3	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	262.3	256.0	102.7	273	1580-1730BDC	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	262.0	256.0	102.7	9	400LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	262.0	256.0	102.7	14	694LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	262.0	256.0	102.7	38	1250LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	262.0	256.0	102.7	321	ALLINGS1TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.9	262.0	256.0	102.7	322	ALLINGS2TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	259.9	256.0	102.6	100	1690LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	259.9	256.0	102.6	253	1394-1515DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	259.9	256.0	102.6	337	BUNKERH2T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	259.9	256.0	102.6	400	PLUMTREE28T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	259.9	256.0	102.6	415	SOTHNGTN20T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	259.9	256.0	102.6	474	NEWDEV2	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	264.1	256.0	102.6	75	1545+SPS	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	264.1	256.0	102.6	188	88005ALINE-2	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	264.1	256.0	102.6	196	89005BLINE-2	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	264.1	256.0	102.6	205	318LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	264.1	256.0	102.6	220	368LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	264.1	256.0	102.6	251	1261-1620DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	264.1	256.0	102.6	332	BOKUM1T	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	264.1	256.0	102.6	381	HADDAMBT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	264.1	256.0	102.6	459	SCOVKR8TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	264.1	256.0	102.6	461	SGTN3TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	264.1	256.0	102.6	469	devonstuck	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	258.3	256.0	102.6	402	QUINIPACST1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	262.3	256.0	102.6	45	1272LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	262.3	256.0	102.6	63	1445LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	262.3	256.0	102.6	82	1572+1772LNS	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	262.3	256.0	102.6	85	1585LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	262.3	256.0	102.6	89	1607LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	262.3	256.0	102.6	98	1640LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	262.3	256.0	102.6	107	1720LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	262.3	256.0	102.6	112	1730BLINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	262.3	256.0	102.6	197	89006BLINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	262.3	256.0	102.6	201	310LINE	14D (ESC)	fix	Recond	700	OFF	

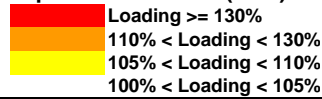
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	262.7	262.3	256.0	102.6	224	381LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	262.3	256.0	102.6	225	381LREAC	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	262.3	256.0	102.6	240	1070-1080DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	262.3	256.0	102.6	308	310-383DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	262.3	256.0	102.6	313	SOUTH1KAUTO	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	262.3	256.0	102.6	325	ALLINGS1TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	262.3	256.0	102.6	326	ALLINGS2TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	262.3	256.0	102.6	329	BAIRDBSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	262.3	256.0	102.6	338	BRANFRDRRIT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	262.3	256.0	102.6	351	DEVON8TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	262.3	256.0	102.6	352	DEVON10TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	262.3	256.0	102.6	359	DEVON27TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	262.3	256.0	102.6	373	GRNDAV2TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	262.3	256.0	102.6	414	SOTHNGTN12T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	262.3	256.0	102.6	416	SOTHNGTN14T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	262.3	256.0	102.6	434	WALLING3TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	262.3	256.0	102.6	480	362WLINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	262.0	256.0	102.6	43	1280LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	262.0	256.0	102.6	86	1610LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.8	262.0	256.0	102.6	118	1760LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	262.0	256.0	102.6	169	8804ALINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	262.0	256.0	102.6	172	8904BLINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	262.0	256.0	102.6	177	84004LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	262.0	256.0	102.6	212	352LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	262.0	256.0	102.6	334	BRANFRDRRIT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	266.5	256.0	102.6	7	1759-353NDCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	266.5	256.0	102.6	312	PLUMAUT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.6	266.5	256.0	102.6	316	LOSSDEV7	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	266.5	256.0	102.6	358	DEVON26TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	266.5	256.0	102.6	402	PEQUON42TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	255.9	256.0	102.6	210	347LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.7	255.9	256.0	102.6	211	347LREAC	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	259.9	256.0	102.5	48	1355LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	259.9	256.0	102.5	212	352LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	259.9	256.0	102.5	276	1670-1830DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	259.9	256.0	102.5	335	BROADWYST1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	259.9	256.0	102.5	358	DEVSWS13TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	259.9	256.0	102.5	360	EMERIDEN1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	259.9	256.0	102.5	379	JUNEST1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	259.9	256.0	102.5	414	SOTHNGTN16T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	259.9	256.0	102.5	436	WBROOKFLD1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	264.1	256.0	102.5	41	1238+1813LNS	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	264.1	256.0	102.5	48	1300LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	264.1	256.0	102.5	53	ONE1385	6D (ESC)	FIX	Recond	0	OFF	

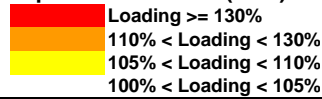
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	262.3	258.3	256.0	102.5	212	352LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	258.3	256.0	102.5	264	1570-1575DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	258.3	256.0	102.5	326	BATESROCK1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	258.3	256.0	102.5	339	COLONY1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	258.3	256.0	102.5	426	TRIANGLE3T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	23	1070LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	26	1090LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	27	1100LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	33	1191LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	34	1200LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	44	1270LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	50	1337LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	57	1410LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	60	1440LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	61	1443LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	66	1466LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	84	1580LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	86	1588LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	87	1594LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	100	1668LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	101	1670LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	102	1675LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	103	1685LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	105	1704LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	108	1721LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	115	1740LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	119	1753LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	120	1756LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	121	1759LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	122	1760LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	125	1765LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	128	1769LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	130	1771LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	135	1779LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	139	1785LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	141	1788LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	143	1792LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	149	1825LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	150	1830LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	151	1835LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	154	1870LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	157	1887LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	159	1900LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	161	1921LINE	14D (ESC)	fix	Recond	700	OFF	

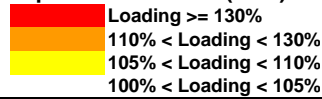
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	262.3	262.3	256.0	102.5	165	1990LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	168	8300LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	170	8500LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	172	8700LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	173	8804ALINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	176	8904BLINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	179	9500LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	180	9502LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	262.3	256.0	102.5	181	84004LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	183	88003ALINE-1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	191	89003BLINE-1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	261	1440-1450DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	279	1670-1771DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	322	LOSSNHAV	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	323	LOSSNOR1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	324	LOSSNOR2	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	348	DEVON4TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	353	DEVON11TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	354	DEVON12TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	369	FROSTBR27T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.3	256.0	102.5	417	SOTHNGTN15T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	437	WATERST1TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	438	WATERST2TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	262.3	256.0	102.5	464	SGTN6TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.5	473	SNG-PEQTAP	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	262.3	256.0	102.5	482	1975-362WDCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	262.0	256.0	102.5	11	667-690LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.0	256.0	102.5	59	1445LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	262.0	256.0	102.5	78	1572+1772LNS	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.0	256.0	102.5	81	1585LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	262.0	256.0	102.5	85	1607LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.0	256.0	102.5	103	1720LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.0	256.0	102.5	108	1730BLINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.0	256.0	102.5	150	1870LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	262.0	256.0	102.5	153	1887LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.0	256.0	102.5	161	1990LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.0	256.0	102.5	164	8300LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.0	256.0	102.5	197	310LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.0	256.0	102.5	222	383LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	262.0	256.0	102.5	236	1070-1080DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.0	256.0	102.5	269	1580-1730BDC	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.0	256.0	102.5	347	DEVON8TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.0	256.0	102.5	348	DEVON10TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	262.0	256.0	102.5	365	FROSTBR27T	18D (ESC)	FIX	Recond	-700	ON	

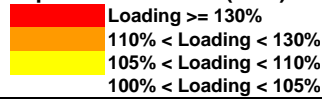
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	262.0	256.0	102.5	369	GRNDVAV2TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.4	262.0	256.0	102.5	410	SOTHNGTN12T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	251.8	256.0	102.5	352	DEVON24TSTK	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.5	266.5	256.0	102.5	449	CARD2TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	255.9	256.0	102.5	287	1770-1887DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	255.9	256.0	102.5	427	STONYHILL1T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	259.9	256.0	102.4	125	1770LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	259.9	256.0	102.4	185	88006ALINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	259.9	256.0	102.4	194	89006BLINE-1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	259.9	256.0	102.4	203	329LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	259.9	256.0	102.4	258	1470-1565DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	259.9	256.0	102.4	266	1575-1585DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	259.9	256.0	102.4	338	BUNKERH3T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	259.9	256.0	102.4	356	DEVSWST1TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	259.9	256.0	102.4	371	GRNDVAV4TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	259.9	256.0	102.4	374	GRNDVAV7TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	259.9	256.0	102.4	378	HAWTHORNST	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	259.9	256.0	102.4	394	PEACEABLE1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	259.9	256.0	102.4	399	PLUMTREE25T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	259.9	256.0	102.4	459	SGTN5TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	264.1	256.0	102.4	113	1730CLINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	264.1	256.0	102.4	401	PEQUON32TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	264.1	256.0	102.4	468	SINGERSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	264.1	256.0	102.4	471	devon-eshr2	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	258.3	256.0	102.4	286	1800-1825DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	258.3	256.0	102.4	404	SACKETST1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	11	100LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.4	16	689LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.4	17	693LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	20	1050LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.4	22	1060LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	30	1163LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	32	1165LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	35	1206LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	36	1207LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	37	1208LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	43	1261LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	49	1310LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	56	1394LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	64	1450LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.4	65	1460LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.4	68	1490LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	73	1537LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	76	1550LINE	14D (ESC)	fix	Recond	700	OFF	

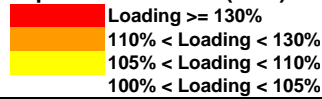
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	262.2	262.3	256.0	102.4	81	1572LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	92	1620SLINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	93	1620NLINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	95	1625LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.4	99	1655LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	117	1751LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	118	1752LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	124	1763LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	126	1766LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	127	1767LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	131	1772LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	133	1775LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	134	1777LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	140	1786LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	144	1800-1860LNS	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	145	1810LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	160	1910LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	162	1950LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	163	1975LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	174	8809ALINE-1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	177	8909BLINE-1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	238	1060-1165DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.3	256.0	102.4	239	1060-1270DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	274	1620-1975DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	288	1777-1779DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	311	MANCHAUTO1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	314	SOUTH2XAUTO	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	336	BRANFORD2T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	337	BRANFORD4T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	380	HADDAMAT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.3	256.0	102.4	423	SOTHNGTN25T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	435	WALLING4TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	436	WALLING5TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.3	256.0	102.4	477	NEWDEVI	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	19	1070LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	22	1090LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.0	256.0	102.4	29	1191LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.0	256.0	102.4	41	1272LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.0	256.0	102.4	56	1440LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.0	256.0	102.4	57	1443LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.0	256.0	102.4	61	1460LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.0	256.0	102.4	69	1537LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	83	1594LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.0	256.0	102.4	94	1640LINE	18D (ESC)	FIX	Recond	-700	ON	

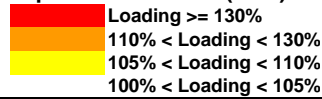
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	262.0	262.0	256.0	102.4	96	1668LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	97	1670LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	98	1675LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.0	256.0	102.4	104	1721LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	115	1753LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.0	256.0	102.4	117	1759LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	121	1765LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	126	1771LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	139	1792LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.0	256.0	102.4	166	8500LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	168	8700LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.0	256.0	102.4	170	8809ALINE-1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.0	256.0	102.4	173	8909BLINE-1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	176	9502LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.0	256.0	102.4	179	88003ALINE-1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.0	256.0	102.4	187	89003BLINE-1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.0	256.0	102.4	275	1670-1771DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.0	256.0	102.4	309	SOUTH1XAUTO	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.0	256.0	102.4	332	BRANFORD2T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.0	256.0	102.4	333	BRANFORD4T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.0	256.0	102.4	355	DEVON27TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	364	FROSTBR21T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.3	262.0	256.0	102.4	412	SOTHNGTN14T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.0	256.0	102.4	413	SOTHNGTN15T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.0	256.0	102.4	430	WALLING3TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	433	WATERST1TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	434	WATERST2TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.0	256.0	102.4	441	WOODMNT2TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.0	256.0	102.4	452	NOMNTSTBKR	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.0	256.0	102.4	453	NMSTBKREAC	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	262.0	256.0	102.4	460	SGTN6TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.2	262.0	256.0	102.4	476	362WLINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.4	478	1975-362WDCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	266.5	256.0	102.4	219	364+AUTO	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	266.5	256.0	102.4	455	MONTVSTBKR	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	255.9	256.0	102.4	247	1163-1550D-2	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	255.9	256.0	102.4	425	SOTHNGTN28T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.1	255.9	256.0	102.4	426	STEVENSNSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	259.9	256.0	102.3	42	1272+1445LNS	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	259.9	256.0	102.3	58	1443+1759LNS	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	259.9	256.0	102.3	143	1820LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	259.9	256.0	102.3	180	88003ALINE-2	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	259.9	256.0	102.3	188	89003BLINE-2	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	259.9	256.0	102.3	267	1575-1990DCT	2D (ESC)	FIX	Recond	0	ON	

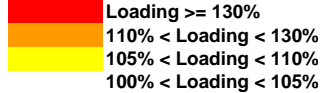
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	261.9	259.9	256.0	102.3	268	1580-1585DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	259.9	256.0	102.3	281	1732-1788DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	259.9	256.0	102.3	287	1810-1825DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	259.9	256.0	102.3	324	BAIRDASTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	259.9	256.0	102.3	357	DEVSWST2STK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	259.9	256.0	102.3	383	NOHAVN1TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	259.9	256.0	102.3	409	SNAUGALT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	259.9	256.0	102.3	416	SOTHNGTN22T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	259.9	256.0	102.3	417	SOTHNGTN23T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	264.1	256.0	102.3	109	1722LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	264.1	256.0	102.3	355	DEVON23TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	264.1	256.0	102.3	357	DEVON25TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	258.3	256.0	102.3	375	GREENHLL2T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.3	256.0	102.3	71	1508LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.3	256.0	102.3	72	1515LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.3	256.0	102.3	80	1570LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.3	256.0	102.3	137	1783LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.3	256.0	102.3	138	1784LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.3	256.0	102.3	171	8600LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.3	256.0	102.3	241	1080-1280DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.3	256.0	102.3	248	1207-1775DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.3	256.0	102.3	269	1570-1580DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.3	256.0	102.3	350	DEVON7TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.3	256.0	102.3	368	FROSTBR21T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.3	256.0	102.3	429	TRIANGLE2T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.3	256.0	102.3	433	WALLING2TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.3	256.0	102.3	443	WESTON1T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	7	100LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	12	689LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	13	693LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	18	1060LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	23	1100LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	26	1163LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	28	1165LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	30	1200LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	31	1206LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	32	1207LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	33	1208LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	39	1261LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	40	1270LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	45	1310LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	46	1337LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	52	1394LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	53	1410LINE	18D (ESC)	FIX	Recond	-700	ON	

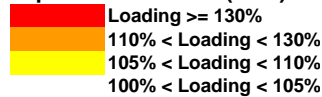
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	261.9	262.0	256.0	102.3	60	1450LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	62	1466LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	64	1490LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	72	1550LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	77	1572LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	80	1580LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	82	1588LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	88	1620SLINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	89	1620NLINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	91	1625LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	95	1655LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	99	1685LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	101	1704LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	111	1740LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	113	1751LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	114	1752LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	116	1756LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	120	1763LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	122	1766LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	123	1767LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	124	1769LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	127	1772LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	129	1775LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	130	1777LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	131	1779LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	134	1784LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	135	1785LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	136	1786LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	137	1788LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	140	1800-1860LNS	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	141	1810LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	145	1825LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	146	1830LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	147	1835LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	151	1876LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	155	1900LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	156	1910LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	157	1921LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	158	1950LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	159	1975LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	167	8600LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	175	9500LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	183	88005ALINE-1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	191	89005BLINE-1	18D (ESC)	FIX	Recond	-700	ON	

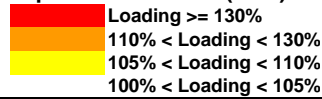
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	261.9	262.0	256.0	102.3	220	381LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	221	381LREAC	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	235	1060-1270DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	237	1080-1280DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	257	1440-1450DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	270	1620-1975DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	307	MANCHAUTO1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	310	SOUTH2XAUTO	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	319	LOSSNOR1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	320	LOSSNOR2	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	344	DEVON4TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	349	DEVON11TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	350	DEVON12TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	376	HADDAMAT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	403	ROCKRIVERIT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	419	SOTHNGTN25T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.3	429	WALLING2TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	431	WALLING4TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	432	WALLING5TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	458	SGTN4TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	262.0	256.0	102.3	469	SNG-PEQTAP	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.9	262.0	256.0	102.3	473	NEWDEV1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	255.9	256.0	102.3	289	1800-1810DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	262.0	255.9	256.0	102.3	422	SOTHNGTN24T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	255.9	256.0	102.3	431	TRIANGLE4T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	259.9	256.0	102.2	8	100+400LINES	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	259.9	256.0	102.2	17	1050+1766LNS	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	259.9	256.0	102.2	27	1163+1910LNS	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	259.9	256.0	102.2	79	1575LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	259.9	256.0	102.2	132	1780LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	259.9	256.0	102.2	138	1790LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	259.9	256.0	102.2	274	1668-1721DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	259.9	256.0	102.2	336	BUNKERH1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	259.9	256.0	102.2	363	FROSTBR15T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	259.9	256.0	102.2	420	SOTHNGTN26T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	259.9	256.0	102.2	461	SGTN7TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	259.9	256.0	102.2	472	ESHR-XFR	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	264.1	256.0	102.2	94	1622LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	264.1	256.0	102.2	146	1813LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	264.1	256.0	102.2	276	1622-1887DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	264.1	256.0	102.2	277	1637-1720DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	264.1	256.0	102.2	310	371-383DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	264.1	256.0	102.2	410	SHEPAUG13A	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	258.3	256.0	102.2	65	1500LINE	10D (ESC)	FIX	Recond	700	ON	

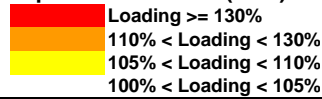
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	261.5	258.3	256.0	102.2	84	1605LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	258.3	256.0	102.2	249	1280-1870DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	258.3	256.0	102.2	251	1355-1610DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	258.3	256.0	102.2	372	GRNDV5TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	258.3	256.0	102.2	373	GRNDV6TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	258.3	256.0	102.2	381	MLLRVR2TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	258.3	256.0	102.2	411	SOTHNGTN13T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	258.3	256.0	102.2	440	WOODMNT1TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.3	256.0	102.2	14	500LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.3	256.0	102.2	114	1732LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.3	256.0	102.2	132	1773LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.3	256.0	102.2	148	1821LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.3	256.0	102.2	152	1836LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	262.3	256.0	102.2	226	383LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	262.3	256.0	102.2	228	387LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.3	256.0	102.2	249	1208-1640DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.3	256.0	102.2	286	1751-1777DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	262.3	256.0	102.2	335	BRANFORD1T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.3	256.0	102.2	407	ROCKRIVER1T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.3	256.0	102.2	470	devon-eshr1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.3	256.0	102.2	479	362ELINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.3	256.0	102.2	481	1466-362EDCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.0	256.0	102.2	16	1050LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	262.0	256.0	102.2	67	1508LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.0	256.0	102.2	68	1515LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	262.0	256.0	102.2	110	1732LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.0	256.0	102.2	128	1773LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.0	256.0	102.2	133	1783LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.0	256.0	102.2	190	89005BLINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.2	196	301-302LNS	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	262.0	256.0	102.2	198	312LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	262.0	256.0	102.2	199	312+393LNS	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	262.0	256.0	102.2	200	312+393REAC	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.0	256.0	102.2	234	1060-1165DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	262.0	256.0	102.2	244	1207-1775DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	262.0	256.0	102.2	245	1208-1640DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.8	262.0	256.0	102.2	284	1777-1779DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	262.0	256.0	102.2	331	BRANFORD1T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	262.0	256.0	102.2	439	WESTON1T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	262.0	256.0	102.2	466	devon-eshr1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.0	256.0	102.2	475	362ELINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.7	262.0	256.0	102.2	477	1466-362EDCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.6	255.9	256.0	102.2	478	NEWDEV2	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	259.9	256.0	102.1	20	1070+1490LNS	2D (ESC)	FIX	Recond	0	ON	

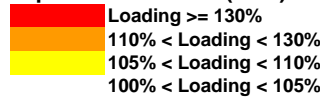
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	261.3	259.9	256.0	102.1	35	1235LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	259.9	256.0	102.1	171	8809ALINE-2	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	259.9	256.0	102.1	174	8909BLINE-2	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	259.9	256.0	102.1	178	88003ALINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	259.9	256.0	102.1	186	89003BLINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	259.9	256.0	102.1	193	89006BLINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	259.9	256.0	102.1	210	348NLINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	259.9	256.0	102.1	211	348N+AUTO	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	259.9	256.0	102.1	240	1100-1300DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	259.9	256.0	102.1	437	WRIVER1TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	259.9	256.0	102.1	438	WRIVER2TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	259.9	256.0	102.1	456	SGTN1TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	264.1	256.0	102.1	40	1238LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	264.1	256.0	102.1	97	1637LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	258.3	256.0	102.1	66	1505LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	258.3	256.0	102.1	182	88005ALINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	258.3	256.0	102.1	239	1100-1200DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	258.3	256.0	102.1	327	BECONFLSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	258.3	256.0	102.1	359	DEVSWS1TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	258.3	256.0	102.1	380	MLLRV1TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	258.3	256.0	102.1	471	DEV-XFR	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	262.3	256.0	102.1	25	1080LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	262.3	256.0	102.1	51	1342LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	262.3	256.0	102.1	74	1545LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	262.3	256.0	102.1	110	1726LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	262.3	256.0	102.1	155	1876LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	262.3	256.0	102.1	187	88005ALINE-1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	262.3	256.0	102.1	194	89005BLINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	262.3	256.0	102.1	195	89005BLINE-1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	262.3	256.0	102.1	200	301-302LNS	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	262.3	256.0	102.1	242	1080-1490DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	262.3	256.0	102.1	333	BOKUM2T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	262.3	256.0	102.1	334	BOKUM3T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	251.9	256.0	102.1	254	1310-1763DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	262.0	256.0	102.1	10	500LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	262.0	256.0	102.1	47	1342LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	262.0	256.0	102.1	76	1570LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	262.0	256.0	102.1	92	1630LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	262.0	256.0	102.1	106	1726LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	262.0	256.0	102.1	144	1821LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	262.0	256.0	102.1	148	1836LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	262.0	256.0	102.1	265	1570-1580DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	262.0	256.0	102.1	282	1751-1777DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	262.0	256.0	102.1	329	BOKUM2T	18D (ESC)	FIX	Recond	-700	ON	

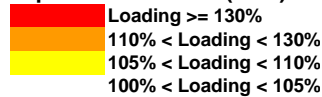
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	261.3	262.0	256.0	102.1	330	BOKUM3T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	262.0	256.0	102.1	346	DEVON7TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	262.0	256.0	102.1	384	NOHAVN2TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	262.0	256.0	102.1	425	TRIANGLE2T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.3	262.0	256.0	102.1	428	WALLING1TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	266.5	256.0	102.1	483	362W-376DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.4	255.9	256.0	102.1	265	1505-1607DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.5	255.9	256.0	102.1	386	MIXAVE1	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	259.9	256.0	102.0	73	1550+1950LNS	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	259.9	256.0	102.0	74	1560LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	259.9	256.0	102.0	162	8100LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	259.9	256.0	102.0	163	8200LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	259.9	256.0	102.0	165	8400LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	259.9	256.0	102.0	181	88003ALINE-3	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	259.9	256.0	102.0	189	89003BLINE-3	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	259.9	256.0	102.0	233	1000-1090DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	259.9	256.0	102.0	325	BAIRDBSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	259.9	256.0	102.0	368	GRNDAV1TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	259.9	256.0	102.0	370	GRNDAV3TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	259.9	256.0	102.0	385	NWALLING1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	264.1	256.0	102.0	306	310-348DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	258.3	256.0	102.0	248	1272-1721DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	258.3	256.0	102.0	253	1394-1515DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	258.3	256.0	102.0	337	BUNKERH2T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	258.3	256.0	102.0	415	SOTHNGTN20T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	262.3	256.0	102.0	91	1618LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	262.3	256.0	102.0	96	1630LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	262.3	256.0	102.0	388	NOHAVN2TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	262.3	256.0	102.0	432	WALLING1TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	262.3	256.0	102.0	467	SINGDEV1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	262.0	256.0	102.0	21	1080LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	262.0	256.0	102.0	87	1618LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	262.0	256.0	102.0	184	88005ALINE-2	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	262.0	256.0	102.0	192	89005BLINE-2	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	262.0	256.0	102.0	238	1080-1490DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	262.0	256.0	102.0	463	SINGDEV1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.2	251.8	256.0	102.0	250	1310-1763DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.1	255.9	256.0	102.0	267	1560-1570DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	259.9	256.0	101.9	14	694LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	259.9	256.0	101.9	15	1000LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	259.9	256.0	101.9	304	310-383DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	259.9	256.0	101.9	321	ALLINGS1TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	259.9	256.0	101.9	322	ALLINGS2TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	264.1	256.0	101.9	213	348LINE	6D (ESC)	FIX	Recond	0	OFF	

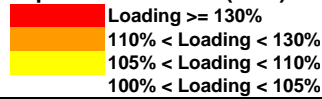
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	264.1	256.0	101.9	221	371LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	264.1	256.0	101.9	222	371+AUTO	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	264.1	256.0	101.9	266	1545-1570DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	264.1	256.0	101.9	275	1975-348DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	264.1	256.0	101.9	349	DEVON6TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	258.3	256.0	101.9	48	1355LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	258.3	256.0	101.9	100	1690LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	258.3	256.0	101.9	119	1760+1876LNS	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	258.3	256.0	101.9	203	329LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	258.3	256.0	101.9	258	1470-1565DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	258.3	256.0	101.9	276	1670-1830DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	258.3	256.0	101.9	335	BROADWYST1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	258.3	256.0	101.9	356	DEVSWST1TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	258.3	256.0	101.9	358	DEVSWST3TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	258.3	256.0	101.9	379	JUNEST1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	258.3	256.0	101.9	394	PEACEABLE1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	258.3	256.0	101.9	400	PLUMTREE28T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	258.3	256.0	101.9	414	SOTHNGTN16T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	258.3	256.0	101.9	459	SGTN5TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	258.3	256.0	101.9	474	NEWDEV2	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	247.9	256.0	101.9	225	393LINE	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	247.9	256.0	101.9	448	LONGMT5TSTK	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	262.3	256.0	101.9	75	1545+SPS	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	262.3	256.0	101.9	188	88005ALINE-2	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	262.3	256.0	101.9	196	89005BLINE-2	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	262.3	256.0	101.9	307	310-368DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	262.3	256.0	101.9	459	SCOVKR8TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	262.0	256.0	101.9	70	1545LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	262.0	256.0	101.9	216	368LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	262.0	256.0	101.9	303	310-368DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	262.0	256.0	101.9	462	NORSING1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	261.0	266.5	256.0	101.9	1	353NLINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	266.5	256.0	101.9	264	1470-1720DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.8	266.5	256.0	101.9	390	NORWALKST1	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.9	255.9	256.0	101.9	458	SCOVKR5TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	259.9	256.0	101.8	9	400LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	259.9	256.0	101.8	38	1250LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	259.9	256.0	101.8	43	1280LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	259.9	256.0	101.8	169	8804ALINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	259.9	256.0	101.8	172	8904BLINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	249.6	256.0	101.8	470	SNGPEQ-XFR	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	264.1	256.0	101.8	223	376LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	253.7	256.0	101.8	456	NOMNTSTBKR	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	253.7	256.0	101.8	457	NMSTBKREAC	7D (ESC)	FIX	Recond	0	OFF	

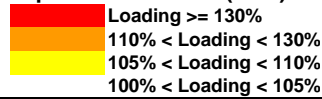
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	260.6	258.3	256.0	101.8	185	88006ALINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	258.3	256.0	101.8	194	89006BLINE-1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	258.3	256.0	101.8	266	1575-1585DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	258.3	256.0	101.8	360	EMERIDEN1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	258.3	256.0	101.8	371	GRNDAV4TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	258.3	256.0	101.8	374	GRNDAV7TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	258.3	256.0	101.8	436	WBROOKFLD1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	262.3	256.0	101.8	41	1238+1813LNS	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	262.3	256.0	101.8	48	1300LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	262.3	256.0	101.8	53	ONE1385	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	262.3	256.0	101.8	205	318LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	262.3	256.0	101.8	220	368LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	262.3	256.0	101.8	251	1261-1620DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	262.3	256.0	101.8	332	BOKUM1T	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	262.3	256.0	101.8	381	HADDAMBT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	262.3	256.0	101.8	461	SGTN3TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	262.3	256.0	101.8	466	NORSING1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	262.3	256.0	101.8	469	devonstuck	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	262.0	256.0	101.8	37	1238+1813LNS	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	262.0	256.0	101.8	201	318LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	262.0	256.0	101.8	213	352+AUTO	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	262.0	256.0	101.8	247	1261-1620DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	262.0	256.0	101.8	305	329-352DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	262.0	256.0	101.8	328	BOKUM1T	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	262.0	256.0	101.8	377	HADDAMBT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.7	262.0	256.0	101.8	454	SCOVKR5TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	262.0	256.0	101.8	457	SGTN3TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	262.0	256.0	101.8	465	devonstuck	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.6	266.5	256.0	101.8	6	353N+AUTO	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	266.5	256.0	101.8	8	1767-353NDCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	259.9	256.0	101.7	11	667-690LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	259.9	256.0	101.7	78	1572+1772LNS	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	259.9	256.0	101.7	85	1607LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	259.9	256.0	101.7	86	1610LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	259.9	256.0	101.7	108	1730BLINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	259.9	256.0	101.7	118	1760LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	259.9	256.0	101.7	177	84004LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	259.9	256.0	101.7	197	310LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	259.9	256.0	101.7	236	1070-1080DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	259.9	256.0	101.7	269	1580-1730BDC	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	259.9	256.0	101.7	334	BRANFRDRR1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	259.9	256.0	101.7	347	DEVON8TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	259.9	256.0	101.7	348	DEVON10TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	259.9	256.0	101.7	365	FROSTBR27T	2D (ESC)	FIX	Recond	0	ON	

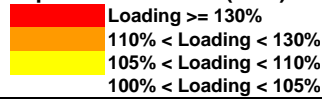
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	260.3	259.9	256.0	101.7	369	GRNDV2TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	259.9	256.0	101.7	410	SOTHNGTN12T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	249.6	256.0	101.7	352	DEVON24TSTK	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	264.1	256.0	101.7	312	PLUMAUT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	264.1	256.0	101.7	358	DEVON26TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	258.3	256.0	101.7	42	1272+1445LNS	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	258.3	256.0	101.7	58	1443+1759LNS	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	258.3	256.0	101.7	125	1770LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	258.3	256.0	101.7	143	1820LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	258.3	256.0	101.7	180	88003ALINE-2	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	258.3	256.0	101.7	188	89003BLINE-2	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	258.3	256.0	101.7	268	1580-1585DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	258.3	256.0	101.7	287	1810-1825DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	258.3	256.0	101.7	324	BAIRDASTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	258.3	256.0	101.7	338	BUNKERH3T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	258.3	256.0	101.7	357	DEVSWST2TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	258.3	256.0	101.7	378	HAWTHORNST	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	258.3	256.0	101.7	383	NOHAVN1TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.5	258.3	256.0	101.7	399	PLUMTREE25T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	258.3	256.0	101.7	409	SNAUGALT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	258.3	256.0	101.7	417	SOTHNGTN22T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	258.3	256.0	101.7	417	SOTHNGTN23T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	262.3	256.0	101.7	113	1730CLINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	262.3	256.0	101.7	401	PEQUON32TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	262.0	256.0	101.7	49	ONE1385	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.4	266.5	256.0	101.7	67	1470LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.3	255.9	256.0	101.7	330	BATESROCK1T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.9	256.0	101.6	41	1272LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	259.9	256.0	101.6	56	1440LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	259.9	256.0	101.6	59	1445LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.9	256.0	101.6	61	1460LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	259.9	256.0	101.6	69	1537LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	259.9	256.0	101.6	81	1585LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.9	256.0	101.6	94	1640LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	259.9	256.0	101.6	103	1720LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	259.9	256.0	101.6	150	1870LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	259.9	256.0	101.6	153	1887LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	259.9	256.0	101.6	161	1990LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	259.9	256.0	101.6	164	8300LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.9	256.0	101.6	170	8809ALINE-1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.9	256.0	101.6	173	8909BLINE-1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	259.9	256.0	101.6	179	88003ALINE-1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	259.9	256.0	101.6	187	89003BLINE-1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.9	256.0	101.6	213	352+AUTO	2D (ESC)	FIX	Recond	0	ON	

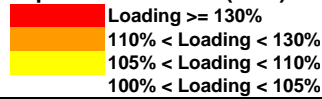
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	260.1	259.9	256.0	101.6	220	381LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.9	256.0	101.6	221	381LREAC	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	259.9	256.0	101.6	275	1670-1771DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.9	256.0	101.6	305	329-352DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.9	256.0	101.6	309	SOUTH1KAUTO	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	259.9	256.0	101.6	332	BRANFORD2T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	259.9	256.0	101.6	355	DEVON27TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.9	256.0	101.6	412	SOTHNGTN14T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	259.9	256.0	101.6	413	SOTHNGTN15T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.9	256.0	101.6	430	WALLING3TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	259.9	256.0	101.6	441	WOODMNT2TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	259.9	256.0	101.6	458	SGTN4TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	259.9	256.0	101.6	460	SGTN6TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	259.9	256.0	101.6	476	362WLINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	264.1	256.0	101.6	316	LOSSDEV7	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	264.1	256.0	101.6	402	PEQUON42TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	253.7	256.0	101.6	287	1770-1887DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	253.7	256.0	101.6	427	STONYHILL1T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	258.3	256.0	101.6	8	100+400LINES	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	258.3	256.0	101.6	79	1575LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	258.3	256.0	101.6	132	1780LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	258.3	256.0	101.6	138	1790LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	258.3	256.0	101.6	211	348N+AUTO	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	258.3	256.0	101.6	267	1575-1990DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	258.3	256.0	101.6	274	1668-1721DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	258.3	256.0	101.6	281	1732-1788DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	258.3	256.0	101.6	336	BUNKERH1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	258.3	256.0	101.6	461	SGTN7TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	262.3	256.0	101.6	355	DEVON23TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	262.3	256.0	101.6	357	DEVON25TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	262.3	256.0	101.6	471	devon-eshr2	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	262.0	256.0	101.6	44	1300LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	262.0	256.0	101.6	71	1545+SPS	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	262.0	256.0	101.6	225	393LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	262.0	256.0	101.6	306	371-383DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	262.0	256.0	101.6	464	SINGERSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	262.0	256.0	101.6	467	devon-eshr2	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.2	266.5	256.0	101.6	315	LOSSBPT3	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.1	255.9	256.0	101.6	343	COLONY1T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	7	100LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	12	689LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	13	693LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	18	1060LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	19	1070LINE	2D (ESC)	FIX	Recond	0	ON	

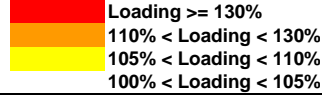
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	259.9	259.9	256.0	101.5	22	1090LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	23	1100LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	26	1163LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	28	1165LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	259.9	256.0	101.5	29	1191LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	30	1200LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	31	1206LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	32	1207LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	33	1208LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	40	1270LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	45	1310LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	46	1337LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	52	1394LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	53	1410LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	57	1443LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	60	1450LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	62	1466LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	64	1490LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	72	1550LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	77	1572LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	80	1580LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	82	1588LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	83	1594LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	89	1620LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.5	91	1625LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	95	1655LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	96	1668LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	97	1670LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	98	1675LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	99	1685LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	101	1704LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	259.9	256.0	101.5	104	1721LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	111	1740LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	113	1751LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	115	1753LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	116	1756LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	117	1759LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	120	1763LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	121	1765LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	122	1766LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	123	1767LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	124	1769LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	126	1771LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	127	1772LINE	2D (ESC)	FIX	Recond	0	ON	

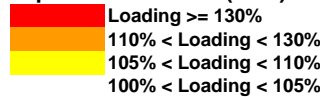
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	259.8	259.9	256.0	101.5	129	1775LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	131	1779LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.5	134	1784LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	135	1785LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	136	1786LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	137	1788LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	139	1792LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	140	1800-1860LNS	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	141	1810LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	145	1825LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	146	1830LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	147	1835LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	155	1900LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.5	156	1910LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	157	1921LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.5	158	1950LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	159	1975LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	259.9	256.0	101.5	166	8500LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	167	8600LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	168	8700LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	175	9500LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	176	9502LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.5	183	88005ALINE-1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.5	191	89005BLINE-1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	235	1060-1270DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	257	1440-1450DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	307	MANCHAUTO1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.5	310	SOUTH2XAUTO	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	319	LOSSNOR1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	320	LOSSNOR2	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	333	BRANFORD4T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	344	DEVON4TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	349	DEVON11TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	350	DEVON12TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	364	FROSTBR21T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	431	WALLING4TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	259.9	256.0	101.5	432	WALLING5TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	433	WATERST1TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	434	WATERST2TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	259.9	256.0	101.5	469	ENG-PEQTAP	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.5	473	NEWDEV1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	259.9	256.0	101.5	478	1975-362WDCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	253.7	256.0	101.5	247	1163-1550D-2	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	253.7	256.0	101.5	289	1800-1810DCT	7D (ESC)	FIX	Recond	0	OFF	

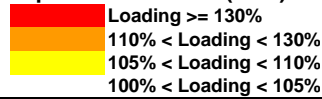
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	259.8	253.7	256.0	101.5	422	SOTHNGTN24T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	253.7	256.0	101.5	425	SOTHNGTN28T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	258.3	256.0	101.5	17	1050+1766LNS	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	258.3	256.0	101.5	27	1163+1910LNS	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	258.3	256.0	101.5	171	8809ALINE-2	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	258.3	256.0	101.5	174	8909BLINE-2	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	258.3	256.0	101.5	178	88003ALINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	258.3	256.0	101.5	186	89003BLINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	258.3	256.0	101.5	193	89006BLINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	258.3	256.0	101.5	210	348NLINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	258.3	256.0	101.5	213	352-AUTO	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	258.3	256.0	101.5	240	1100-1300DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	258.3	256.0	101.5	305	329-352DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	258.3	256.0	101.5	363	FROSTBR15T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	258.3	256.0	101.5	420	SOTHNGTN26T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	258.3	256.0	101.5	437	WRIVER1TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	258.3	256.0	101.5	438	WRIVER2TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	258.3	256.0	101.5	456	SGTN1TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	258.3	256.0	101.5	472	ESHR-XFR	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	262.3	256.0	101.5	94	1622LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	262.3	256.0	101.5	109	1722LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	262.3	256.0	101.5	146	1813LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	262.3	256.0	101.5	276	1622-1887DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	262.3	256.0	101.5	299	1460-387DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.8	262.3	256.0	101.5	410	SHEPAUG13A	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	262.0	256.0	101.5	142	1813LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	262.0	256.0	101.5	272	1622-1887DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.9	262.0	256.0	101.5	406	SHEPAUG13A	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	255.9	256.0	101.5	253	1280-1870DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	260.0	255.9	256.0	101.5	290	1800-1825DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	255.9	256.0	101.5	406	QUINIPACST1	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	259.9	256.0	101.4	16	1050LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.4	39	1261LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	259.9	256.0	101.4	67	1508LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	259.9	256.0	101.4	68	1515LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.4	88	1620SLINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.4	114	1752LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	259.9	256.0	101.4	128	1773LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	259.9	256.0	101.4	130	1777LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	259.9	256.0	101.4	133	1783LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	259.9	256.0	101.4	190	89005BLINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	259.9	256.0	101.4	196	301-302LNS	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	259.9	256.0	101.4	206	347LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	259.9	256.0	101.4	207	347LREAC	2D (ESC)	FIX	Recond	0	ON	

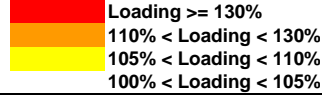
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	259.7	259.9	256.0	101.4	222	383LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	259.9	256.0	101.4	234	1060-1165DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	259.9	256.0	101.4	237	1080-1280DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	259.9	256.0	101.4	245	1208-1640DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.4	270	1620-1975DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	259.9	256.0	101.4	284	1777-1779DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.4	376	HADDAMAT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	259.9	256.0	101.4	403	ROCKRIVER1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.4	419	SOTHNGN25T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	259.9	256.0	101.4	425	TRIANGLE2T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	259.9	256.0	101.4	429	WALLING2TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	259.9	256.0	101.4	475	362ELINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	253.7	256.0	101.4	426	STEVENSNSTK	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	253.7	256.0	101.4	431	TRIANGLE4T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	258.3	256.0	101.4	20	1070+1490LNS	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	258.3	256.0	101.4	35	1235LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	258.3	256.0	101.4	73	1550+1950LNS	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	258.3	256.0	101.4	74	1560LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	258.3	256.0	101.4	181	88003ALINE-3	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	258.3	256.0	101.4	189	89003BLINE-3	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	258.3	256.0	101.4	325	BAIRDBSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	258.3	256.0	101.4	368	GRNDAV1TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	258.3	256.0	101.4	370	GRNDAV3TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	258.3	256.0	101.4	385	NWALLING1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	262.3	256.0	101.4	468	SINGERSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	262.0	256.0	101.4	36	1238LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	262.0	256.0	101.4	90	1622LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	262.0	256.0	101.4	105	1722LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	262.0	256.0	101.4	109	1730CLINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	262.0	256.0	101.4	273	1637-1720DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	262.0	256.0	101.4	351	DEVON23TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	262.0	256.0	101.4	353	DEVON25TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	262.0	256.0	101.4	397	PEQUON32TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	266.5	256.0	101.4	116	1750LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	266.5	256.0	101.4	397	OLDTOWNST	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	255.9	256.0	101.4	268	1570-1575DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	255.9	256.0	101.4	379	GREENHLL2T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.6	255.9	256.0	101.4	408	SACKETST1	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	255.9	256.0	101.4	428	TRPFALLST1	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.7	255.9	256.0	101.4	430	TRIANGLE3T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.9	256.0	101.3	10	500LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.9	256.0	101.3	76	1570LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.9	256.0	101.3	110	1732LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.9	256.0	101.3	144	1821LINE	2D (ESC)	FIX	Recond	0	ON	

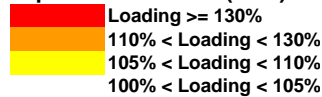
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	259.9	256.0	101.3	148	1836LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.9	256.0	101.3	151	1876LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.9	256.0	101.3	244	1207-1775DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.9	256.0	101.3	265	1570-1580DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.9	256.0	101.3	282	1751-1777DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.9	256.0	101.3	331	BRANFORD1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.9	256.0	101.3	346	DEVON7TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.9	256.0	101.3	439	WESTON1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	259.9	256.0	101.3	466	devon-eshr1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	259.9	256.0	101.3	477	1466-362EDCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	253.7	256.0	101.3	386	MIXAVE1	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	253.7	256.0	101.3	478	NEWDEV2	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	258.3	256.0	101.3	14	694LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	258.3	256.0	101.3	15	1000LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	258.3	256.0	101.3	162	8100LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	258.3	256.0	101.3	163	8200LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	258.3	256.0	101.3	165	8400LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	258.3	256.0	101.3	233	1000-1090DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	258.3	256.0	101.3	321	ALLINGS1TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	258.3	256.0	101.3	322	ALLINGS2TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	262.3	256.0	101.3	40	1238LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	262.3	256.0	101.3	97	1637LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.5	262.3	256.0	101.3	277	1637-1720DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	262.3	256.0	101.3	310	371-383DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	262.0	256.0	101.3	93	1637LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	262.0	256.0	101.3	302	310-348DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.4	262.0	256.0	101.3	455	SCOVKR8TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	255.9	256.0	101.3	69	1500LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	255.9	256.0	101.3	262	1470-1565DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.3	255.9	256.0	101.3	398	PEACEABLE1T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.9	256.0	101.2	21	1080LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.9	256.0	101.2	47	1342LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.9	256.0	101.2	87	1618LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.9	256.0	101.2	92	1630LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.9	256.0	101.2	106	1726LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.9	256.0	101.2	184	88005ALINE-2	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.9	256.0	101.2	192	89005BLINE-2	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	259.9	256.0	101.2	238	1080-1490DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.9	256.0	101.2	329	BOKUM2T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.9	256.0	101.2	330	BOKUM3T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.9	256.0	101.2	384	NOHAVN2TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	259.9	256.0	101.2	428	WALLING1TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	249.6	256.0	101.2	250	1310-1763DCT	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	249.6	256.0	101.2	454	SCOVKR5TSTK	3D (ESC)	FIX	Recond	0	ON	

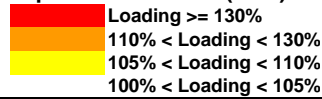
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	259.1	264.1	256.0	101.2	219	364+AUTO	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	264.1	256.0	101.2	455	MONTVSTBKR	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	253.7	256.0	101.2	202	312LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	253.7	256.0	101.2	203	312+393LNS	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	253.7	256.0	101.2	204	312+393REAC	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	253.7	256.0	101.2	265	1505-1607DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	258.3	256.0	101.2	9	400LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	258.3	256.0	101.2	38	1250LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	258.3	256.0	101.2	169	8804ALINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	258.3	256.0	101.2	172	8904BLINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	262.3	256.0	101.2	210	347LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	262.3	256.0	101.2	211	347LREAC	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	262.3	256.0	101.2	266	1545-1570DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	262.3	256.0	101.2	349	DEVON6TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	262.0	256.0	101.2	209	348LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	262.0	256.0	101.2	217	371LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	262.0	256.0	101.2	271	1975-348DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	255.9	256.0	101.2	70	1505LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.2	255.9	256.0	101.2	88	1605LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.1	255.9	256.0	101.2	243	1100-1200DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	259.0	255.9	256.0	101.2	476	ESHR-XFR	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	259.9	256.0	101.1	70	1545LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	259.9	256.0	101.1	463	SINGDEV1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	264.1	256.0	101.1	264	1470-1720DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	264.1	256.0	101.1	390	NORWALKST1	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	253.7	256.0	101.1	267	1560-1570DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	258.3	256.0	101.1	11	667-690LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	258.3	256.0	101.1	43	1280LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	258.3	256.0	101.1	78	1572+1772LNS	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	258.3	256.0	101.1	85	1607LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	258.3	256.0	101.1	86	1610LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	258.3	256.0	101.1	177	84004LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	258.3	256.0	101.1	197	310LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	258.3	256.0	101.1	220	381LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	258.3	256.0	101.1	221	381LREAC	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	258.3	256.0	101.1	236	1070-1080DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	258.3	256.0	101.1	269	1580-1730BDC	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	258.3	256.0	101.1	304	310-383DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	258.3	256.0	101.1	334	BRANFRDRR1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	258.3	256.0	101.1	355	DEVON27TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	258.3	256.0	101.1	369	GRNDAV2TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	258.3	256.0	101.1	410	SOTHNGTNI2T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	262.3	256.0	101.1	221	371LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	262.3	256.0	101.1	306	310-348DCT	14D (ESC)	fix	Recond	700	OFF	

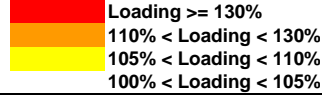
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	258.9	262.0	256.0	101.1	218	371+AUTO	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.9	255.9	256.0	101.1	123	1760+1876LNS	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	255.9	256.0	101.1	255	1355-1610DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	255.9	256.0	101.1	257	1394-1515DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	255.9	256.0	101.1	308	310-383DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	255.9	256.0	101.1	331	BECONFLSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	255.9	256.0	101.1	385	MLLRVR2TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	255.9	256.0	101.1	404	PLUMTREE28T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	255.9	256.0	101.1	415	SOTHNGTN13T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.8	255.9	256.0	101.1	419	SOTHNGTN20T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	255.9	256.0	101.1	440	WBROOKFLD1T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	259.9	256.0	101.0	303	310-368DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	264.1	256.0	101.0	7	1759-353NDCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	264.1	256.0	101.0	67	1470LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	264.1	256.0	101.0	483	362W-376DCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	258.3	256.0	101.0	41	1272LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	258.3	256.0	101.0	59	1445LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	101.0	61	1460LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	258.3	256.0	101.0	81	1585LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	258.3	256.0	101.0	94	1640LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	258.3	256.0	101.0	108	1730BLINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	101.0	118	1760LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	101.0	150	1870LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	258.3	256.0	101.0	153	1887LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	258.3	256.0	101.0	161	1990LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	258.3	256.0	101.0	164	8300LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	258.3	256.0	101.0	170	8809ALINE-1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	258.3	256.0	101.0	173	8909BLINE-1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	258.3	256.0	101.0	309	SOUTH1XAUTO	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	258.3	256.0	101.0	347	DEVON8TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	258.3	256.0	101.0	348	DEVON10TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	258.3	256.0	101.0	365	FROSTBR27T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	258.3	256.0	101.0	412	SOTHNGTN14T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	258.3	256.0	101.0	430	WALLING3TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	258.3	256.0	101.0	441	WOODMNT2TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	258.3	256.0	101.0	458	GGTN4TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	258.3	256.0	101.0	476	362WLINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	247.9	256.0	101.0	352	DEVON24TSTK	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	247.9	256.0	101.0	470	SNGPEQ-XFR	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	262.3	256.0	101.0	213	348LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.7	262.3	256.0	101.0	222	371+AUTO	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	262.3	256.0	101.0	223	376LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	262.3	256.0	101.0	275	1975-348DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	262.3	256.0	101.0	312	PLUMAUT	14D (ESC)	fix	Recond	700	OFF	

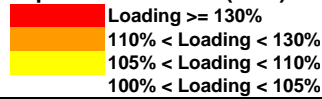
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	258.6	262.3	256.0	101.0	358	DEVON26TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	262.0	256.0	101.0	219	376LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	251.8	256.0	101.0	206	347LINE	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	251.8	256.0	101.0	207	347LREAC	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	255.9	256.0	101.0	52	1355LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	255.9	256.0	101.0	104	1690LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	255.9	256.0	101.0	129	1770LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	255.9	256.0	101.0	252	1272-1721DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	255.9	256.0	101.0	280	1670-1830DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	255.9	256.0	101.0	341	BUNKERH2T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	255.9	256.0	101.0	384	MLLRVRLTSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.5	255.9	256.0	101.0	403	PLUMTREE25T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.6	255.9	256.0	101.0	418	SOTHNGTN16T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	259.9	256.0	100.9	37	1238+1813LNS	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	259.9	256.0	100.9	49	ONEL385	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	259.9	256.0	100.9	201	318LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	259.9	256.0	100.9	216	368LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	259.9	256.0	100.9	247	1261-1620DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	259.9	256.0	100.9	328	BOKUM1T	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	259.9	256.0	100.9	377	HADDAMBT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	259.9	256.0	100.9	457	SGTN3TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	259.9	256.0	100.9	465	devonstuck	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	7	100LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	12	689LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	13	693LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	18	1060LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	19	1070LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	22	1090LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	23	1100LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	26	1163LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	28	1165LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	29	1191LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	30	1200LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	31	1206LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	32	1207LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	33	1208LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	40	1270LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	45	1310LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	46	1337LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	52	1394LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	53	1410LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	100.9	56	1440LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	57	1443LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	60	1450LINE	10D (ESC)	FIX	Recond	700	ON	

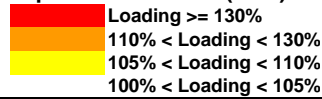
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	258.3	258.3	256.0	100.9	62	1466LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	64	1490LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	100.9	69	1537LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	80	1580LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	82	1588LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	83	1594LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	89	1620LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	95	1655LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	96	1668LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	97	1670LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	98	1675LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	100.9	99	1685LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	101	1704LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	103	1720LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	100.9	104	1721LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	111	1740LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	113	1751LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	115	1753LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	116	1756LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	117	1759LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	120	1763LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	121	1765LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	122	1766LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	123	1767LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	124	1769LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	126	1771LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	127	1772LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	129	1775LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	131	1779LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	135	1785LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	136	1786LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	137	1788LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	139	1792LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	140	1800-1860LNS	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	141	1810LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	145	1825LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	146	1830LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	147	1835LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	155	1900LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	157	1921LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	100.9	166	8500LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	168	8700LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	175	9500LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	176	9502LINE	10D (ESC)	FIX	Recond	700	ON	

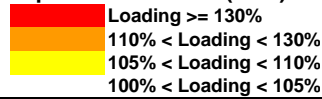
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	258.4	258.3	256.0	100.9	179	88003ALINE-1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	183	88005ALINE-1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	100.9	187	89003BLINE-1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	191	89005BLINE-1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	235	1060-1270DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	257	1440-1450DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	100.9	275	1670-1771DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	307	MANCHAUTO1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	319	LOSSNOR1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	320	LOSSNOR2	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	100.9	332	BRANFORD2T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	333	BRANFORD4T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	344	DEVON4TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	349	DEVON11TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	350	DEVON12TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	100.9	413	SOTHNGTN15T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	431	WALLING4TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.9	432	WALLING5TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	433	WATERST1TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	434	WATERST2TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	100.9	460	SGTN6TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	258.3	256.0	100.9	469	SNG-PEQTAP	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	258.3	256.0	100.9	478	1975-362WDCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	262.3	256.0	100.9	316	LOSSDEV7	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	262.3	256.0	100.9	402	PEQUON42TSTK	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	251.9	256.0	100.9	287	1770-1887DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	251.9	256.0	100.9	427	STONYHILL1T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	262.0	256.0	100.9	398	PEQUON42TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	251.8	256.0	100.9	283	1770-1887DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	251.8	256.0	100.9	423	STONYHILL1T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	255.9	256.0	100.9	136	1780LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	255.9	256.0	100.9	142	1790LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	255.9	256.0	100.9	271	1575-1990DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.4	255.9	256.0	100.9	339	BROADWYST1	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.3	255.9	256.0	100.9	364	EMERIDEN1T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	255.9	256.0	100.9	444	WOODMNT1TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	259.9	256.0	100.8	44	1300LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	259.9	256.0	100.8	71	1545+SPS	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	259.9	256.0	100.8	462	NORSING1	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	253.7	256.0	100.8	210	347LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	253.7	256.0	100.8	211	347LREAC	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	253.7	256.0	100.8	330	BATESROCK1T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	16	1050LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	39	1261LINE	10D (ESC)	FIX	Recond	700	ON	

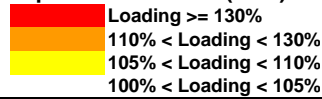
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	258.0	258.3	256.0	100.8	68	1515LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.8	72	1550LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.8	77	1572LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	88	1620SLINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	91	1625LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	114	1752LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	130	1777LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	258.3	256.0	100.8	133	1783LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	258.3	256.0	100.8	134	1784LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	156	1910LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	158	1950LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.8	159	1975LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.8	167	8600LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	190	89005BLINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	258.3	256.0	100.8	234	1060-1165DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	270	1620-1975DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	258.3	256.0	100.8	284	1777-1779DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.8	310	SOUTH2XAUTO	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	364	FROSTBR21T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	376	HADDAMAT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	419	SOTHNGTN25T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	258.3	256.0	100.8	429	WALLING2TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	258.3	256.0	100.8	473	NEWDEV1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	251.9	256.0	100.8	247	1163-1550D-2	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	251.9	256.0	100.8	289	1800-1810DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	251.9	256.0	100.8	422	SOTHNGTN24T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	251.9	256.0	100.8	425	SOTHNGTN28T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	251.9	256.0	100.8	431	TRIANGLE4T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	262.0	256.0	100.8	262	1545-1570DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	262.0	256.0	100.8	308	PLUMAUT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	262.0	256.0	100.8	312	LOSSDEV7	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	262.0	256.0	100.8	345	DEVON6TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	262.0	256.0	100.8	354	DEVON26TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	262.0	256.0	100.8	445	CARD2TSTK	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	251.8	256.0	100.8	243	1163-1550D-2	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	251.8	256.0	100.8	285	1800-1810DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	251.8	256.0	100.8	418	SOTHNGTN24T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	251.8	256.0	100.8	421	SOTHNGTN28T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	255.9	256.0	100.8	62	1443+1759LNS	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	255.9	256.0	100.8	147	1820LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	255.9	256.0	100.8	189	88006ALINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.1	255.9	256.0	100.8	198	89006BLINE-1	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	255.9	256.0	100.8	270	1575-1585DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.2	255.9	256.0	100.8	285	1732-1788DCT	23D (ESC)	FIX	Recond	-700	OFF	

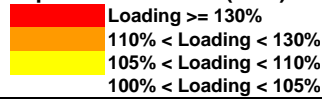
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	258.0	255.9	256.0	100.8	291	1810-1825DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	255.9	256.0	100.8	328	BAIRDASTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	255.9	256.0	100.8	342	BUNKERH3T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	255.9	256.0	100.8	383	JUNEST1	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	255.9	256.0	100.8	420	SOTHNGTN22T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	258.0	255.9	256.0	100.8	421	SOTHNGTN23T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	259.9	256.0	100.7	142	1813LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	259.9	256.0	100.7	272	1622-1887DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	259.9	256.0	100.7	406	SHEPAUG13A	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	264.1	256.0	100.7	315	LOSSBPT3	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	264.1	256.0	100.7	449	CARD2TSTK	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	253.7	256.0	100.7	262	1470-1565DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	253.7	256.0	100.7	290	1800-1825DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	253.7	256.0	100.7	343	COLONY1T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	253.7	256.0	100.7	398	PEACEABLE1T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	258.3	256.0	100.7	67	1508LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	258.3	256.0	100.7	76	1570LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	258.3	256.0	100.7	110	1732LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	258.3	256.0	100.7	128	1773LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	258.3	256.0	100.7	148	1836LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	258.3	256.0	100.7	237	1080-1280DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	258.3	256.0	100.7	244	1207-1775DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	258.3	256.0	100.7	245	1208-1640DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	258.3	256.0	100.7	265	1570-1580DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	258.3	256.0	100.7	282	1751-1777DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	258.3	256.0	100.7	331	BRANFORD1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	258.3	256.0	100.7	346	DEVON7TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	258.3	256.0	100.7	403	ROCKRIVER1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	258.3	256.0	100.7	425	TRIANGLE2T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	258.3	256.0	100.7	475	362ELINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	251.8	256.0	100.7	422	STEVENSNSTK	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	251.8	256.0	100.7	427	TRIANGLE4T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.9	255.9	256.0	100.7	46	1272+1445LNS	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	255.9	256.0	100.7	83	1575LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	255.9	256.0	100.7	186	88005ALINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	255.9	256.0	100.7	207	329LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	255.9	256.0	100.7	272	1580-1585DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	255.9	256.0	100.7	278	1668-1721DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	255.9	256.0	100.7	340	BUNKERH1T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	255.9	256.0	100.7	363	DEVSWS74TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	255.9	256.0	100.7	367	FROSTBR15T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	255.9	256.0	100.7	376	GRNDAV5TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	255.9	256.0	100.7	377	GRNDAV6TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.8	255.9	256.0	100.7	413	SNAUGALT	23D (ESC)	FIX	Recond	-700	OFF	

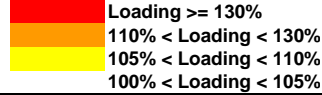
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	257.8	255.9	256.0	100.7	463	SGTN5TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	255.9	256.0	100.7	465	SGTN7TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	259.9	256.0	100.6	90	1622LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	259.9	256.0	100.6	105	1722LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	259.9	256.0	100.6	109	1730CLINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	259.9	256.0	100.6	397	PEQUON32TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	259.9	256.0	100.6	467	devon-eshr2	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	253.7	256.0	100.6	253	1280-1870DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	253.7	256.0	100.6	268	1570-1575DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	253.7	256.0	100.6	406	QUINIPACST1	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	253.7	256.0	100.6	428	TRPPFALLST1	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	253.7	256.0	100.6	430	TRIANGLE3T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	258.3	256.0	100.6	10	500LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	258.3	256.0	100.6	47	1342LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	258.3	256.0	100.6	92	1630LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	258.3	256.0	100.6	106	1726LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.7	258.3	256.0	100.6	144	1821LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	258.3	256.0	100.6	151	1876LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	258.3	256.0	100.6	184	88005ALINE-2	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	258.3	256.0	100.6	192	89005BLINE-2	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	258.3	256.0	100.6	196	301-302LNS	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	258.3	256.0	100.6	222	383LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	258.3	256.0	100.6	330	BOKUM3T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	258.3	256.0	100.6	384	NOHAVN2TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	258.3	256.0	100.6	428	WALLING1TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	258.3	256.0	100.6	439	WESTON1T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	258.3	256.0	100.6	466	devon-eshr1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	258.3	256.0	100.6	477	1466-362EDCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	251.9	256.0	100.6	265	1505-1607DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	251.9	256.0	100.6	386	MIXAVEL	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	251.9	256.0	100.6	426	STEVENSNSTK	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	262.0	256.0	100.6	3	1759-353DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	262.0	256.0	100.6	215	364+AUTO	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	262.0	256.0	100.6	451	WONTVSTBKR	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	251.8	256.0	100.6	382	MIXAVEL	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	266.5	256.0	100.6	38	1222LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	255.9	256.0	100.6	12	100+400LINES	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	255.9	256.0	100.6	21	1050+1766LNS	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	255.9	256.0	100.6	31	1163+1910LNS	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	255.9	256.0	100.6	175	8809ALINE-2	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	255.9	256.0	100.6	178	8909BLINE-2	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	255.9	256.0	100.6	215	348N+AUTO	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.5	255.9	256.0	100.6	244	1100-1300DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.6	255.9	256.0	100.6	382	HAWTHORNST	23D (ESC)	FIX	Recond	-700	OFF	

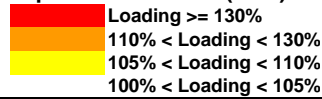
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	257.6	255.9	256.0	100.6	424	SOTHNGTN26T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.2	259.9	256.0	100.5	36	1238LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	259.9	256.0	100.5	306	371-383DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	259.9	256.0	100.5	351	DEVON23TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	259.9	256.0	100.5	353	DEVON25TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	259.9	256.0	100.5	455	SCOVKR8TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	264.1	256.0	100.5	116	1750LINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	253.7	256.0	100.5	379	GREENHLL2T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	253.7	256.0	100.5	408	SACKETST1	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	258.3	256.0	100.5	21	1080LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.2	258.3	256.0	100.5	70	1545LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	258.3	256.0	100.5	87	1618LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	258.3	256.0	100.5	238	1080-1490DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	258.3	256.0	100.5	329	BOKUM2T	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	247.9	256.0	100.5	250	1310-1763DCT	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	262.3	256.0	100.5	67	1470LINE	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.2	262.3	256.0	100.5	264	1470-1720DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	262.3	256.0	100.5	390	NORWALKST1	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.2	251.9	256.0	100.5	267	1560-1570DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	251.9	256.0	100.5	478	NEWDEV2	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	251.8	256.0	100.5	261	1505-1607DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	266.5	256.0	100.5	263	1470-1637DCT	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.4	255.9	256.0	100.5	24	1070+1490LNS	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	255.9	256.0	100.5	39	1235LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.2	255.9	256.0	100.5	77	1550+1950LNS	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	255.9	256.0	100.5	214	348NLINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	255.9	256.0	100.5	360	DEVSWST1TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	255.9	256.0	100.5	362	DEVSWST3TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.2	255.9	256.0	100.5	389	NWALLING1T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.3	255.9	256.0	100.5	460	SGTN1TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	259.9	256.0	100.4	93	1637LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	259.9	256.0	100.4	273	1637-1720DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	259.9	256.0	100.4	464	SINGERSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	264.1	256.0	100.4	397	OLDTOWNST	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	253.7	256.0	100.4	69	1500LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	253.7	256.0	100.4	70	1505LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	253.7	256.0	100.4	88	1605LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	253.7	256.0	100.4	229	393LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	258.3	256.0	100.4	463	SINGDEV1	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	262.0	256.0	100.4	260	1470-1720DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	262.0	256.0	100.4	386	NORWALKST1	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	255.9	256.0	100.4	19	1000LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.0	255.9	256.0	100.4	169	8400LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	255.9	256.0	100.4	216	352LINE	23D (ESC)	FIX	Recond	-700	OFF	

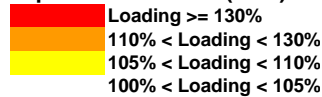
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	255.9	256.0	100.4	226	383LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	257.1	255.9	256.0	100.4	237	1000-1090DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	255.9	256.0	100.4	361	DEVSWST2TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	259.9	256.0	100.3	217	371LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	259.9	256.0	100.3	302	310-348DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	264.1	256.0	100.3	1	353NLINE	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	253.7	256.0	100.3	216	352LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	253.7	256.0	100.3	243	1100-1200DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	253.7	256.0	100.3	476	ESHV-XFR	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	258.3	256.0	100.3	37	1238+1813LNS	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	258.3	256.0	100.3	49	ONE1385	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	262.3	256.0	100.3	219	364+AUTO	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	262.3	256.0	100.3	455	MONTVSTBKR	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	251.9	256.0	100.3	452	LONGMT5TSTK	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	262.0	256.0	100.3	63	1470LINE	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	262.0	256.0	100.3	479	362W-376DCT	18D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	251.8	256.0	100.3	474	NEWDEV2	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	266.5	256.0	100.3	447	CARD1TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	266.5	256.0	100.3	450	CARD3TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	266.5	256.0	100.3	458	SCOVK5TSTK	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	255.9	256.0	100.3	13	400LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	255.9	256.0	100.3	18	694LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	255.9	256.0	100.3	42	1250LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	255.9	256.0	100.3	47	1280LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	255.9	256.0	100.3	166	8100LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	255.9	256.0	100.3	167	8200LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	255.9	256.0	100.3	184	88003ALINE-2	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.9	255.9	256.0	100.3	192	89003BLINE-2	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	255.9	256.0	100.3	365	ESHORE12TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	255.9	256.0	100.3	372	GRNDAV1TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	255.9	256.0	100.3	374	GRNDAV3TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	255.9	256.0	100.3	375	GRNDAV4TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.8	255.9	256.0	100.3	378	GRNDAV7TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.7	255.9	256.0	100.3	475	DEV-XFR	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	259.9	256.0	100.2	209	348LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	259.9	256.0	100.2	218	371+AUTO	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	259.9	256.0	100.2	271	1975-348DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	264.1	256.0	100.2	6	353N+AUTO	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	253.7	256.0	100.2	255	1355-1610DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	253.7	256.0	100.2	257	1394-1515DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	253.7	256.0	100.2	331	BECONFLSTK	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	253.7	256.0	100.2	385	MLLRVR2TSTK	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	253.7	256.0	100.2	415	SOTHNGTN13T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	253.7	256.0	100.2	419	SOTHNGTN20T	7D (ESC)	FIX	Recond	0	OFF	

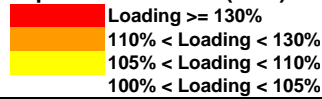
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	256.5	258.3	256.0	100.2	44	1300LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	258.3	256.0	100.2	71	1545+SPS	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	258.3	256.0	100.2	201	318LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	258.3	256.0	100.2	216	368LINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	258.3	256.0	100.2	247	1261-1620DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	258.3	256.0	100.2	303	310-368DCT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	258.3	256.0	100.2	328	BOKUMLT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	258.3	256.0	100.2	377	HADDAMBT	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	251.9	256.0	100.2	262	1470-1565DCT	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	251.9	256.0	100.2	398	PEACEABLE1T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	251.8	256.0	100.2	263	1560-1570DCT	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	251.8	256.0	100.2	326	BATESROCK1T	19D (ESC)	FIX	Recond	-700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	266.5	256.0	100.2	208	330LINE	22D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	255.9	256.0	100.2	15	667-690LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	255.9	256.0	100.2	78	1560LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	255.9	256.0	100.2	82	1572+1772LNS	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	255.9	256.0	100.2	89	1607LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	255.9	256.0	100.2	98	1640LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	255.9	256.0	100.2	112	1730BLINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	255.9	256.0	100.2	122	1760LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	255.9	256.0	100.2	154	1870LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	255.9	256.0	100.2	157	1887LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	255.9	256.0	100.2	165	1990LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	255.9	256.0	100.2	201	310LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	255.9	256.0	100.2	240	1070-1080DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	255.9	256.0	100.2	249	1208-1640DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	255.9	256.0	100.2	351	DEVON8TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	255.9	256.0	100.2	352	DEVON10TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.6	255.9	256.0	100.2	369	FROSTBR27T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.5	255.9	256.0	100.2	387	NOHAVN1TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	255.9	256.0	100.2	462	SGTN4TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	259.9	256.0	100.1	219	376LINE	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	259.9	256.0	100.1	398	PEQUON42TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	249.6	256.0	100.1	283	1770-1887DCT	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	249.6	256.0	100.1	423	STONYHILL1T	3D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	264.1	256.0	100.1	8	1767-353NDCT	6D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	253.7	256.0	100.1	52	1355LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	253.7	256.0	100.1	104	1690LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	253.7	256.0	100.1	123	1760+1876LNS	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	253.7	256.0	100.1	129	1770LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	253.7	256.0	100.1	252	1272-1721DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	253.7	256.0	100.1	280	1670-1830DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	253.7	256.0	100.1	339	BROADWYST1	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	253.7	256.0	100.1	341	BUNKERH2T	7D (ESC)	FIX	Recond	0	OFF	

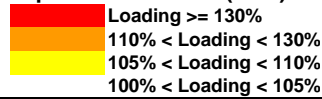
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	256.2	253.7	256.0	100.1	364	EMERIDEN1T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	253.7	256.0	100.1	384	MLLRV1TSTK	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	253.7	256.0	100.1	403	PLUMTREE25T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	253.7	256.0	100.1	404	PLUMTREE28T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	253.7	256.0	100.1	418	SOTHNGTN16T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	253.7	256.0	100.1	440	WBROOKFLD1T	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	253.7	256.0	100.1	444	WOODMNT1TSTK	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	258.3	256.0	100.1	457	SGTN3TSTK	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	258.3	256.0	100.1	465	devonstuck	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	247.9	256.0	100.1	230	PLUMNOR	11D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	262.3	256.0	100.1	483	362W-376DCT	14D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	251.9	256.0	100.1	216	352LINE	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	251.9	256.0	100.1	330	BATESROCK1T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	251.9	256.0	100.1	343	COLONY1T	15D (ESC)	fix	Recond	700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	255.9	256.0	100.1	7	1759-353NDCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	255.9	256.0	100.1	63	1445LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	255.9	256.0	100.1	174	8809ALINE-1	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	255.9	256.0	100.1	177	8909BLINE-1	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	255.9	256.0	100.1	181	84004LINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	255.9	256.0	100.1	182	88003ALINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	255.9	256.0	100.1	190	89003BLINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.4	255.9	256.0	100.1	197	89006BLINE	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	255.9	256.0	100.1	273	1580-1730BDC	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	255.9	256.0	100.1	279	1670-1771DCT	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	255.9	256.0	100.1	313	SOUTH1XAUTO	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	255.9	256.0	100.1	329	BAIRDBSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	255.9	256.0	100.1	338	BRANFRDRR1T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	255.9	256.0	100.1	368	FROSTBR21T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	255.9	256.0	100.1	373	GRNDV2TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.2	255.9	256.0	100.1	416	SOTHNGTN14T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	255.9	256.0	100.1	417	SOTHNGTN15T	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	255.9	256.0	100.1	441	WRIVER1TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.3	255.9	256.0	100.1	442	WRIVER2TSTK	23D (ESC)	FIX	Recond	-700	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	259.9	256.0	100.0	262	1545-1570DCT	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	259.9	256.0	100.0	345	DEVON6TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	259.9	256.0	100.0	354	DEVON26TSTK	2D (ESC)	FIX	Recond	0	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	253.7	256.0	100.0	136	1780LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	253.7	256.0	100.0	142	1790LINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	253.7	256.0	100.0	189	88006ALINE	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	253.7	256.0	100.0	198	89006BLINE-1	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	253.7	256.0	100.0	308	310-383DCT	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	253.7	256.0	100.0	463	SGTN5TSTK	7D (ESC)	FIX	Recond	0	OFF	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	258.3	256.0	100.0	109	1730CLINE	10D (ESC)	FIX	Recond	700	ON	
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	258.3	256.0	100.0	142	1813LINE	10D (ESC)	FIX	Recond	700	ON	

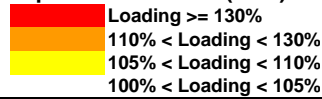
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	256.0	258.3	256.0	251.9	256.0	100.0	397	PEQUON32TSTK	10D (ESC)	FIX	Recond	700 ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	251.9	256.0	251.8	256.0	100.0	290	1800-1825DCT	15D (ESC)	fix	Recond	700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	251.8	256.0	251.8	256.0	100.0	258	1470-1565DCT	19D (ESC)	FIX	Recond	-700 ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	251.8	256.0	251.8	256.0	100.0	339	COLONY1T	19D (ESC)	FIX	Recond	-700 ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	251.8	256.0	251.8	256.0	100.0	394	PEACEABLE1T	19D (ESC)	FIX	Recond	-700 ON
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	255.9	256.0	255.9	256.0	100.0	23	1070LINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	255.9	256.0	255.9	256.0	100.0	26	1090LINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	255.9	256.0	255.9	256.0	100.0	33	1191LINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	255.9	256.0	255.9	256.0	100.0	45	1272LINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	255.9	256.0	255.9	256.0	100.0	60	1440LINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	255.9	256.0	255.9	256.0	100.0	61	1443LINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	255.9	256.0	255.9	256.0	100.0	85	1585LINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	255.9	256.0	255.9	256.0	100.0	90	1610LINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	255.9	256.0	255.9	256.0	100.0	101	1670LINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	255.9	256.0	255.9	256.0	100.0	108	1721LINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	255.9	256.0	255.9	256.0	100.0	121	1759LINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	255.9	256.0	255.9	256.0	100.0	130	1771LINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	255.9	256.0	255.9	256.0	100.0	138	1784LINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	255.9	256.0	255.9	256.0	100.0	183	88003ALINE-1	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	255.9	256.0	255.9	256.0	100.0	185	88003ALINE-3	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	255.9	256.0	255.9	256.0	100.0	191	89003BLINE-1	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	255.9	256.0	255.9	256.0	100.0	193	89003BLINE-3	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	255.9	256.0	255.9	256.0	100.0	359	DEVON27TSTK	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	255.9	256.0	255.9	256.0	100.0	414	SOTHNGTNI2T	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	255.9	256.0	255.9	256.0	100.0	464	SGTN6TSTK	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.1	255.9	256.0	255.9	256.0	100.0	480	362WLINE	23D (ESC)	FIX	Recond	-700 OFF
73172 NORWALK	115 73207 FLAX HIL 115 1	LN	256.0	255.9	256.0	255.9	256.0	100.0	482	1975-362WDCT	23D (ESC)	FIX	Recond	-700 OFF
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	280.1	165.5	253.0	110.7	253.0	110.7	369	FROSTBR27T	17D (ESC)	fix	Recond	700 OFF
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	278.5	163.6	253.0	110.1	253.0	110.1	369	FROSTBR27T	14D (ESC)	fix	Recond	700 OFF
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	276.8	164.1	253.0	109.4	253.0	109.4	369	FROSTBR27T	9D (ESC)	FIX	Recond	0 OFF
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	275.6	162.3	253.0	108.9	253.0	108.9	369	FROSTBR27T	6D (ESC)	FIX	Recond	0 OFF
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	273.1	162.4	253.0	107.9	253.0	107.9	369	FROSTBR27T	25D (ESC)	FIX	Recond	-700 OFF
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	271.6	160.6	253.0	107.4	253.0	107.4	369	FROSTBR27T	22D (ESC)	FIX	Recond	-700 OFF
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	261.6	155.1	253.0	103.4	253.0	103.4	365	FROSTBR27T	13D (ESC)	FIX	Recond	700 ON
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	260.0	153.2	253.0	102.8	253.0	102.8	365	FROSTBR27T	10D (ESC)	FIX	Recond	700 ON
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	258.6	153.7	253.0	102.2	253.0	102.2	365	FROSTBR27T	5D (ESC)	FIX	Recond	0 ON
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	256.6	151.7	253.0	101.4	253.0	101.4	365	FROSTBR27T	2D (ESC)	FIX	Recond	0 ON
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	254.8	152.1	253.0	100.7	253.0	100.7	365	FROSTBR27T	21D (ESC)	FIX	Recond	-700 ON
73183 SHAWSHIL	115 73185 BUNKER H 115 1	LN	253.3	150.2	253.0	100.1	253.0	100.1	365	FROSTBR27T	18D (ESC)	FIX	Recond	-700 ON
73188 BCNFL PF	115 73192 DRBY J B 115 1	LN	149.3	22.5	112.0	133.3	112.0	133.3	252	1272-1721DCT	9D (ESC)	FIX	Recond	0 OFF
73188 BCNFL PF	115 73192 DRBY J B 115 1	LN	149.3	23.3	112.0	133.3	112.0	133.3	252	1272-1721DCT	17D (ESC)	fix	Recond	700 OFF
73188 BCNFL PF	115 73192 DRBY J B 115 1	LN	149.3	20.9	112.0	133.3	112.0	133.3	252	1272-1721DCT	25D (ESC)	FIX	Recond	-700 OFF
73188 BCNFL PF	115 73192 DRBY J B 115 1	LN	148.3	13.3	112.0	132.4	112.0	132.4	248	1272-1721DCT	21D (ESC)	FIX	Recond	-700 ON
73188 BCNFL PF	115 73192 DRBY J B 115 1	LN	147.5	14.9	112.0	131.7	112.0	131.7	248	1272-1721DCT	5D (ESC)	FIX	Recond	0 ON

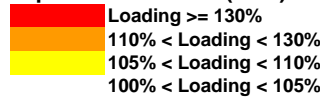
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	147.5	16.3	112.0	131.7	248	1272-1721DCT	13D (ESC)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	146.9	23.1	112.0	131.1	252	1272-1721DCT	6D (ESC)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	146.9	24.4	112.0	131.1	252	1272-1721DCT	14D (ESC)	fix	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	146.8	22.3	112.0	131.1	252	1272-1721DCT	22D (ESC)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	145.7	16.8	112.0	130.1	248	1272-1721DCT	2D (ESC)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	145.7	17.8	112.0	130.1	248	1272-1721DCT	10D (ESC)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	145.6	15.0	112.0	130.0	248	1272-1721DCT	18D (ESC)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	143.3	9.6	112.0	128.0	252	1272-1721DCT	7D (ESC)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	143.4	9.7	112.0	128.0	252	1272-1721DCT	23D (ESC)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	143.3	9.8	112.0	127.9	252	1272-1721DCT	15D (ESC)	fix	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	142.8	13.8	112.0	127.5	248	1272-1721DCT	3D (ESC)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	142.8	13.2	112.0	127.5	248	1272-1721DCT	11D (ESC)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	142.8	14.8	112.0	127.5	248	1272-1721DCT	19D (ESC)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	142.2	23.0	112.0	127.0	252	1272-1721DCT	8D (ESC)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	142.2	22.1	112.0	127.0	252	1272-1721DCT	16D (ESC)	fix	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	142.2	24.1	112.0	127.0	252	1272-1721DCT	24D (ESC)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	141.7	30.3	112.0	126.5	248	1272-1721DCT	4D (ESC)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	141.7	29.3	112.0	126.5	248	1272-1721DCT	12D (ESC)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	141.7	31.6	112.0	126.5	248	1272-1721DCT	20D (ESC)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	122.0	22.5	112.0	108.9	341	BUNKERH2T	9D (ESC)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	122.0	23.3	112.0	108.9	341	BUNKERH2T	17D (ESC)	fix	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	122.0	20.9	112.0	108.9	341	BUNKERH2T	25D (ESC)	fix	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	121.3	14.9	112.0	108.3	337	BUNKERH2T	5D (ESC)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	121.3	16.3	112.0	108.3	337	BUNKERH2T	13D (ESC)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	121.1	13.3	112.0	108.2	337	BUNKERH2T	21D (ESC)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	119.6	22.3	112.0	106.8	341	BUNKERH2T	22D (ESC)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	118.9	15.0	112.0	106.2	337	BUNKERH2T	18D (ESC)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	118.9	16.8	112.0	106.1	337	BUNKERH2T	2D (ESC)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	117.9	23.1	112.0	105.3	341	BUNKERH2T	6D (ESC)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	117.8	24.4	112.0	105.2	341	BUNKERH2T	14D (ESC)	fix	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	117.3	17.8	112.0	104.8	337	BUNKERH2T	10D (ESC)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	117.3	14.8	112.0	104.7	337	BUNKERH2T	19D (ESC)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	117.2	9.6	112.0	104.6	341	BUNKERH2T	7D (ESC)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	117.1	9.8	112.0	104.6	341	BUNKERH2T	15D (ESC)	fix	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	117.2	9.7	112.0	104.6	341	BUNKERH2T	23D (ESC)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	116.6	13.8	112.0	104.1	337	BUNKERH2T	3D (ESC)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	116.6	13.2	112.0	104.1	337	BUNKERH2T	11D (ESC)	FIX	Recond	700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	116.1	31.6	112.0	103.7	337	BUNKERH2T	20D (ESC)	FIX	Recond	-700	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	116.0	23.0	112.0	103.6	341	BUNKERH2T	8D (ESC)	FIX	Recond	0	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	116.0	22.1	112.0	103.6	341	BUNKERH2T	16D (ESC)	fix	Recond	700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	116.0	24.1	112.0	103.6	341	BUNKERH2T	24D (ESC)	FIX	Recond	-700	OFF		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	115.5	30.3	112.0	103.1	337	BUNKERH2T	4D (ESC)	FIX	Recond	0	ON		
73188 BCNFL PF 115 73192 DRBY J B 115 1	LN	115.4	29.3	112.0	103.1	337	BUNKERH2T	12D (ESC)	FIX	Recond	700	ON		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	288.7	140.2	228.0	126.6	485	1460-387DCT_ESA_config	14D (ESC)	fix	Recond	700	OFF		

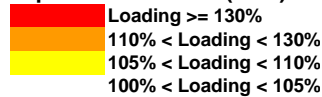
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	287.7	143.2	228.0	126.2	485	1460-387DCT_ESA_config	17D (ESC)	fix	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	279.5	143.2	228.0	122.6	484	387LINE_ESA_config	17D (ESC)	fix	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	279.4	140.2	228.0	122.5	484	387LINE_ESA_config	14D (ESC)	fix	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	276.9	140.2	228.0	121.4	299	1460-387DCT	14D (ESC)	fix	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	275.3	143.2	228.0	120.7	299	1460-387DCT	17D (ESC)	fix	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	272.8	134.1	228.0	119.6	485	1460-387DCT_ESA_config	6D (ESC)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	270.5	137.0	228.0	118.6	485	1460-387DCT_ESA_config	9D (ESC)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	267.8	140.2	228.0	117.5	228	387LINE	14D (ESC)	fix	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	266.9	143.2	228.0	117.1	228	387LINE	17D (ESC)	fix	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	263.9	134.1	228.0	115.7	484	387LINE_ESA_config	6D (ESC)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	262.9	137.0	228.0	115.3	484	387LINE_ESA_config	9D (ESC)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	261.8	140.2	228.0	114.8	486	SCOVK5TSTK_ESA_config	14D (ESC)	fix	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	261.8	143.2	228.0	114.8	486	SCOVK5TSTK_ESA_config	17D (ESC)	fix	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	260.9	134.1	228.0	114.4	299	1460-387DCT	6D (ESC)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	259.2	137.0	228.0	113.7	299	1460-387DCT	9D (ESC)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	253.6	134.1	228.0	111.2	228	387LINE	6D (ESC)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	253.6	126.6	228.0	111.2	485	1460-387DCT_ESA_config	22D (ESC)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	252.5	137.0	228.0	110.8	228	387LINE	9D (ESC)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	251.9	129.6	228.0	110.5	485	1460-387DCT_ESA_config	25D (ESC)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	251.7	140.2	228.0	110.4	458	SCOVK5TSTK	14D (ESC)	fix	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	250.7	143.2	228.0	110.0	458	SCOVK5TSTK	17D (ESC)	fix	Recond	700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	248.3	134.1	228.0	108.9	486	387LINE_ESA_config	6D (ESC)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	247.0	126.6	228.0	108.3	484	387LINE_ESA_config	22D (ESC)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	246.7	137.0	228.0	108.2	486	SCOVK5TSTK_ESA_config	9D (ESC)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	245.3	129.6	228.0	107.6	484	387LINE_ESA_config	25D (ESC)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	241.9	126.6	228.0	106.1	299	1460-387DCT	22D (ESC)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	240.4	129.6	228.0	105.4	299	1460-387DCT	25D (ESC)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	237.1	134.1	228.0	104.0	458	SCOVK5TSTK	6D (ESC)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	236.3	137.0	228.0	103.6	458	SCOVK5TSTK	9D (ESC)	FIX	Recond	0	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	236.1	114.2	228.0	103.5	481	1460-387DCT_ESA_config	10D (ESC)	FIX	Recond	700	ON		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	235.8	126.6	228.0	103.4	228	387LINE	22D (ESC)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	234.8	117.1	228.0	103.0	481	1460-387DCT_ESA_config	13D (ESC)	FIX	Recond	700	ON		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	234.7	129.6	228.0	103.0	228	387LINE	25D (ESC)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	231.3	126.6	228.0	101.4	486	SCOVK5TSTK_ESA_config	22D (ESC)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	230.3	114.2	228.0	101.0	480	387LINE_ESA_config	10D (ESC)	FIX	Recond	700	ON		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	229.7	129.6	228.0	100.7	486	SCOVK5TSTK_ESA_config	25D (ESC)	FIX	Recond	-700	OFF		
73196 GLEN JCT 115 73198 SOUTHGTN 115 1	LN	229.4	117.1	228.0	100.6	480	387LINE_ESA_config	13D (ESC)	FIX	Recond	700	ON		
73198 SOUTHGTN 115 73631 WLNPF PF 115 1	LN	354.3	179.6	330.0	107.4	484	387LINE_ESA_config	14D (ESC)	fix	Recond	700	OFF		
73198 SOUTHGTN 115 73631 WLNPF PF 115 1	LN	351.9	180.5	330.0	106.6	484	387LINE_ESA_config	17D (ESC)	fix	Recond	700	OFF		
73198 SOUTHGTN 115 73631 WLNPF PF 115 1	LN	339.6	179.6	330.0	102.9	228	387LINE	14D (ESC)	fix	Recond	700	OFF		
73198 SOUTHGTN 115 73631 WLNPF PF 115 1	LN	339.4	179.6	330.0	102.8	485	1460-387DCT_ESA_config	14D (ESC)	fix	Recond	700	OFF		
73198 SOUTHGTN 115 73631 WLNPF PF 115 1	LN	337.0	180.5	330.0	102.1	485	1460-387DCT_ESA_config	17D (ESC)	fix	Recond	700	OFF		
73198 SOUTHGTN 115 73631 WLNPF PF 115 1	LN	336.2	172.5	330.0	101.9	484	387LINE_ESA_config	6D (ESC)	FIX	Recond	0	OFF		
73198 SOUTHGTN 115 73631 WLNPF PF 115 1	LN	336.2	180.5	330.0	101.9	228	387LINE	17D (ESC)	fix	Recond	700	OFF		

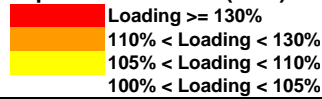
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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
73198	SOUTHGTN 115 73631	WLNGF PF 115 1	LN	333.7	179.6	330.0	101.1	486	SCOVKR5TSTK_ESA_config	14D (ESC)	fix	Recond	700	OFF
73198	SOUTHGTN 115 73631	WLNGF PF 115 1	LN	331.9	173.6	330.0	100.6	484	387LINE_ESA_config	9D (ESC)	FIX	Recond	0	OFF
73198	SOUTHGTN 115 73631	WLNGF PF 115 1	LN	330.6	180.5	330.0	100.2	486	SCOVKR5TSTK_ESA_config	17D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	466.5	222.0	256.0	182.2	259	1416-1880DCT	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	462.8	219.5	256.0	180.8	259	1416-1880DCT	6D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	460.3	217.2	256.0	179.8	255	1416-1880DCT	18D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	459.9	217.7	256.0	179.7	259	1416-1880DCT	14D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	457.1	215.1	256.0	178.6	255	1416-1880DCT	2D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	454.8	213.6	256.0	177.6	255	1416-1880DCT	10D (ESC)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	451.8	211.0	256.0	176.5	259	1416-1880DCT	23D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	448.5	208.8	256.0	175.2	259	1416-1880DCT	7D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	446.4	206.9	256.0	174.4	255	1416-1880DCT	19D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	445.9	207.0	256.0	174.2	259	1416-1880DCT	15D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	443.2	204.7	256.0	173.1	255	1416-1880DCT	3D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	440.7	203.0	256.0	172.1	255	1416-1880DCT	11D (ESC)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	439.3	222.0	256.0	171.6	296	1880-1977DCT	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	435.6	219.5	256.0	170.2	296	1880-1977DCT	6D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	433.1	217.2	256.0	169.2	292	1880-1977DCT	18D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	432.8	217.7	256.0	169.1	296	1880-1977DCT	14D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	430.0	215.1	256.0	168.0	292	1880-1977DCT	2D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	427.7	213.6	256.0	167.1	292	1880-1977DCT	10D (ESC)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	424.7	211.0	256.0	165.9	296	1880-1977DCT	23D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	421.4	208.8	256.0	164.6	296	1880-1977DCT	7D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	419.4	206.9	256.0	163.8	292	1880-1977DCT	19D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	418.8	207.0	256.0	163.6	296	1880-1977DCT	15D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	416.1	204.7	256.0	162.5	292	1880-1977DCT	3D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	413.6	203.0	256.0	161.6	292	1880-1977DCT	11D (ESC)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	378.8	222.0	256.0	148.0	246	113091001DCT	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	377.3	219.5	256.0	147.4	246	113091001DCT	6D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	376.5	217.2	256.0	147.1	242	113091001DCT	18D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	376.4	217.7	256.0	147.0	246	113091001DCT	14D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	375.6	215.1	256.0	146.7	242	113091001DCT	2D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	375.0	213.6	256.0	146.5	242	113091001DCT	10D (ESC)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	374.5	222.0	256.0	146.3	370	GLENBROOK3T	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	373.8	211.0	256.0	146.0	246	113091001DCT	23D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	372.9	222.0	256.0	145.7	156	1880LINE	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	372.9	222.0	256.0	145.7	395	NORWLKHAR4T	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	372.6	208.8	256.0	145.6	246	113091001DCT	7D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	372.5	206.9	256.0	145.5	242	113091001DCT	19D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	372.5	222.0	256.0	145.5	391	NORWALKST2	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	371.8	207.0	256.0	145.2	246	113091001DCT	15D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	371.3	204.7	256.0	145.1	242	113091001DCT	3D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	370.6	203.0	256.0	144.8	242	113091001DCT	11D (ESC)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	370.3	219.5	256.0	144.7	370	GLENBROOK3T	6D (ESC)	FIX	Recond	0	OFF

List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	368.8	219.5	256.0	144.1	156	1880LINE	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	368.8	219.5	256.0	144.1	395	NORWLKHAR4T	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	368.0	219.5	256.0	143.7	391	NORWALKST2	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	367.1	217.7	256.0	143.4	370	GLENBROOK3T	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	367.0	217.2	256.0	143.4	366	GLENBROOK3T	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	365.7	217.7	256.0	142.9	156	1880LINE	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	365.7	217.7	256.0	142.9	395	NORWLKHAR4T	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	365.8	217.2	256.0	142.9	152	1880LINE	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	365.8	217.2	256.0	142.9	391	NORWLKHAR4T	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	364.9	217.2	256.0	142.5	387	NORWALKST2	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	364.5	217.7	256.0	142.4	391	NORWALKST2	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	363.4	215.1	256.0	141.9	366	GLENBROOK3T	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	362.1	215.1	256.0	141.4	152	1880LINE	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	362.1	215.1	256.0	141.4	391	NORWLKHAR4T	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	360.8	215.1	256.0	140.9	387	NORWALKST2	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	360.6	213.6	256.0	140.9	366	GLENBROOK3T	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	359.3	213.6	256.0	140.4	152	1880LINE	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	359.3	213.6	256.0	140.4	391	NORWLKHAR4T	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	357.6	213.6	256.0	139.7	387	NORWALKST2	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	356.9	211.0	256.0	139.4	370	GLENBROOK3T	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	355.8	211.0	256.0	139.0	156	1880LINE	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	355.8	211.0	256.0	139.0	395	NORWLKHAR4T	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	353.4	211.0	256.0	138.0	391	NORWALKST2	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	353.1	208.8	256.0	137.9	370	GLENBROOK3T	7D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	352.7	222.0	256.0	137.8	295	1880-1890DCT	22D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	352.0	208.8	256.0	137.5	156	1880LINE	7D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	352.0	208.8	256.0	137.5	395	NORWLKHAR4T	7D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	350.5	219.5	256.0	136.9	295	1880-1890DCT	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	350.2	206.9	256.0	136.8	366	GLENBROOK3T	19D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	350.0	207.0	256.0	136.7	370	GLENBROOK3T	15D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	349.1	208.8	256.0	136.4	391	NORWALKST2	7D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	349.2	206.9	256.0	136.4	152	1880LINE	19D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	349.2	206.9	256.0	136.4	391	NORWLKHAR4T	19D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	348.9	217.7	256.0	136.3	295	1880-1890DCT	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	349.0	207.0	256.0	136.3	156	1880LINE	15D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	349.0	207.0	256.0	136.3	395	NORWLKHAR4T	15D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	348.3	217.2	256.0	136.1	291	1880-1890DCT	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	346.4	204.7	256.0	135.3	366	GLENBROOK3T	3D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	346.1	215.1	256.0	135.2	291	1880-1890DCT	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	346.2	206.9	256.0	135.2	387	NORWALKST2	19D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	345.7	207.0	256.0	135.1	391	NORWALKST2	15D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	345.8	222.0	256.0	135.1	245	1130-1430DCT	22D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	345.4	204.7	256.0	134.9	152	1880LINE	3D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	345.4	204.7	256.0	134.9	391	NORWLKHAR4T	3D (ESC)	FIX	Recond	0	ON		

List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

	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	344.6	219.5	256.0	134.6	245	1130-1430DCT	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	344.6	213.6	256.0	134.6	291	1880-1890DCT	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	343.7	217.7	256.0	134.3	245	1130-1430DCT	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	343.5	203.0	256.0	134.2	366	GLENBROOK3T	11D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	343.6	217.2	256.0	134.2	241	1130-1430DCT	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	343.0	222.0	256.0	134.0	260	1416-1890DCT	22D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	342.8	215.1	256.0	133.9	241	1130-1430DCT	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	342.5	213.6	256.0	133.8	241	1130-1430DCT	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	342.5	203.0	256.0	133.8	152	1880LINE	11D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	342.5	203.0	256.0	133.8	391	NORWLKHAR4T	11D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	342.2	211.0	256.0	133.7	295	1880-1890DCT	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	341.9	204.7	256.0	133.6	387	NORWALKST2	3D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	341.8	219.5	256.0	133.5	260	1416-1890DCT	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	341.2	211.0	256.0	133.3	245	1130-1430DCT	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	341.0	217.7	256.0	133.2	260	1416-1890DCT	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	340.8	217.2	256.0	133.1	256	1416-1890DCT	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	340.2	215.1	256.0	132.9	256	1416-1890DCT	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	340.3	208.8	256.0	132.9	245	1130-1430DCT	7D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	340.1	208.8	256.0	132.9	295	1880-1890DCT	7D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	339.9	206.9	256.0	132.8	241	1130-1430DCT	19D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	339.8	213.6	256.0	132.7	256	1416-1890DCT	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	339.6	207.0	256.0	132.7	245	1130-1430DCT	15D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	339.0	204.7	256.0	132.4	241	1130-1430DCT	3D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	338.6	203.0	256.0	132.3	387	NORWALKST2	11D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	338.6	211.0	256.0	132.3	260	1416-1890DCT	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	338.4	203.0	256.0	132.2	241	1130-1430DCT	11D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	338.5	207.0	256.0	132.2	295	1880-1890DCT	15D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	338.4	206.9	256.0	132.2	291	1880-1890DCT	19D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	337.7	208.8	256.0	131.9	260	1416-1890DCT	7D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	337.3	206.9	256.0	131.8	256	1416-1890DCT	19D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	337.0	207.0	256.0	131.7	260	1416-1890DCT	15D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	336.4	204.7	256.0	131.4	256	1416-1890DCT	3D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	336.3	204.7	256.0	131.4	291	1880-1890DCT	3D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	335.9	203.0	256.0	131.2	256	1416-1890DCT	11D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	334.6	203.0	256.0	130.7	291	1880-1890DCT	11D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	319.4	222.0	256.0	124.7	297	1890-1977DCT	22D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	318.2	219.5	256.0	124.3	297	1890-1977DCT	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	317.4	217.7	256.0	124.0	297	1890-1977DCT	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	317.3	217.2	256.0	123.9	293	1890-1977DCT	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	316.5	215.1	256.0	123.7	293	1890-1977DCT	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	316.2	213.6	256.0	123.5	293	1890-1977DCT	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	315.1	211.0	256.0	123.1	297	1890-1977DCT	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	314.2	208.8	256.0	122.7	297	1890-1977DCT	7D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	313.8	206.9	256.0	122.6	293	1890-1977DCT	19D (ESC)	FIX	Recond	-700	ON		

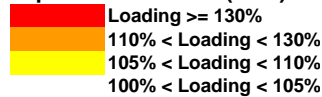
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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	313.5	207.0	256.0	122.5	297	1890-1977DCT	15D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	312.9	204.7	256.0	122.2	293	1890-1977DCT	3D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	312.4	203.0	256.0	122.0	293	1890-1977DCT	11D (ESC)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	295.5	222.0	256.0	115.4	199	91001LINE	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	293.5	219.5	256.0	114.6	199	91001LINE	6D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	292.0	217.7	256.0	114.1	199	91001LINE	14D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	291.9	217.2	256.0	114.0	195	91001LINE	18D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	290.2	215.1	256.0	113.4	195	91001LINE	2D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	289.1	213.6	256.0	112.9	195	91001LINE	10D (ESC)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	287.2	211.0	256.0	112.2	199	91001LINE	23D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	285.4	208.8	256.0	111.5	199	91001LINE	7D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	284.4	206.9	256.0	111.1	195	91001LINE	19D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	284.0	207.0	256.0	111.0	199	91001LINE	15D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	282.6	204.7	256.0	110.4	195	91001LINE	3D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	281.2	203.0	256.0	109.9	195	91001LINE	11D (ESC)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	277.5	222.0	256.0	108.4	394	NORWLKHAR3T	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	275.2	222.0	256.0	107.5	28	1130LINE	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	274.7	222.0	256.0	107.3	327	ASHCREKBKR	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	273.7	219.5	256.0	106.9	394	NORWLKHAR3T	6D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	273.2	219.5	256.0	106.7	28	1130LINE	6D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	273.0	222.0	256.0	106.7	399	PEQUONI2TSTK	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	272.9	219.5	256.0	106.6	327	ASHCREKBKR	6D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	271.6	217.7	256.0	106.1	28	1130LINE	14D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	271.6	217.7	256.0	106.1	327	ASHCREKBKR	14D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	271.3	217.2	256.0	106.0	24	1130LINE	18D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	271.2	217.2	256.0	105.9	323	ASHCREKBKR	18D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	270.8	219.5	256.0	105.8	399	PEQUONI2TSTK	6D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	270.7	217.7	256.0	105.8	394	NORWLKHAR3T	14D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	270.3	217.2	256.0	105.6	390	NORWLKHAR3T	18D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	269.8	222.0	256.0	105.4	59	1430LINE	22D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	269.6	215.1	256.0	105.3	24	1130LINE	2D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	269.7	215.1	256.0	105.3	323	ASHCREKBKR	2D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	269.1	217.7	256.0	105.1	399	PEQUONI2TSTK	14D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	268.7	213.6	256.0	105.0	323	ASHCREKBKR	10D (ESC)	fix	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	268.6	217.2	256.0	104.9	395	PEQUONI2TSTK	18D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	268.4	213.6	256.0	104.8	24	1130LINE	10D (ESC)	FIX	Recond	700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	267.9	219.5	256.0	104.6	59	1430LINE	6D (ESC)	FIX	Recond	0	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	266.6	215.1	256.0	104.2	395	PEQUONI2TSTK	2D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	266.7	211.0	256.0	104.2	327	ASHCREKBKR	23D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	266.5	215.1	256.0	104.1	390	NORWLKHAR3T	2D (ESC)	FIX	Recond	0	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	266.5	217.7	256.0	104.1	59	1430LINE	14D (ESC)	fix	Recond	700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	266.2	217.2	256.0	104.0	55	1430LINE	18D (ESC)	FIX	Recond	-700	ON
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	266.3	211.0	256.0	104.0	28	1130LINE	23D (ESC)	FIX	Recond	-700	OFF
73207	FLAX HIL 115 73271	RYTN J B 115 1	LN	265.8	222.0	256.0	103.8	29	1130+1416LNS	22D (ESC)	FIX	Recond	-700	OFF

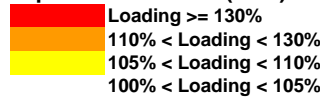
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	222.0	222.0	214.0	103.7				** Base Case **	22D (ESC)	FIX	Recond	-700	OFF
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	265.2	208.8	256.0	103.6	327	ASHCREKBKR	7D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	265.1	213.6	256.0	103.6	395	PEQUON12STK	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.7	215.1	256.0	103.4	55	1430LINE	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.6	222.0	256.0	103.4	409	SASCOCR1T	22D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.5	208.8	256.0	103.3	28	1130LINE	7D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.2	222.0	256.0	103.2	371	GLENBROOK8T	22D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	263.8	219.5	256.0	103.1	29	1130+1416LNS	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.0	207.0	256.0	103.1	327	ASHCREKBKR	15D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	263.9	206.9	256.0	103.1	323	ASHCREKBKR	19D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.0	222.0	256.0	103.1	158	1890LINE	22D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	264.0	222.0	256.0	103.1	392	NORWLKHAR1T	22D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	263.7	213.6	256.0	103.0	55	1430LINE	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	263.6	213.6	256.0	103.0	390	NORWLKHAR3T	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	263.7	222.0	256.0	103.0	58	1416LINE	22D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	263.1	207.0	256.0	102.8	28	1130LINE	15D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	263.1	206.9	256.0	102.8	24	1130LINE	19D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	262.8	219.5	256.0	102.7	409	SASCOCR1T	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	219.5	219.5	214.0	102.6		** Base Case **	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	262.7	211.0	256.0	102.6	399	PEQUON12STK	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	262.3	204.7	256.0	102.5	323	ASHCREKBKR	3D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	262.3	219.5	256.0	102.5	371	GLENBROOK8T	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	262.3	217.7	256.0	102.5	29	1130+1416LNS	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	262.1	219.5	256.0	102.4	158	1890LINE	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	262.1	219.5	256.0	102.4	392	NORWLKHAR1T	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	261.9	217.2	256.0	102.3	25	1130+1416LNS	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	261.9	211.0	256.0	102.3	59	1430LINE	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	261.7	219.5	256.0	102.2	58	1416LINE	6D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	261.5	217.7	256.0	102.2	409	SASCOCR1T	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	261.3	204.7	256.0	102.1	24	1130LINE	3D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	261.2	203.0	256.0	102.0	323	ASHCREKBKR	11D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	261.0	217.7	256.0	102.0	371	GLENBROOK8T	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	261.1	217.2	256.0	102.0	405	SASCOCR1T	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	260.8	208.8	256.0	101.9	399	PEQUON12STK	7D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	260.8	217.7	256.0	101.9	158	1890LINE	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	260.8	217.7	256.0	101.9	392	NORWLKHAR1T	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	260.6	217.2	256.0	101.8	367	GLENBROOK8T	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	260.3	215.1	256.0	101.7	25	1130+1416LNS	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	217.7	217.7	214.0	101.7		** Base Case **	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	260.2	217.7	256.0	101.7	58	1416LINE	14D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	260.4	217.2	256.0	101.7	154	1890LINE	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	260.4	217.2	256.0	101.7	388	NORWLKHAR1T	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	260.2	208.8	256.0	101.6	59	1430LINE	7D (ESC)	FIX	Recond	0	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	259.9	203.0	256.0	101.5	24	1130LINE	11D (ESC)	FIX	Recond	700	ON		

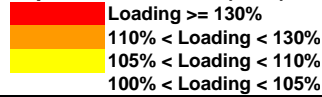
List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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	217.2	217.2	214.0	101.5				** Base Case **	18D (ESC)	FIX	Recond	-700	ON
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	259.8	217.2	256.0	101.5	54	1416LINE	18D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	259.9	211.0	256.0	101.5	394	NORWLKHAR3T	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	259.7	215.1	256.0	101.4	405	SASCOCR1T	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	259.2	207.0	256.0	101.3	399	PEQUON12TSTK	15D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	259.0	215.1	256.0	101.2	154	1890LINE	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	259.2	215.1	256.0	101.2	367	GLENBROOK8T	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	259.0	215.1	256.0	101.2	388	NORWLKHAR1T	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	259.1	213.6	256.0	101.2	25	1130+1416LNS	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	259.0	207.0	256.0	101.2	59	1430LINE	15D (ESC)	fix	Recond	700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	259.0	206.9	256.0	101.2	55	1430LINE	19D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	258.7	213.6	256.0	101.1	405	SASCOCR1T	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	258.8	206.9	256.0	101.1	395	PEQUON12TSTK	19D (ESC)	FIX	Recond	-700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	258.2	215.1	256.0	100.9	54	1416LINE	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	258.0	213.6	256.0	100.8	154	1890LINE	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	258.2	213.6	256.0	100.8	367	GLENBROOK8T	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	258.0	213.6	256.0	100.8	388	NORWLKHAR1T	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	215.1	215.1	214.0	100.5		** Base Case **	2D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	257.4	204.7	256.0	100.5	55	1430LINE	3D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	257.0	213.6	256.0	100.4	54	1416LINE	10D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	257.0	211.0	256.0	100.4	29	1130+1416LNS	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	256.8	204.7	256.0	100.3	395	PEQUON12TSTK	3D (ESC)	FIX	Recond	0	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	256.8	211.0	256.0	100.3	409	SASCOCR1T	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	256.2	203.0	256.0	100.1	55	1430LINE	11D (ESC)	FIX	Recond	700	ON		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	256.1	211.0	256.0	100.1	158	1890LINE	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	256.3	211.0	256.0	100.1	371	GLENBROOK8T	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	256.1	211.0	256.0	100.1	392	NORWLKHAR1T	23D (ESC)	FIX	Recond	-700	OFF		
73207 FLAX HIL 115 73271 RYTN J B 115 1	LN	256.1	208.8	256.0	100.0	394	NORWLKHAR3T	7D (ESC)	FIX	Recond	0	OFF		
73224 TRMB J A 115 73700 PEQUONIC 115 1	LN	233.1	58.4	231.0	100.9	342	DEVON2TSTK	12D (ESC)	FIX	Recond	700	ON		
73224 TRMB J A 115 73700 PEQUONIC 115 1	LN	231.8	58.1	231.0	100.4	342	DEVON2TSTK	4D (ESC)	FIX	Recond	0	ON		
73227 E.MERIDN 115 73230 HADDAM 115 1	LN	197.8	112.0	193.0	102.5	465	SGTN7TSTK	17D (ESC)	fix	Recond	700	OFF		
73227 E.MERIDN 115 73230 HADDAM 115 1	LN	196.6	111.1	193.0	101.9	465	SGTN7TSTK	14D (ESC)	fix	Recond	700	OFF		
73227 E.MERIDN 115 73230 HADDAM 115 1	LN	195.6	108.0	193.0	101.4	465	SGTN7TSTK	9D (ESC)	FIX	Recond	0	OFF		
73227 E.MERIDN 115 73230 HADDAM 115 1	LN	194.4	106.9	193.0	100.8	465	SGTN7TSTK	6D (ESC)	FIX	Recond	0	OFF		
73227 E.MERIDN 115 73230 HADDAM 115 1	LN	193.9	103.7	193.0	100.5	465	SGTN7TSTK	25D (ESC)	FIX	Recond	-700	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	150.7	64.8	112.0	134.6	465	SGTN7TSTK	17D (ESC)	fix	Recond	700	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	149.7	63.3	112.0	133.7	465	SGTN7TSTK	14D (ESC)	fix	Recond	700	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	148.8	60.4	112.0	132.8	465	SGTN7TSTK	9D (ESC)	fix	Recond	0	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	147.9	59.4	112.0	132.0	465	SGTN7TSTK	6D (ESC)	FIX	Recond	0	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	147.2	56.0	112.0	131.4	465	SGTN7TSTK	25D (ESC)	FIX	Recond	-700	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	146.3	54.9	112.0	130.6	465	SGTN7TSTK	22D (ESC)	FIX	Recond	-700	OFF		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	141.4	62.4	112.0	126.2	461	SGTN7TSTK	13D (ESC)	FIX	Recond	700	ON		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	140.7	61.4	112.0	125.6	461	SGTN7TSTK	10D (ESC)	FIX	Recond	700	ON		
73227 E.MERIDN 115 73633 NO.WALLF 115 1	LN	140.0	58.6	112.0	125.0	461	SGTN7TSTK	5D (ESC)	FIX	Recond	0	ON		

List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)



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
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	138.9	57.5	112.0	124.0	461	SGTN7TSTK	2D (ESC)	FIX	Recond	0	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	138.2	54.2	112.0	123.4	461	SGTN7TSTK	21D (ESC)	FIX	Recond	-700	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	137.2	53.0	112.0	122.5	461	SGTN7TSTK	18D (ESC)	FIX	Recond	-700	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	128.1	64.8	112.0	114.4	205	318LINE	17D (ESC)	fix	Recond	700	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	127.4	64.8	112.0	113.8	461	SGTN3TSTK	17D (ESC)	fix	Recond	700	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	125.7	63.3	112.0	112.2	205	318LINE	14D (ESC)	fix	Recond	700	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	125.0	63.3	112.0	111.6	461	SGTN3TSTK	14D (ESC)	fix	Recond	700	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	124.2	51.7	112.0	110.9	465	SGTN7TSTK	15D (ESC)	fix	Recond	700	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	123.7	62.4	112.0	110.5	201	318LINE	13D (ESC)	FIX	Recond	700	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	123.0	62.4	112.0	109.8	457	SGTN3TSTK	13D (ESC)	FIX	Recond	700	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	122.7	48.0	112.0	109.5	465	SGTN7TSTK	7D (ESC)	FIX	Recond	0	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	121.8	61.4	112.0	108.7	201	318LINE	10D (ESC)	FIX	Recond	700	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	121.1	61.4	112.0	108.1	457	SGTN3TSTK	10D (ESC)	FIX	Recond	700	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	121.1	43.5	112.0	108.1	465	SGTN7TSTK	23D (ESC)	FIX	Recond	-700	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	119.5	60.4	112.0	106.7	205	318LINE	9D (ESC)	FIX	Recond	0	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	118.9	60.4	112.0	106.2	461	SGTN3TSTK	9D (ESC)	FIX	Recond	0	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	117.6	59.4	112.0	105.0	205	318LINE	6D (ESC)	FIX	Recond	0	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	116.9	59.4	112.0	104.4	461	SGTN3TSTK	6D (ESC)	FIX	Recond	0	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	116.8	48.3	112.0	104.3	465	SGTN7TSTK	16D (ESC)	fix	Recond	700	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	116.1	58.6	112.0	103.7	201	318LINE	5D (ESC)	FIX	Recond	0	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	115.4	58.6	112.0	103.0	457	SGTN3TSTK	5D (ESC)	FIX	Recond	0	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	115.4	49.9	112.0	103.0	461	SGTN7TSTK	11D (ESC)	FIX	Recond	700	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	115.2	44.5	112.0	102.9	465	SGTN7TSTK	8D (ESC)	FIX	Recond	0	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	113.9	46.2	112.0	101.7	461	SGTN7TSTK	3D (ESC)	FIX	Recond	0	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	113.8	57.5	112.0	101.6	201	318LINE	2D (ESC)	FIX	Recond	0	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	113.7	64.8	112.0	101.5	462	SGTN4TSTK	17D (ESC)	fix	Recond	700	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	113.6	40.1	112.0	101.5	465	SGTN7TSTK	24D (ESC)	FIX	Recond	-700	OFF
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	113.1	57.5	112.0	101.0	457	SGTN3TSTK	2D (ESC)	FIX	Recond	0	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	112.3	41.7	112.0	100.3	461	SGTN7TSTK	19D (ESC)	FIX	Recond	-700	ON
73227 E.MERIDN	115 73633 NO.WALLF	115 1	LN	112.2	63.3	112.0	100.2	462	SGTN4TSTK	14D (ESC)	fix	Recond	700	OFF
73228 BALDWNJB	115 73185 BUNKER H	115 1	LN	169.6	107.3	165.0	102.8	485	1460-387DCT_ESA_config	14D (ESC)	fix	Recond	700	OFF
73228 BALDWNJB	115 73185 BUNKER H	115 1	LN	168.8	108.3	165.0	102.3	485	1460-387DCT_ESA_config	17D (ESC)	fix	Recond	700	OFF
73228 BALDWNJB	115 73185 BUNKER H	115 1	LN	167.2	107.3	165.0	101.3	484	387LINE_ESA_config	14D (ESC)	fix	Recond	700	OFF
73228 BALDWNJB	115 73185 BUNKER H	115 1	LN	167.0	108.3	165.0	101.2	484	387LINE_ESA_config	17D (ESC)	fix	Recond	700	OFF
73228 BALDWNJB	115 73185 BUNKER H	115 1	LN	165.0	107.3	165.0	100.0	299	1460-387DCT	14D (ESC)	fix	Recond	700	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	207.8	117.4	165.0	126.0	92	1620SLINE	17D (ESC)	fix	Recond	700	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	207.7	117.3	165.0	125.9	92	1620SLINE	14D (ESC)	fix	Recond	700	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	201.4	113.8	165.0	122.1	92	1620SLINE	6D (ESC)	FIX	Recond	0	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	201.5	113.8	165.0	122.1	92	1620SLINE	9D (ESC)	FIX	Recond	0	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	194.2	109.7	165.0	117.7	92	1620SLINE	22D (ESC)	FIX	Recond	-700	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	194.3	109.7	165.0	117.7	92	1620SLINE	25D (ESC)	FIX	Recond	-700	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	185.9	105.0	165.0	112.7	88	1620SLINE	10D (ESC)	FIX	Recond	700	ON
73230 HADDAM	115 73231 BOKUM	115 1	LN	186.0	105.1	165.0	112.7	88	1620SLINE	13D (ESC)	FIX	Recond	700	ON
73230 HADDAM	115 73231 BOKUM	115 1	LN	179.8	101.5	165.0	109.0	88	1620SLINE	5D (ESC)	FIX	Recond	0	ON

List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

	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
73230 HADDAM	115 73231 BOKUM	115 1	LN	179.6	101.5	165.0	108.9	88	1620SLINE	2D (ESC)	FIX	Recond	0	ON
73230 HADDAM	115 73231 BOKUM	115 1	LN	175.2	117.3	165.0	106.2	484	387LINE_ESA_config	14D (ESC)	fix	Recond	700	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	174.3	117.4	165.0	105.6	484	387LINE_ESA_config	17D (ESC)	fix	Recond	700	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	172.5	97.4	165.0	104.5	88	1620SLINE	21D (ESC)	FIX	Recond	-700	ON
73230 HADDAM	115 73231 BOKUM	115 1	LN	172.2	97.3	165.0	104.4	88	1620SLINE	18D (ESC)	FIX	Recond	-700	ON
73230 HADDAM	115 73231 BOKUM	115 1	LN	169.9	117.3	165.0	103.0	228	387LINE	14D (ESC)	fix	Recond	700	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	169.9	96.0	165.0	103.0	92	1620SLINE	15D (ESC)	fix	Recond	700	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	168.6	117.4	165.0	102.2	228	387LINE	17D (ESC)	fix	Recond	700	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	168.0	117.3	165.0	101.8	486	SCOVK5STK_ESA_config	14D (ESC)	fix	Recond	700	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	167.5	113.8	165.0	101.5	484	387LINE_ESA_config	6D (ESC)	FIX	Recond	0	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	167.0	117.4	165.0	101.2	486	SCOVK5STK_ESA_config	17D (ESC)	fix	Recond	700	OFF
73230 HADDAM	115 73231 BOKUM	115 1	LN	166.2	113.8	165.0	100.7	484	387LINE_ESA_config	9D (ESC)	FIX	Recond	0	OFF
73230 HADDAM	115 73231 BOKUM	115 2	LN	209.1	120.4	191.0	109.5	43	1261LINE	17D (ESC)	fix	Recond	700	OFF
73230 HADDAM	115 73231 BOKUM	115 2	LN	209.0	120.3	191.0	109.4	43	1261LINE	14D (ESC)	fix	Recond	700	OFF
73230 HADDAM	115 73231 BOKUM	115 2	LN	202.8	116.7	191.0	106.2	43	1261LINE	9D (ESC)	FIX	Recond	0	OFF
73230 HADDAM	115 73231 BOKUM	115 2	LN	202.7	116.7	191.0	106.1	43	1261LINE	6D (ESC)	FIX	Recond	0	OFF
73230 HADDAM	115 73231 BOKUM	115 2	LN	195.4	112.5	191.0	102.3	43	1261LINE	22D (ESC)	FIX	Recond	-700	OFF
73230 HADDAM	115 73231 BOKUM	115 2	LN	195.5	112.5	191.0	102.3	43	1261LINE	25D (ESC)	FIX	Recond	-700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	301.4	22.4	134.0	224.9	429	TRIANGLE2T	22D (ESC)	FIX	Recond	-700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	301.2	22.4	134.0	224.8	429	TRIANGLE2T	15D (ESC)	fix	Recond	700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	301.0	22.4	134.0	224.7	429	TRIANGLE2T	6D (ESC)	FIX	Recond	0	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	300.9	22.4	134.0	224.6	429	TRIANGLE2T	9D (ESC)	FIX	Recond	0	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	300.9	22.4	134.0	224.5	429	TRIANGLE2T	14D (ESC)	fix	Recond	700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	300.9	22.4	134.0	224.5	429	TRIANGLE2T	17D (ESC)	fix	Recond	700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	300.9	22.4	134.0	224.5	429	TRIANGLE2T	25D (ESC)	FIX	Recond	-700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	297.7	22.4	134.0	222.2	425	TRIANGLE2T	18D (ESC)	FIX	Recond	-700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	297.6	22.4	134.0	222.1	425	TRIANGLE2T	2D (ESC)	FIX	Recond	0	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	297.6	22.4	134.0	222.1	425	TRIANGLE2T	10D (ESC)	FIX	Recond	700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	297.2	22.4	134.0	221.8	425	TRIANGLE2T	13D (ESC)	FIX	Recond	700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	297.0	22.4	134.0	221.7	425	TRIANGLE2T	5D (ESC)	FIX	Recond	0	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	297.1	22.4	134.0	221.7	425	TRIANGLE2T	21D (ESC)	FIX	Recond	-700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	296.9	22.4	134.0	221.6	429	TRIANGLE2T	23D (ESC)	FIX	Recond	-700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	296.8	22.4	134.0	221.5	429	TRIANGLE2T	7D (ESC)	FIX	Recond	0	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	296.9	22.4	134.0	221.5	425	TRIANGLE2T	12D (ESC)	FIX	Recond	700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	296.8	22.4	134.0	221.5	429	TRIANGLE2T	16D (ESC)	fix	Recond	700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	296.6	22.4	134.0	221.4	425	TRIANGLE2T	3D (ESC)	FIX	Recond	0	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	296.6	22.4	134.0	221.4	425	TRIANGLE2T	11D (ESC)	FIX	Recond	700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	296.7	22.4	134.0	221.4	425	TRIANGLE2T	19D (ESC)	FIX	Recond	-700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	296.6	22.4	134.0	221.3	429	TRIANGLE2T	8D (ESC)	FIX	Recond	0	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	296.5	22.4	134.0	221.3	425	TRIANGLE2T	20D (ESC)	FIX	Recond	-700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	296.4	22.4	134.0	221.2	429	TRIANGLE2T	24D (ESC)	FIX	Recond	-700	OFF
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	207.4	22.4	134.0	154.8	425	TRIANGLE2T	4D (ESC)	FIX	Recond	0	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	148.7	22.4	134.0	111.0	234	1060-1165DCT	12D (ESC)	FIX	Recond	700	ON
73268 MDDLDRIV	115 73176 TRIANGLE	115 1	LN	148.7	22.4	134.0	111.0	238	1060-1165DCT	15D (ESC)	fix	Recond	700	OFF

List of Overloads: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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	Base	Rating	Loading	Ncon	Contingency	Dispatch	Controls	387	NE-NY	NHHS
				MVA	Flow		%					Line		
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.7	22.4	134.0	111.0	238	1060-1165DCT	16D (ESC)	fix	Recond	700	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.6	22.4	134.0	110.9	234	1060-1165DCT	3D (ESC)	FIX	Recond	0	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.6	22.4	134.0	110.9	238	1060-1165DCT	7D (ESC)	FIX	Recond	0	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.6	22.4	134.0	110.9	238	1060-1165DCT	8D (ESC)	FIX	Recond	0	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.6	22.4	134.0	110.9	234	1060-1165DCT	11D (ESC)	FIX	Recond	700	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.6	22.4	134.0	110.9	234	1060-1165DCT	19D (ESC)	FIX	Recond	-700	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.6	22.4	134.0	110.9	238	1060-1165DCT	23D (ESC)	FIX	Recond	-700	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.5	22.4	134.0	110.8	234	1060-1165DCT	2D (ESC)	FIX	Recond	0	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.5	22.4	134.0	110.8	234	1060-1165DCT	4D (ESC)	FIX	Recond	0	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.5	22.4	134.0	110.8	234	1060-1165DCT	10D (ESC)	FIX	Recond	700	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.4	22.4	134.0	110.8	234	1060-1165DCT	18D (ESC)	FIX	Recond	-700	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.4	22.4	134.0	110.8	238	1060-1165DCT	24D (ESC)	FIX	Recond	-700	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.4	22.4	134.0	110.7	234	1060-1165DCT	13D (ESC)	FIX	Recond	700	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.3	22.4	134.0	110.7	238	1060-1165DCT	22D (ESC)	FIX	Recond	-700	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.2	22.4	134.0	110.6	234	1060-1165DCT	5D (ESC)	FIX	Recond	0	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.3	22.4	134.0	110.6	234	1060-1165DCT	20D (ESC)	FIX	Recond	-700	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.1	22.4	134.0	110.6	234	1060-1165DCT	21D (ESC)	FIX	Recond	-700	ON
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.1	22.4	134.0	110.5	238	1060-1165DCT	6D (ESC)	FIX	Recond	0	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.0	22.4	134.0	110.5	238	1060-1165DCT	9D (ESC)	FIX	Recond	0	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.0	22.4	134.0	110.5	238	1060-1165DCT	14D (ESC)	fix	Recond	700	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.0	22.4	134.0	110.5	238	1060-1165DCT	17D (ESC)	fix	Recond	700	OFF
73268	MIDDLRIV 115 73176	TRIANGLE 115 1	LN	148.0	22.4	134.0	110.4	238	1060-1165DCT	25D (ESC)	FIX	Recond	-700	OFF
73317	NORSING2 345 73315	SINGNOR2 345 1	LN	845.9	473.7	794.0	106.5	462	NORSING1	11D (ESC)	FIX	Recond	700	ON
73317	NORSING2 345 73315	SINGNOR2 345 1	LN	832.7	473.7	794.0	104.9	464	SINGERSTK	11D (ESC)	FIX	Recond	700	ON
73701	CRRA JCT 115 73703	ASHCREEK 115 1	LN	440.2	279.6	439.0	100.3	252	1389-1880DCT	3D (ESC)	FIX	Recond	0	ON
73701	CRRA JCT 115 73703	ASHCREEK 115 1	LN	440.3	281.7	439.0	100.3	252	1389-1880DCT	11D (ESC)	FIX	Recond	700	ON
73701	CRRA JCT 115 73703	ASHCREEK 115 1	LN	440.2	277.0	439.0	100.3	252	1389-1880DCT	19D (ESC)	FIX	Recond	-700	ON
75053	NRTHPT P 138 75051	NRTHPT1 138 1	TR	480.7	201.5	450.0	106.8	452	LONGMT5TSTK	25D (ESC)	FIX	Recond	-700	OFF
75053	NRTHPT P 138 75051	NRTHPT1 138 1	TR	459.2	201.7	450.0	102.0	448	LONGMT5TSTK	21D (ESC)	FIX	Recond	-700	ON

Appendix F

Summary of Voltage Violations

- Keys to Tables
- Table: List of Voltage Violations

SWCT Generation Dispatch ID	Case or "Dispatch" Identifier, ESC 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	2D	6D	10D	14D	18D	22D
3	3D	7D	11D	15D	19D	23D
4	4D	8D	12D	16D	20D	24D
5	5D	9D	13D	17D	21D	25D

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	<p>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”)</p> <p>Since voltage rise and voltage drop are not used as criteria in this study, the only possible values are “L” and “H”.</p>
Dispatch	The ID used to identify the generation dispatch, as explained in the report.

Voltage Violations, Worst & Total: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

Lo Violation > 3%
 1% < Lo Violation < 3%
 0.5% < Lo Violation < 1%
 Lo Violation < 0.5%

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	BALDWINE	115.0	701	171	2	0.036	252	1272-1721DCT	-	-		9D (ESC)	FIX	Recond	0	OFF
73160	BALDWINE	115.0	701	171	2	0.036	252	1272-1721DCT	-	-		17D (ESC)	fix	Recond	700	OFF
73160	BALDWINE	115.0	701	171	2	0.035	252	1272-1721DCT	-	-		25D (ESC)	FIX	Recond	-700	OFF
73160	BALDWINE	115.0	701	171	2	0.034	248	1272-1721DCT	-	-		13D (ESC)	FIX	Recond	700	ON
73160	BALDWINE	115.0	701	171	2	0.033	248	1272-1721DCT	-	-		5D (ESC)	FIX	Recond	0	ON
73160	BALDWINE	115.0	701	171	2	0.032	248	1272-1721DCT	-	-		21D (ESC)	FIX	Recond	-700	ON
73160	BALDWINE	115.0	701	171	1	0.025	252	1272-1721DCT	-	-		14D (ESC)	fix	Recond	700	OFF
73160	BALDWINE	115.0	701	171	1	0.024	252	1272-1721DCT	-	-		6D (ESC)	FIX	Recond	0	OFF
73160	BALDWINE	115.0	701	171	1	0.024	252	1272-1721DCT	-	-		22D (ESC)	FIX	Recond	-700	OFF
73160	BALDWINE	115.0	701	171	1	0.021	248	1272-1721DCT	-	-		10D (ESC)	FIX	Recond	700	ON
73160	BALDWINE	115.0	701	171	1	0.020	248	1272-1721DCT	-	-		2D (ESC)	FIX	Recond	0	ON
73160	BALDWINE	115.0	701	171	1	0.020	248	1272-1721DCT	-	-		18D (ESC)	FIX	Recond	-700	ON
73160	BALDWINE	115.0	701	171	1	0.016	252	1272-1721DCT	-	-		8D (ESC)	FIX	Recond	0	OFF
73160	BALDWINE	115.0	701	171	1	0.016	248	1272-1721DCT	-	-		12D (ESC)	FIX	Recond	700	ON
73160	BALDWINE	115.0	701	171	1	0.016	252	1272-1721DCT	-	-		16D (ESC)	fix	Recond	700	OFF
73160	BALDWINE	115.0	701	171	1	0.015	248	1272-1721DCT	-	-		3D (ESC)	FIX	Recond	0	ON
73160	BALDWINE	115.0	701	171	1	0.015	248	1272-1721DCT	-	-		4D (ESC)	FIX	Recond	0	ON
73160	BALDWINE	115.0	701	171	1	0.015	252	1272-1721DCT	-	-		7D (ESC)	FIX	Recond	0	OFF
73160	BALDWINE	115.0	701	171	1	0.015	248	1272-1721DCT	-	-		11D (ESC)	FIX	Recond	700	ON
73160	BALDWINE	115.0	701	171	1	0.015	252	1272-1721DCT	-	-		15D (ESC)	fix	Recond	700	OFF
73160	BALDWINE	115.0	701	171	1	0.015	248	1272-1721DCT	-	-		20D (ESC)	FIX	Recond	-700	ON
73160	BALDWINE	115.0	701	171	1	0.015	252	1272-1721DCT	-	-		23D (ESC)	FIX	Recond	-700	OFF
73160	BALDWINE	115.0	701	171	1	0.015	252	1272-1721DCT	-	-		24D (ESC)	FIX	Recond	-700	OFF
73160	BALDWINE	115.0	701	171	1	0.014	248	1272-1721DCT	-	-		19D (ESC)	FIX	Recond	-700	ON
73188	BCNFL PF	115.0	701	171	1	0.007	252	1272-1721DCT	-	-		9D (ESC)	FIX	Recond	0	OFF
73188	BCNFL PF	115.0	701	171	1	0.007	252	1272-1721DCT	-	-		17D (ESC)	fix	Recond	700	OFF
73188	BCNFL PF	115.0	701	171	1	0.006	252	1272-1721DCT	-	-		25D (ESC)	FIX	Recond	-700	OFF
73188	BCNFL PF	115.0	701	171	1	0.005	248	1272-1721DCT	-	-		13D (ESC)	FIX	Recond	700	ON
73188	BCNFL PF	115.0	701	171	1	0.004	248	1272-1721DCT	-	-		5D (ESC)	FIX	Recond	0	ON
73188	BCNFL PF	115.0	701	171	1	0.003	248	1272-1721DCT	-	-		21D (ESC)	FIX	Recond	-700	ON
73153	BRANFORD	115.0	701	171	2	-	-		0.005	333	BRANFORD4T	4D (ESC)	FIX	Recond	0	ON
73153	BRANFORD	115.0	701	171	2	-	-		0.005	333	BRANFORD4T	20D (ESC)	FIX	Recond	-700	ON
73153	BRANFORD	115.0	701	171	1	-	-		0.004	333	BRANFORD4T	3D (ESC)	FIX	Recond	0	ON
73153	BRANFORD	115.0	701	171	1	-	-		0.004	333	BRANFORD4T	12D (ESC)	FIX	Recond	700	ON
73153	BRANFORD	115.0	701	171	1	-	-		0.004	333	BRANFORD4T	19D (ESC)	FIX	Recond	-700	ON
73153	BRANFORD	115.0	701	171	1	-	-		0.004	337	BRANFORD4T	24D (ESC)	FIX	Recond	-700	OFF
73153	BRANFORD	115.0	701	171	1	-	-		0.003	337	BRANFORD4T	7D (ESC)	FIX	Recond	0	OFF
73153	BRANFORD	115.0	701	171	1	-	-		0.003	337	BRANFORD4T	8D (ESC)	FIX	Recond	0	OFF
73153	BRANFORD	115.0	701	171	1	-	-		0.003	333	BRANFORD4T	11D (ESC)	FIX	Recond	700	ON
73153	BRANFORD	115.0	701	171	1	-	-		0.003	337	BRANFORD4T	16D (ESC)	fix	Recond	700	OFF
73153	BRANFORD	115.0	701	171	1	-	-		0.003	337	BRANFORD4T	23D (ESC)	FIX	Recond	-700	OFF

Voltage Violations, Worst & Total: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

Lo Violation > 3%
 1% < Lo Violation < 3%
 0.5% < Lo Violation < 1%
 Lo Violation < 0.5%

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
73153	BRANFORD	115.0	701	171	1	-	-		0.002	337	BRANFORD4T	15D (ESC)	fix	Recond	700	OFF
73185	BUNKER H	115.0	701	171	2	0.036	252	1272-1721DCT	-	-		9D (ESC)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	2	0.036	252	1272-1721DCT	-	-		17D (ESC)	fix	Recond	700	OFF
73185	BUNKER H	115.0	701	171	2	0.035	252	1272-1721DCT	-	-		25D (ESC)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	2	0.034	248	1272-1721DCT	-	-		13D (ESC)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	2	0.033	248	1272-1721DCT	-	-		5D (ESC)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	1	0.032	248	1272-1721DCT	-	-		21D (ESC)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	1	0.024	252	1272-1721DCT	-	-		6D (ESC)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	1	0.024	252	1272-1721DCT	-	-		14D (ESC)	fix	Recond	700	OFF
73185	BUNKER H	115.0	701	171	1	0.024	252	1272-1721DCT	-	-		22D (ESC)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	1	0.020	248	1272-1721DCT	-	-		2D (ESC)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	1	0.020	248	1272-1721DCT	-	-		10D (ESC)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	1	0.020	248	1272-1721DCT	-	-		18D (ESC)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	1	0.016	252	1272-1721DCT	-	-		16D (ESC)	fix	Recond	700	OFF
73185	BUNKER H	115.0	701	171	1	0.015	248	1272-1721DCT	-	-		4D (ESC)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	1	0.015	252	1272-1721DCT	-	-		7D (ESC)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	1	0.015	252	1272-1721DCT	-	-		8D (ESC)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	1	0.015	248	1272-1721DCT	-	-		11D (ESC)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	1	0.015	248	1272-1721DCT	-	-		12D (ESC)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	1	0.015	252	1272-1721DCT	-	-		15D (ESC)	fix	Recond	700	OFF
73185	BUNKER H	115.0	701	171	1	0.015	252	1272-1721DCT	-	-		23D (ESC)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	1	0.015	252	1272-1721DCT	-	-		24D (ESC)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	1	0.014	248	1272-1721DCT	-	-		3D (ESC)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	1	0.014	248	1272-1721DCT	-	-		19D (ESC)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	1	0.014	248	1272-1721DCT	-	-		20D (ESC)	FIX	Recond	-700	ON
73668	E. SHORE	115.0	701	185	1	-	-		0.003	298	8100-8200DCT	24D (ESC)	FIX	Recond	-700	OFF
73668	E. SHORE	115.0	701	185	1	-	-		0.002	298	8100-8200DCT	8D (ESC)	FIX	Recond	0	OFF
73668	E. SHORE	115.0	701	185	1	-	-		0.001	294	8100-8200DCT	4D (ESC)	FIX	Recond	0	ON
73668	E. SHORE	115.0	701	185	1	-	-		0.001	298	8100-8200DCT	16D (ESC)	fix	Recond	700	OFF
73668	E. SHORE	115.0	701	185	1	-	-		0.001	294	8100-8200DCT	20D (ESC)	FIX	Recond	-700	ON
73682	ELMWST A	115.0	701	185	3	0.008	378	GRNDAV7TSTK	-	-		25D (ESC)	FIX	Recond	-700	OFF
73682	ELMWST A	115.0	701	185	2	0.006	378	GRNDAV7TSTK	-	-		17D (ESC)	fix	Recond	700	OFF
73682	ELMWST A	115.0	701	185	2	0.005	378	GRNDAV7TSTK	-	-		9D (ESC)	FIX	Recond	0	OFF
73682	ELMWST A	115.0	701	185	2	0.005	374	GRNDAV7TSTK	-	-		13D (ESC)	FIX	Recond	700	ON
73682	ELMWST A	115.0	701	185	3	0.003	374	GRNDAV7TSTK	-	-		5D (ESC)	FIX	Recond	0	ON
73683	ELMWST B	115.0	701	185	3	0.010	375	GRNDAV4TSTK	-	-		25D (ESC)	FIX	Recond	-700	OFF
73683	ELMWST B	115.0	701	185	3	0.008	375	GRNDAV4TSTK	-	-		17D (ESC)	fix	Recond	700	OFF
73683	ELMWST B	115.0	701	185	3	0.007	375	GRNDAV4TSTK	-	-		9D (ESC)	FIX	Recond	0	OFF
73683	ELMWST B	115.0	701	185	3	0.007	371	GRNDAV4TSTK	-	-		13D (ESC)	FIX	Recond	700	ON
73683	ELMWST B	115.0	701	185	3	0.005	371	GRNDAV4TSTK	-	-		5D (ESC)	FIX	Recond	0	ON
73683	ELMWST B	115.0	701	185	2	0.002	371	GRNDAV4TSTK	-	-		21D (ESC)	FIX	Recond	-700	ON

Voltage Violations, Worst & Total: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

Lo Violation > 3%
 1% < Lo Violation < 3%
 0.5% < Lo Violation < 1%
 Lo Violation < 0.5%

Sorted by bus, then low violation, then high violation

Bus #	Bus Name	KV	Area	Zone	#	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
73683	ELMWST B	115.0	701	185	2	0.001	375	GRNDAV4TSTK	-	-		14D (ESC)	fix	Recond	700	OFF
73189	FREIGHT	115.0	701	171	1	0.037	252	1272-1721DCT	-	-		9D (ESC)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	1	0.037	252	1272-1721DCT	-	-		17D (ESC)	fix	Recond	700	OFF
73189	FREIGHT	115.0	701	171	1	0.037	252	1272-1721DCT	-	-		25D (ESC)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	1	0.035	248	1272-1721DCT	-	-		13D (ESC)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	1	0.034	248	1272-1721DCT	-	-		5D (ESC)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	1	0.034	248	1272-1721DCT	-	-		21D (ESC)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	1	0.026	252	1272-1721DCT	-	-		14D (ESC)	fix	Recond	700	OFF
73189	FREIGHT	115.0	701	171	1	0.025	252	1272-1721DCT	-	-		6D (ESC)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	1	0.025	252	1272-1721DCT	-	-		22D (ESC)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	1	0.022	248	1272-1721DCT	-	-		2D (ESC)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	1	0.022	248	1272-1721DCT	-	-		10D (ESC)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	1	0.021	248	1272-1721DCT	-	-		18D (ESC)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	1	0.017	248	1272-1721DCT	-	-		4D (ESC)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	1	0.017	252	1272-1721DCT	-	-		8D (ESC)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	1	0.017	248	1272-1721DCT	-	-		12D (ESC)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	1	0.017	252	1272-1721DCT	-	-		15D (ESC)	fix	Recond	700	OFF
73189	FREIGHT	115.0	701	171	1	0.017	252	1272-1721DCT	-	-		16D (ESC)	fix	Recond	700	OFF
73189	FREIGHT	115.0	701	171	1	0.016	248	1272-1721DCT	-	-		3D (ESC)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	1	0.016	252	1272-1721DCT	-	-		7D (ESC)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	1	0.016	248	1272-1721DCT	-	-		11D (ESC)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	1	0.016	248	1272-1721DCT	-	-		19D (ESC)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	1	0.016	248	1272-1721DCT	-	-		20D (ESC)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	1	0.016	252	1272-1721DCT	-	-		23D (ESC)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	1	0.016	252	1272-1721DCT	-	-		24D (ESC)	FIX	Recond	-700	OFF
73671	NO.HAVEN	115.0	701	185	3	-	-		0.006	384	NOHAVN2TSTK	20D (ESC)	FIX	Recond	-700	ON
73671	NO.HAVEN	115.0	701	185	1	-	-		0.005	384	NOHAVN2TSTK	4D (ESC)	FIX	Recond	0	ON
73671	NO.HAVEN	115.0	701	185	1	-	-		0.005	384	NOHAVN2TSTK	12D (ESC)	FIX	Recond	700	ON
73671	NO.HAVEN	115.0	701	185	1	-	-		0.005	384	NOHAVN2TSTK	18D (ESC)	FIX	Recond	-700	ON
73671	NO.HAVEN	115.0	701	185	1	-	-		0.004	384	NOHAVN2TSTK	2D (ESC)	FIX	Recond	0	ON
73671	NO.HAVEN	115.0	701	185	1	-	-		0.004	384	NOHAVN2TSTK	3D (ESC)	FIX	Recond	0	ON
73671	NO.HAVEN	115.0	701	185	1	-	-		0.004	388	NOHAVN2TSTK	7D (ESC)	FIX	Recond	0	OFF
73671	NO.HAVEN	115.0	701	185	1	-	-		0.004	388	NOHAVN2TSTK	8D (ESC)	FIX	Recond	0	OFF
73671	NO.HAVEN	115.0	701	185	1	-	-		0.004	388	NOHAVN2TSTK	15D (ESC)	fix	Recond	700	OFF
73671	NO.HAVEN	115.0	701	185	1	-	-		0.004	388	NOHAVN2TSTK	16D (ESC)	fix	Recond	700	OFF
73671	NO.HAVEN	115.0	701	185	1	-	-		0.004	384	NOHAVN2TSTK	19D (ESC)	FIX	Recond	-700	ON
73671	NO.HAVEN	115.0	701	185	1	-	-		0.004	388	NOHAVN2TSTK	23D (ESC)	FIX	Recond	-700	OFF
73671	NO.HAVEN	115.0	701	185	1	-	-		0.004	388	NOHAVN2TSTK	24D (ESC)	FIX	Recond	-700	OFF
73671	NO.HAVEN	115.0	701	185	1	-	-		0.003	384	NOHAVN2TSTK	11D (ESC)	FIX	Recond	700	ON
73671	NO.HAVEN	115.0	701	185	1	-	-		0.002	384	NOHAVN2TSTK	10D (ESC)	FIX	Recond	700	ON
73671	NO.HAVEN	115.0	701	185	1	-	-		0.002	384	NOHAVN2TSTK	21D (ESC)	FIX	Recond	-700	ON

Voltage Violations, Worst & Total: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

Lo Violation > 3%
 1% < Lo Violation < 3%
 0.5% < Lo Violation < 1%
 Lo Violation < 0.5%

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
73671	NO.HAVEN	115.0	701	185	1	-	-		0.001	384	NOHAVN2TSTK	5D (ESC)	FIX	Recond	0	ON
73671	NO.HAVEN	115.0	701	185	1	-	-		0.001	388	NOHAVN2TSTK	22D (ESC)	FIX	Recond	-700	OFF
73671	NO.HAVEN	115.0	701	185	1	-	-		0.000	388	NOHAVN2TSTK	6D (ESC)	FIX	Recond	0	OFF
73672	SACKETT	115.0	701	185	2	-	-		0.002	177	84004LINE	20D (ESC)	FIX	Recond	-700	ON
73672	SACKETT	115.0	701	185	2	-	-		0.001	177	84004LINE	4D (ESC)	FIX	Recond	0	ON
73672	SACKETT	115.0	701	185	2	-	-		0.001	177	84004LINE	12D (ESC)	FIX	Recond	700	ON
73672	SACKETT	115.0	701	185	2	-	-		0.000	181	84004LINE	24D (ESC)	FIX	Recond	-700	OFF
73199	SO.NAUG	115.0	701	171	1	0.006	252	1272-1721DCT	-	-		9D (ESC)	FIX	Recond	0	OFF
73199	SO.NAUG	115.0	701	171	1	0.006	252	1272-1721DCT	-	-		17D (ESC)	fix	Recond	700	OFF
73199	SO.NAUG	115.0	701	171	1	0.005	252	1272-1721DCT	-	-		25D (ESC)	FIX	Recond	-700	OFF
73199	SO.NAUG	115.0	701	171	1	0.004	248	1272-1721DCT	-	-		13D (ESC)	FIX	Recond	700	ON
73199	SO.NAUG	115.0	701	171	1	0.003	248	1272-1721DCT	-	-		5D (ESC)	FIX	Recond	0	ON
73199	SO.NAUG	115.0	701	171	1	0.003	248	1272-1721DCT	-	-		21D (ESC)	FIX	Recond	-700	ON

List of Voltage Violations: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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	BALDWINB	115.0	701	171	0.8796	1.0069	0.9000	1.0500	-	-	L	248	1272-1721DCT	2D (ESC)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	0.8799	1.0164	0.9000	1.0500	-	-	L	248	1272-1721DCT	2D (ESC)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	0.8784	1.0179	0.9000	1.0500	-	-	L	248	1272-1721DCT	2D (ESC)	FIX	Recond	0	ON
73671	NO.HAVEN	115.0	701	185	1.0536	1.0341	0.9000	1.0500	-	-	H	384	NOHAVN2TSTK	2D (ESC)	FIX	Recond	0	ON
73160	BALDWINB	115.0	701	171	0.8854	1.0109	0.9000	1.0500	-	-	L	248	1272-1721DCT	3D (ESC)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	0.8856	1.0203	0.9000	1.0500	-	-	L	248	1272-1721DCT	3D (ESC)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	0.8841	1.0220	0.9000	1.0500	-	-	L	248	1272-1721DCT	3D (ESC)	FIX	Recond	0	ON
73153	BRANFORD	115.0	701	171	1.0537	1.0335	0.9000	1.0500	-	-	H	333	BRANFORD4T	3D (ESC)	FIX	Recond	0	ON
73671	NO.HAVEN	115.0	701	185	1.0541	1.0428	0.9000	1.0500	-	-	H	384	NOHAVN2TSTK	3D (ESC)	FIX	Recond	0	ON
73672	SACKETT	115.0	701	185	1.0511	1.0391	0.9000	1.0500	-	-	H	177	84004LINE	4D (ESC)	FIX	Recond	0	ON
73160	BALDWINB	115.0	701	171	0.8848	1.0077	0.9000	1.0500	-	-	L	248	1272-1721DCT	4D (ESC)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	0.8850	1.0169	0.9000	1.0500	-	-	L	248	1272-1721DCT	4D (ESC)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	0.8835	1.0187	0.9000	1.0500	-	-	L	248	1272-1721DCT	4D (ESC)	FIX	Recond	0	ON
73668	E.SHORE	115.0	701	185	1.0505	1.0414	0.9000	1.0500	-	-	H	294	8100-8200DCT	4D (ESC)	FIX	Recond	0	ON
73153	BRANFORD	115.0	701	171	1.0500	1.0351	0.9000	1.0500	-	-	H	331	BRANFORD1T	4D (ESC)	FIX	Recond	0	ON
73153	BRANFORD	115.0	701	171	1.0545	1.0351	0.9000	1.0500	-	-	H	333	BRANFORD4T	4D (ESC)	FIX	Recond	0	ON
73672	SACKETT	115.0	701	185	1.0510	1.0391	0.9000	1.0500	-	-	H	382	MXXAVEL	4D (ESC)	FIX	Recond	0	ON
73671	NO.HAVEN	115.0	701	185	1.0555	1.0435	0.9000	1.0500	-	-	H	384	NOHAVN2TSTK	4D (ESC)	FIX	Recond	0	ON
73160	BALDWINB	115.0	701	171	0.8668	1.0060	0.9000	1.0500	-	-	L	248	1272-1721DCT	5D (ESC)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	0.8671	1.0160	0.9000	1.0500	-	-	L	248	1272-1721DCT	5D (ESC)	FIX	Recond	0	ON
73188	BCNFL PF	115.0	701	171	0.8961	0.9967	0.9000	1.0500	-	-	L	248	1272-1721DCT	5D (ESC)	FIX	Recond	0	ON
73189	FREIGHT	115.0	701	171	0.8655	1.0177	0.9000	1.0500	-	-	L	248	1272-1721DCT	5D (ESC)	FIX	Recond	0	ON
73199	SO.NAUG	115.0	701	171	0.8968	1.0071	0.9000	1.0500	-	-	L	248	1272-1721DCT	5D (ESC)	FIX	Recond	0	ON
73160	BALDWINB	115.0	701	171	0.8979	1.0060	0.9000	1.0500	-	-	L	337	BUNKERH2T	5D (ESC)	FIX	Recond	0	ON
73185	BUNKER H	115.0	701	171	0.9000	1.0160	0.9000	1.0500	-	-	L	337	BUNKERH2T	5D (ESC)	FIX	Recond	0	ON
73683	ELMWST B	115.0	701	185	0.8946	1.0294	0.9000	1.0500	-	-	L	371	GRNDAV4TSTK	5D (ESC)	FIX	Recond	0	ON
73683	ELMWST B	115.0	701	185	0.8954	1.0294	0.9000	1.0500	-	-	L	372	GRNDAV5TSTK	5D (ESC)	FIX	Recond	0	ON
73682	ELMWST A	115.0	701	185	0.8975	1.0294	0.9000	1.0500	-	-	L	373	GRNDAV6TSTK	5D (ESC)	FIX	Recond	0	ON
73682	ELMWST A	115.0	701	185	0.8966	1.0294	0.9000	1.0500	-	-	L	374	GRNDAV7TSTK	5D (ESC)	FIX	Recond	0	ON
73671	NO.HAVEN	115.0	701	185	1.0512	1.0324	0.9000	1.0500	-	-	H	384	NOHAVN2TSTK	5D (ESC)	FIX	Recond	0	ON
73682	ELMWST A	115.0	701	185	0.8980	1.0294	0.9000	1.0500	-	-	L	437	WRIVER1TSTK	5D (ESC)	FIX	Recond	0	ON
73683	ELMWST B	115.0	701	185	0.8960	1.0294	0.9000	1.0500	-	-	L	438	WRIVER2TSTK	5D (ESC)	FIX	Recond	0	ON
73160	BALDWINB	115.0	701	171	0.8760	1.0100	0.9000	1.0500	-	-	L	252	1272-1721DCT	6D (ESC)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	0.8764	1.0198	0.9000	1.0500	-	-	L	252	1272-1721DCT	6D (ESC)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	0.8749	1.0213	0.9000	1.0500	-	-	L	252	1272-1721DCT	6D (ESC)	FIX	Recond	0	OFF
73671	NO.HAVEN	115.0	701	185	1.0501	1.0305	0.9000	1.0500	-	-	H	388	NOHAVN2TSTK	6D (ESC)	FIX	Recond	0	OFF
73160	BALDWINB	115.0	701	171	0.8849	1.0102	0.9000	1.0500	-	-	L	252	1272-1721DCT	7D (ESC)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	0.8851	1.0196	0.9000	1.0500	-	-	L	252	1272-1721DCT	7D (ESC)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	0.8836	1.0213	0.9000	1.0500	-	-	L	252	1272-1721DCT	7D (ESC)	FIX	Recond	0	OFF
73153	BRANFORD	115.0	701	171	1.0527	1.0322	0.9000	1.0500	-	-	H	337	BRANFORD4T	7D (ESC)	FIX	Recond	0	OFF
73671	NO.HAVEN	115.0	701	185	1.0541	1.0417	0.9000	1.0500	-	-	H	388	NOHAVN2TSTK	7D (ESC)	FIX	Recond	0	OFF
73160	BALDWINB	115.0	701	171	0.8845	1.0074	0.9000	1.0500	-	-	L	252	1272-1721DCT	8D (ESC)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	0.8846	1.0165	0.9000	1.0500	-	-	L	252	1272-1721DCT	8D (ESC)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	0.8831	1.0182	0.9000	1.0500	-	-	L	252	1272-1721DCT	8D (ESC)	FIX	Recond	0	OFF
73668	E.SHORE	115.0	701	185	1.0523	1.0404	0.9000	1.0500	-	-	H	298	8100-8200DCT	8D (ESC)	FIX	Recond	0	OFF
73153	BRANFORD	115.0	701	171	1.0531	1.0332	0.9000	1.0500	-	-	H	337	BRANFORD4T	8D (ESC)	FIX	Recond	0	OFF

List of Voltage Violations: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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
73671	NO.HAVEN	115.0	701	185	1.0541	1.0422	0.9000	1.0500	-	-	H	388	NOHAVN2TSTK	8D (ESC)	FIX	Recond	0	OFF
73160	BALDWINB	115.0	701	171	0.8637	1.0043	0.9000	1.0500	-	-	L	252	1272-1721DCT	9D (ESC)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	0.8641	1.0145	0.9000	1.0500	-	-	L	252	1272-1721DCT	9D (ESC)	FIX	Recond	0	OFF
73188	BCNFL PF	115.0	701	171	0.8931	0.9947	0.9000	1.0500	-	-	L	252	1272-1721DCT	9D (ESC)	FIX	Recond	0	OFF
73189	FREIGHT	115.0	701	171	0.8625	1.0162	0.9000	1.0500	-	-	L	252	1272-1721DCT	9D (ESC)	FIX	Recond	0	OFF
73199	SO.NAUG	115.0	701	171	0.8941	1.0055	0.9000	1.0500	-	-	L	252	1272-1721DCT	9D (ESC)	FIX	Recond	0	OFF
73160	BALDWINB	115.0	701	171	0.8952	1.0043	0.9000	1.0500	-	-	L	341	BUNKERH2T	9D (ESC)	FIX	Recond	0	OFF
73185	BUNKER H	115.0	701	171	0.8972	1.0145	0.9000	1.0500	-	-	L	341	BUNKERH2T	9D (ESC)	FIX	Recond	0	OFF
73683	ELMWST B	115.0	701	185	0.8928	1.0262	0.9000	1.0500	-	-	L	375	GRNDV4TSTK	9D (ESC)	FIX	Recond	0	OFF
73683	ELMWST B	115.0	701	185	0.9000	1.0262	0.9000	1.0500	-	-	L	376	GRNDV5TSTK	9D (ESC)	FIX	Recond	0	OFF
73682	ELMWST A	115.0	701	185	0.8948	1.0262	0.9000	1.0500	-	-	L	378	GRNDV7TSTK	9D (ESC)	FIX	Recond	0	OFF
73682	ELMWST A	115.0	701	185	0.8960	1.0262	0.9000	1.0500	-	-	L	441	WRIVER1TSTK	9D (ESC)	FIX	Recond	0	OFF
73683	ELMWST B	115.0	701	185	0.8940	1.0262	0.9000	1.0500	-	-	L	442	WRIVER2TSTK	9D (ESC)	FIX	Recond	0	OFF
73160	BALDWINB	115.0	701	171	0.8793	1.0070	0.9000	1.0500	-	-	L	248	1272-1721DCT	10D (ESC)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	0.8796	1.0165	0.9000	1.0500	-	-	L	248	1272-1721DCT	10D (ESC)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	0.8781	1.0180	0.9000	1.0500	-	-	L	248	1272-1721DCT	10D (ESC)	FIX	Recond	700	ON
73671	NO.HAVEN	115.0	701	185	1.0525	1.0330	0.9000	1.0500	-	-	H	384	NOHAVN2TSTK	10D (ESC)	FIX	Recond	700	ON
73160	BALDWINB	115.0	701	171	0.8852	1.0101	0.9000	1.0500	-	-	L	248	1272-1721DCT	11D (ESC)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	0.8854	1.0195	0.9000	1.0500	-	-	L	248	1272-1721DCT	11D (ESC)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	0.8839	1.0211	0.9000	1.0500	-	-	L	248	1272-1721DCT	11D (ESC)	FIX	Recond	700	ON
73153	BRANFORD	115.0	701	171	1.0534	1.0331	0.9000	1.0500	-	-	H	333	BRANFORD4T	11D (ESC)	FIX	Recond	700	ON
73671	NO.HAVEN	115.0	701	185	1.0534	1.0425	0.9000	1.0500	-	-	H	384	NOHAVN2TSTK	11D (ESC)	FIX	Recond	700	ON
73672	SACKETT	115.0	701	185	1.0505	1.0385	0.9000	1.0500	-	-	H	177	84004LINE	12D (ESC)	FIX	Recond	700	ON
73160	BALDWINB	115.0	701	171	0.8844	1.0067	0.9000	1.0500	-	-	L	248	1272-1721DCT	12D (ESC)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	0.8846	1.0158	0.9000	1.0500	-	-	L	248	1272-1721DCT	12D (ESC)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	0.8831	1.0175	0.9000	1.0500	-	-	L	248	1272-1721DCT	12D (ESC)	FIX	Recond	700	ON
73153	BRANFORD	115.0	701	171	1.0541	1.0344	0.9000	1.0500	-	-	H	333	BRANFORD4T	12D (ESC)	FIX	Recond	700	ON
73672	SACKETT	115.0	701	185	1.0504	1.0385	0.9000	1.0500	-	-	H	382	MIXAVE1	12D (ESC)	FIX	Recond	700	ON
73671	NO.HAVEN	115.0	701	185	1.0548	1.0431	0.9000	1.0500	-	-	H	384	NOHAVN2TSTK	12D (ESC)	FIX	Recond	700	ON
73160	BALDWINB	115.0	701	171	0.8661	1.0042	0.9000	1.0500	-	-	L	248	1272-1721DCT	13D (ESC)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	0.8663	1.0142	0.9000	1.0500	-	-	L	248	1272-1721DCT	13D (ESC)	FIX	Recond	700	ON
73188	BCNFL PF	115.0	701	171	0.8954	0.9952	0.9000	1.0500	-	-	L	248	1272-1721DCT	13D (ESC)	FIX	Recond	700	ON
73189	FREIGHT	115.0	701	171	0.8648	1.0159	0.9000	1.0500	-	-	L	248	1272-1721DCT	13D (ESC)	FIX	Recond	700	ON
73199	SO.NAUG	115.0	701	171	0.8961	1.0056	0.9000	1.0500	-	-	L	248	1272-1721DCT	13D (ESC)	FIX	Recond	700	ON
73160	BALDWINB	115.0	701	171	0.8972	1.0042	0.9000	1.0500	-	-	L	337	BUNKERH2T	13D (ESC)	FIX	Recond	700	ON
73185	BUNKER H	115.0	701	171	0.8993	1.0142	0.9000	1.0500	-	-	L	337	BUNKERH2T	13D (ESC)	FIX	Recond	700	ON
73683	ELMWST B	115.0	701	185	0.8935	1.0279	0.9000	1.0500	-	-	L	371	GRNDV4TSTK	13D (ESC)	FIX	Recond	700	ON
73683	ELMWST B	115.0	701	185	0.8997	1.0279	0.9000	1.0500	-	-	L	372	GRNDV5TSTK	13D (ESC)	FIX	Recond	700	ON
73682	ELMWST A	115.0	701	185	0.8954	1.0279	0.9000	1.0500	-	-	L	374	GRNDV7TSTK	13D (ESC)	FIX	Recond	700	ON
73682	ELMWST A	115.0	701	185	0.8980	1.0279	0.9000	1.0500	-	-	L	437	WRIVER1TSTK	13D (ESC)	FIX	Recond	700	ON
73683	ELMWST B	115.0	701	185	0.8960	1.0279	0.9000	1.0500	-	-	L	438	WRIVER2TSTK	13D (ESC)	FIX	Recond	700	ON
73160	BALDWINB	115.0	701	171	0.8755	1.0092	0.9000	1.0500	-	-	L	252	1272-1721DCT	14D (ESC)	fix	Recond	700	OFF
73185	BUNKER H	115.0	701	171	0.8759	1.0190	0.9000	1.0500	-	-	L	252	1272-1721DCT	14D (ESC)	fix	Recond	700	OFF
73189	FREIGHT	115.0	701	171	0.8743	1.0205	0.9000	1.0500	-	-	L	252	1272-1721DCT	14D (ESC)	fix	Recond	700	OFF
73683	ELMWST B	115.0	701	185	0.8995	1.0296	0.9000	1.0500	-	-	L	375	GRNDV4TSTK	14D (ESC)	fix	Recond	700	OFF
73160	BALDWINB	115.0	701	171	0.8846	1.0093	0.9000	1.0500	-	-	L	252	1272-1721DCT	15D (ESC)	fix	Recond	700	OFF

List of Voltage Violations: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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
73185	BUNKER H	115.0	701	171	0.8849	1.0187	0.9000	1.0500	-	-	L	252	1272-1721DCT	15D (ESC)	fix	Recond	700	OFF
73189	FREIGHT	115.0	701	171	0.8834	1.0203	0.9000	1.0500	-	-	L	252	1272-1721DCT	15D (ESC)	fix	Recond	700	OFF
73665	NHHVDCL	192.0	701	185	1.0659	1.0509	0.9500	1.0650	-	-	H	281	1710-1730ADC	15D (ESC)	fix	Recond	700	OFF
73665	NHHVDCL	192.0	701	185	1.0662	1.0509	0.9500	1.0650	-	-	H	315	LOSSBPT3	15D (ESC)	fix	Recond	700	OFF
73153	BRANFORD	115.0	701	171	1.0524	1.0315	0.9000	1.0500	-	-	H	337	BRANFORD4T	15D (ESC)	fix	Recond	700	OFF
73665	NHHVDCL	192.0	701	185	1.0662	1.0509	0.9500	1.0650	-	-	H	387	NOHAVN1TSTK	15D (ESC)	fix	Recond	700	OFF
73671	NO.HAVEN	115.0	701	185	1.0542	1.0413	0.9000	1.0500	-	-	H	388	NOHAVN2TSTK	15D (ESC)	fix	Recond	700	OFF
73665	NHHVDCL	192.0	701	185	1.0655	1.0509	0.9500	1.0650	-	-	H	456	NOMNSTBKR	15D (ESC)	fix	Recond	700	OFF
73665	NHHVDCL	192.0	701	185	1.0655	1.0509	0.9500	1.0650	-	-	H	457	NMSTBKREAC	15D (ESC)	fix	Recond	700	OFF
73160	BALDWINB	115.0	701	171	0.8841	1.0063	0.9000	1.0500	-	-	L	252	1272-1721DCT	16D (ESC)	fix	Recond	700	OFF
73185	BUNKER H	115.0	701	171	0.8843	1.0154	0.9000	1.0500	-	-	L	252	1272-1721DCT	16D (ESC)	fix	Recond	700	OFF
73189	FREIGHT	115.0	701	171	0.8828	1.0171	0.9000	1.0500	-	-	L	252	1272-1721DCT	16D (ESC)	fix	Recond	700	OFF
73668	E. SHORE	115.0	701	185	1.0514	1.0403	0.9000	1.0500	-	-	H	298	8100-8200DCT	16D (ESC)	fix	Recond	700	OFF
73153	BRANFORD	115.0	701	171	1.0527	1.0327	0.9000	1.0500	-	-	H	337	BRANFORD4T	16D (ESC)	fix	Recond	700	OFF
73671	NO.HAVEN	115.0	701	185	1.0540	1.0418	0.9000	1.0500	-	-	H	388	NOHAVN2TSTK	16D (ESC)	fix	Recond	700	OFF
73160	BALDWINB	115.0	701	171	0.8638	1.0059	0.9000	1.0500	-	-	L	252	1272-1721DCT	17D (ESC)	fix	Recond	700	OFF
73185	BUNKER H	115.0	701	171	0.8641	1.0162	0.9000	1.0500	-	-	L	252	1272-1721DCT	17D (ESC)	fix	Recond	700	OFF
73188	BCNFL PF	115.0	701	171	0.8932	0.9958	0.9000	1.0500	-	-	L	252	1272-1721DCT	17D (ESC)	fix	Recond	700	OFF
73189	FREIGHT	115.0	701	171	0.8625	1.0179	0.9000	1.0500	-	-	L	252	1272-1721DCT	17D (ESC)	fix	Recond	700	OFF
73199	SO.NAUG	115.0	701	171	0.8940	1.0066	0.9000	1.0500	-	-	L	252	1272-1721DCT	17D (ESC)	fix	Recond	700	OFF
73160	BALDWINB	115.0	701	171	0.8952	1.0059	0.9000	1.0500	-	-	L	341	BUNKERH2T	17D (ESC)	fix	Recond	700	OFF
73185	BUNKER H	115.0	701	171	0.8973	1.0162	0.9000	1.0500	-	-	L	341	BUNKERH2T	17D (ESC)	fix	Recond	700	OFF
73683	ELMWST B	115.0	701	185	0.8921	1.0259	0.9000	1.0500	-	-	L	375	GRNDV4TSTK	17D (ESC)	fix	Recond	700	OFF
73683	ELMWST B	115.0	701	185	0.8989	1.0259	0.9000	1.0500	-	-	L	376	GRNDV5TSTK	17D (ESC)	fix	Recond	700	OFF
73682	ELMWST A	115.0	701	185	0.8942	1.0259	0.9000	1.0500	-	-	L	378	GRNDV7TSTK	17D (ESC)	fix	Recond	700	OFF
73682	ELMWST A	115.0	701	185	0.8951	1.0259	0.9000	1.0500	-	-	L	441	WRIVER1TSTK	17D (ESC)	fix	Recond	700	OFF
73683	ELMWST B	115.0	701	185	0.8931	1.0259	0.9000	1.0500	-	-	L	442	WRIVER2TSTK	17D (ESC)	fix	Recond	700	OFF
73160	BALDWINB	115.0	701	171	0.8802	1.0091	0.9000	1.0500	-	-	L	248	1272-1721DCT	18D (ESC)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	0.8805	1.0186	0.9000	1.0500	-	-	L	248	1272-1721DCT	18D (ESC)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	0.8790	1.0202	0.9000	1.0500	-	-	L	248	1272-1721DCT	18D (ESC)	FIX	Recond	-700	ON
73665	NHHVDCL	192.0	701	185	1.0650	1.0642	0.9500	1.0650	-	-	H	258	1470-1565DCT	18D (ESC)	FIX	Recond	-700	ON
73665	NHHVDCL	192.0	701	185	1.0653	1.0642	0.9500	1.0650	-	-	H	362	FLAXHILL2T	18D (ESC)	FIX	Recond	-700	ON
73671	NO.HAVEN	115.0	701	185	1.0547	1.0354	0.9000	1.0500	-	-	H	384	NOHAVN2TSTK	18D (ESC)	FIX	Recond	-700	ON
73665	NHHVDCL	192.0	701	185	1.0650	1.0642	0.9500	1.0650	-	-	H	394	PEACEABLE1T	18D (ESC)	FIX	Recond	-700	ON
73665	NHHVDCL	192.0	701	185	1.0651	1.0642	0.9500	1.0650	-	-	H	427	TRIANGLE4T	18D (ESC)	FIX	Recond	-700	ON
73665	NHHVDCL	192.0	701	185	1.0653	1.0642	0.9500	1.0650	-	-	H	473	NEMDEV1	18D (ESC)	FIX	Recond	-700	ON
73160	BALDWINB	115.0	701	171	0.8857	1.0115	0.9000	1.0500	-	-	L	248	1272-1721DCT	19D (ESC)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	0.8858	1.0210	0.9000	1.0500	-	-	L	248	1272-1721DCT	19D (ESC)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	0.8844	1.0227	0.9000	1.0500	-	-	L	248	1272-1721DCT	19D (ESC)	FIX	Recond	-700	ON
73153	BRANFORD	115.0	701	171	1.0540	1.0341	0.9000	1.0500	-	-	H	333	BRANFORD4T	19D (ESC)	FIX	Recond	-700	ON
73671	NO.HAVEN	115.0	701	185	1.0543	1.0431	0.9000	1.0500	-	-	H	384	NOHAVN2TSTK	19D (ESC)	FIX	Recond	-700	ON
73671	NO.HAVEN	115.0	701	185	1.0501	1.0441	0.9000	1.0500	-	-	H	92	1630LINE	20D (ESC)	FIX	Recond	-700	ON
73672	SACKETT	115.0	701	185	1.0519	1.0398	0.9000	1.0500	-	-	H	177	84004LINE	20D (ESC)	FIX	Recond	-700	ON
73160	BALDWINB	115.0	701	171	0.8855	1.0089	0.9000	1.0500	-	-	L	248	1272-1721DCT	20D (ESC)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	0.8856	1.0181	0.9000	1.0500	-	-	L	248	1272-1721DCT	20D (ESC)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	0.8841	1.0199	0.9000	1.0500	-	-	L	248	1272-1721DCT	20D (ESC)	FIX	Recond	-700	ON

List of Voltage Violations: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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
73668	E.SHORE	115.0	701	185	1.0515	1.0421	0.9000	1.0500	-	-	H	294	8100-8200DCT	20D (ESC)	FIX	Recond	-700	ON
73153	BRANFORD	115.0	701	171	1.0508	1.0359	0.9000	1.0500	-	-	H	331	BRANFORD1T	20D (ESC)	FIX	Recond	-700	ON
73153	BRANFORD	115.0	701	171	1.0550	1.0359	0.9000	1.0500	-	-	H	333	BRANFORD4T	20D (ESC)	FIX	Recond	-700	ON
73672	SACKETT	115.0	701	185	1.0519	1.0398	0.9000	1.0500	-	-	H	382	MIXAVEL	20D (ESC)	FIX	Recond	-700	ON
73671	NO.HAVEN	115.0	701	185	1.0564	1.0441	0.9000	1.0500	-	-	H	384	NOHAVN2TSTK	20D (ESC)	FIX	Recond	-700	ON
73671	NO.HAVEN	115.0	701	185	1.0501	1.0441	0.9000	1.0500	-	-	H	428	WALLING1TSTK	20D (ESC)	FIX	Recond	-700	ON
73160	BALDWINB	115.0	701	171	0.8675	1.0073	0.9000	1.0500	-	-	L	248	1272-1721DCT	21D (ESC)	FIX	Recond	-700	ON
73185	BUNKER H	115.0	701	171	0.8678	1.0174	0.9000	1.0500	-	-	L	248	1272-1721DCT	21D (ESC)	FIX	Recond	-700	ON
73188	BCNFL PF	115.0	701	171	0.8969	0.9978	0.9000	1.0500	-	-	L	248	1272-1721DCT	21D (ESC)	FIX	Recond	-700	ON
73189	FREIGHT	115.0	701	171	0.8663	1.0191	0.9000	1.0500	-	-	L	248	1272-1721DCT	21D (ESC)	FIX	Recond	-700	ON
73199	SO.NAUG	115.0	701	171	0.8974	1.0081	0.9000	1.0500	-	-	L	248	1272-1721DCT	21D (ESC)	FIX	Recond	-700	ON
73665	NHHVDCL	192.0	701	185	1.0653	1.0548	0.9500	1.0650	-	-	H	277	1710-1730ADC	21D (ESC)	FIX	Recond	-700	ON
73160	BALDWINB	115.0	701	171	0.8986	1.0073	0.9000	1.0500	-	-	L	337	BUNKERH2T	21D (ESC)	FIX	Recond	-700	ON
73683	ELMWST B	115.0	701	185	0.8984	1.0301	0.9000	1.0500	-	-	L	371	GRNDAV4TSTK	21D (ESC)	FIX	Recond	-700	ON
73671	NO.HAVEN	115.0	701	185	1.0517	1.0337	0.9000	1.0500	-	-	H	384	NOHAVN2TSTK	21D (ESC)	FIX	Recond	-700	ON
73665	NHHVDCL	192.0	701	185	1.0657	1.0548	0.9500	1.0650	-	-	H	391	NORWLKHAR4T	21D (ESC)	FIX	Recond	-700	ON
73683	ELMWST B	115.0	701	185	0.8999	1.0301	0.9000	1.0500	-	-	L	438	WRIVER2TSTK	21D (ESC)	FIX	Recond	-700	ON
73160	BALDWINB	115.0	701	171	0.8757	1.0077	0.9000	1.0500	-	-	L	252	1272-1721DCT	22D (ESC)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	0.8761	1.0173	0.9000	1.0500	-	-	L	252	1272-1721DCT	22D (ESC)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	0.8745	1.0188	0.9000	1.0500	-	-	L	252	1272-1721DCT	22D (ESC)	FIX	Recond	-700	OFF
73671	NO.HAVEN	115.0	701	185	1.0507	1.0315	0.9000	1.0500	-	-	H	388	NOHAVN2TSTK	22D (ESC)	FIX	Recond	-700	OFF
73665	NHHVDCL	192.0	701	185	1.0654	1.0416	0.9500	1.0650	-	-	H	206	321LINE	23D (ESC)	FIX	Recond	-700	OFF
73160	BALDWINB	115.0	701	171	0.8851	1.0109	0.9000	1.0500	-	-	L	252	1272-1721DCT	23D (ESC)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	0.8853	1.0204	0.9000	1.0500	-	-	L	252	1272-1721DCT	23D (ESC)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	0.8838	1.0221	0.9000	1.0500	-	-	L	252	1272-1721DCT	23D (ESC)	FIX	Recond	-700	OFF
73153	BRANFORD	115.0	701	171	1.0531	1.0329	0.9000	1.0500	-	-	H	337	BRANFORD4T	23D (ESC)	FIX	Recond	-700	OFF
73671	NO.HAVEN	115.0	701	185	1.0543	1.0421	0.9000	1.0500	-	-	H	388	NOHAVN2TSTK	23D (ESC)	FIX	Recond	-700	OFF
73672	SACKETT	115.0	701	185	1.0504	1.0384	0.9000	1.0500	-	-	H	181	84004LINE	24D (ESC)	FIX	Recond	-700	OFF
73160	BALDWINB	115.0	701	171	0.8850	1.0085	0.9000	1.0500	-	-	L	252	1272-1721DCT	24D (ESC)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	0.8851	1.0177	0.9000	1.0500	-	-	L	252	1272-1721DCT	24D (ESC)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	0.8836	1.0195	0.9000	1.0500	-	-	L	252	1272-1721DCT	24D (ESC)	FIX	Recond	-700	OFF
73668	E.SHORE	115.0	701	185	1.0533	1.0407	0.9000	1.0500	-	-	H	298	8100-8200DCT	24D (ESC)	FIX	Recond	-700	OFF
73153	BRANFORD	115.0	701	171	1.0537	1.0339	0.9000	1.0500	-	-	H	337	BRANFORD4T	24D (ESC)	FIX	Recond	-700	OFF
73672	SACKETT	115.0	701	185	1.0504	1.0384	0.9000	1.0500	-	-	H	386	MIXAVEL	24D (ESC)	FIX	Recond	-700	OFF
73671	NO.HAVEN	115.0	701	185	1.0545	1.0426	0.9000	1.0500	-	-	H	388	NOHAVN2TSTK	24D (ESC)	FIX	Recond	-700	OFF
73160	BALDWINB	115.0	701	171	0.8646	1.0057	0.9000	1.0500	-	-	L	252	1272-1721DCT	25D (ESC)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	0.8649	1.0159	0.9000	1.0500	-	-	L	252	1272-1721DCT	25D (ESC)	FIX	Recond	-700	OFF
73188	BCNFL PF	115.0	701	171	0.8939	0.9959	0.9000	1.0500	-	-	L	252	1272-1721DCT	25D (ESC)	FIX	Recond	-700	OFF
73189	FREIGHT	115.0	701	171	0.8634	1.0176	0.9000	1.0500	-	-	L	252	1272-1721DCT	25D (ESC)	FIX	Recond	-700	OFF
73199	SO.NAUG	115.0	701	171	0.8948	1.0066	0.9000	1.0500	-	-	L	252	1272-1721DCT	25D (ESC)	FIX	Recond	-700	OFF
73665	NHHVDCL	192.0	701	185	1.0652	1.0605	0.9500	1.0650	-	-	H	298	8100-8200DCT	25D (ESC)	FIX	Recond	-700	OFF
73160	BALDWINB	115.0	701	171	0.8960	1.0057	0.9000	1.0500	-	-	L	341	BUNKERH2T	25D (ESC)	FIX	Recond	-700	OFF
73185	BUNKER H	115.0	701	171	0.8980	1.0159	0.9000	1.0500	-	-	L	341	BUNKERH2T	25D (ESC)	FIX	Recond	-700	OFF
73683	ELMWST B	115.0	701	185	0.8904	1.0273	0.9000	1.0500	-	-	L	375	GRNDAV4TSTK	25D (ESC)	FIX	Recond	-700	OFF
73683	ELMWST B	115.0	701	185	0.8973	1.0273	0.9000	1.0500	-	-	L	376	GRNDAV5TSTK	25D (ESC)	FIX	Recond	-700	OFF
73682	ELMWST A	115.0	701	185	0.8993	1.0273	0.9000	1.0500	-	-	L	377	GRNDAV6TSTK	25D (ESC)	FIX	Recond	-700	OFF

List of Voltage Violations: 27.7 GW NE Load, Dispatches 2D - 25D (ESC)

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	0.8925	1.0273	0.9000	1.0500	-	-	L	378	GRNDAV7TSTK	25D (ESC)	FIX	Recond	-700	OFF
73682	ELMWST A	115.0	701	185	0.8936	1.0273	0.9000	1.0500	-	-	L	441	WRIVER1TSTK	25D (ESC)	FIX	Recond	-700	OFF
73683	ELMWST B	115.0	701	185	0.8915	1.0273	0.9000	1.0500	-	-	L	442	WRIVER2TSTK	25D (ESC)	FIX	Recond	-700	OFF