

## Appendix A Existing Electric Generation Facilities as of December 2012

Facility	Owner	Town	Fuel	Summer Rating	Winter Rating	In-Service Date
AES Thames	AES Thames, Inc.	Montville	Coal	0.00	0.00	12/1/1989
Aetna Capitol District (CDECCA)	Capitol District Energy Ctr.	Hartford	Gas	55.25	61.33	11/1/1988
Bantam #1	FirstLight Hydro Generating Co.	Litchfield	Hydro (Run of River)	0.00	0.12	1/1/1905
Branford #10	NRG	Branford	Oil (Jet Fuel)	15.84	20.95	1/1/1969
Bridgeport Energy	Bridgeport Energy LLC	Bridgeport	Gas	454.43	533.68	8/1/1998
Bridgeport Harbor #2	PSEG Power, LLC	Bridgeport	Oil	130.50	0.00	8/1/1961
Bridgeport Harbor #3	PSEG Power, LLC	Bridgeport	Coal/Oil	383.43	384.98	8/1/1968
Bridgeport Harbor #4	PSEG Power, LLC	Bridgeport	Oil (Jet Fuel)	11.71	16.61	10/1/1967
Bridgeport (Wheelabrator)	CRRA	Bridgeport	Wood/Refuse	59.27	59.87	4/1/1988
Bristol Refuse	Ogden Martin Systems-CT	Bristol	Refuse	12.22	12.40	5/1/1988
Bulls Bridge #1- #6	FirstLight Hydro Generating Co.	New Milford	Hydro (Pondage)	0.00	5.97	1/1/1903
Colebrook	MDC	Colebrook	Hydro (Pondage)	0.00	0.62	3/1/1988
Cos Cob #10	NRG	Greenwich	Oil (Jet Fuel)	19.03	23.00	9/1/1969
Cos Cob #11	NRG	Greenwich	Oil (Jet Fuel)	18.72	23.00	1/1/1969
Cos Cob #12	NRG	Greenwich	Oil (Jet Fuel)	19.08	23.00	1/1/1969
Cos Cob #13	NRG	Greenwich	Oil (Jet Fuel)	19.05	22.85	5/29/2008
Cos Cob #14	NRG	Greenwich	Oil (Jet Fuel)	19.21	22.60	5/29/2008
Dayville Pond	Summit Hydro Power	Killingly	Hydro (Run of River)	0.00	0.06	3/1/1995
Derby Dam	McCallum Enterprises	Shelton	Hydro (Run of River)	7.05	7.05	3/1/1989
Devon #10 (reactivated)	NRG	Milford	Oil (Jet Fuel)	14.41	19.19	4/1/1988
Devon #11	NRG	Milford	Gas	29.30	38.82	10/1/1996
Devon #12	NRG	Milford	Gas	29.23	38.44	10/1/1996
Devon #13	NRG	Milford	Gas	29.97	38.97	10/1/1996
Devon #14	NRG	Milford	Gas	29.70	40.27	10/1/1996
Devon #15	NRG	Milford	Oil (Jet Fuel)	46.90	49.20	7/12/2010
Devon #16	NRG	Milford	Oil (Jet Fuel)	46.90	49.20	6/28/2010
Devon #17	NRG	Milford	Oil (Jet Fuel)	46.90	49.20	6/15/2010
Devon #18	NRG	Milford	Oil (Jet Fuel)	46.90	49.20	6/9/2010
Dexter	Aistom	Windsor Locks	Gas	3.58	31.40	5/1/1990
East Windsor NORCAP LFG	East Windsor NORCAP	East Windsor	Landfill Gas (Methane)	0.98	0.90	5/7/2007
Exeter	Oxford Energy, Inc.	Sterling	Refuse (Tires)	9.50	16.80	12/1/1991
Falls Village #1- #3	FirstLight Hydro Generating Co.	Canaan	Hydro (Pondage)	0.00	6.12	1/1/1914
Franklin Drive #10	NRG	Torrington	Oil (Jet Fuel)	15.42	20.53	11/1/1968
Glen Falls	Summit Hydro Power	Plainfield	Hydro (Run of River)	0.00	0.00	3/1/1998
Goodwin Dam	MDC	Hartland	Hydro (Run of River)	3.00	3.00	2/1/1986
Hartford Landfill	CRRA	Hartford	Landfill Gas (Methane)	1.56	1.59	8/1/1998
John Street #3	CMEEC	Wallingford	Oil (Diesel)	2.00	2.00	9/26/2007

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John Street #4	CMEEC	Wallingford	Oil (Diesel)	2.00	2.00	9/26/2007
John Street #5	CMEEC	Wallingford	Oil (Diesel)	2.01	2.00	11/1/2007
Kleen Energy	Kleen Energy	Middletown	Gas/Oil	620.00	620.00	7/12/2011
Kimb Rocky River	Kimberly Clark Corporation	New Milford	Gas	12.64	15.13	7/15/2008
Kinneytown A	Kinneytown Hydro Co.	Ansonia	Hydro (Run of River)	0.00	0.00	3/1/1988
Kinneytown B	Kinneytown Hydro Co.	Seymour	Hydro (Run of River)	0.20	0.67	11/1/1986
Lake Road #1	Lake Road Generating Co., L.P.	Killingly	Gas/Oil	245.79	281.42	7/1/2001
Lake Road #2	Lake Road Generating Co., L.P.	Killingly	Gas/Oil	251.21	286.84	11/1/2001
Lake Road #3	Lake Road Generating Co., L.P.	Killingly	Gas/Oil	248.01	276.78	5/1/2002
Lisbon Resource Recovery	Riley Energy Systems	Lisbon	Wood/Refuse	13.46	13.61	1/1/1996
Mechanicsville	Saywatt Hydro Associates	Thompson	Hydro (Run of River)	0.00	0.19	9/1/1995
Middletown #2	NRG	Middletown	Oil/Gas	117.00	120.00	1/1/1958
Middletown #3	NRG	Middletown	Oil/Gas	233.68	244.40	1/1/1964
Middletown #4	NRG	Middletown	Oil	399.92	402.00	6/1/1973
Middletown #10	NRG	Middletown	Oil (Jet Fuel)	0.00	18.76	1/1/1966
Middletown #12	NRG	Middletown	Gas	46.90	49.20	6/24/2011
Middletown #13	NRG	Middletown	Gas	46.90	49.20	6/23/2011
Middletown #14	NRG	Middletown	Gas	46.90	49.20	6/1/2011
Middletown #15	NRG	Middletown	Gas	46.90	49.20	6/1/2011
Milford Power #1	Milford Power Company, LLC	Milford	Gas/Oil	253.61	281.85	2/12/2004
Milford Power #2	Milford Power Company, LLC	Milford	Gas/Oil	253.09	287.63	6/1/2004
Millstone #2	Dominion Nuclear CT, Inc.	Waterford	Nuclear	875.26	879.31	12/1/1975
Millstone #3	Dominion Nuclear CT, Inc.	Waterford	Nuclear	1225.00	1235.00	4/1/1986
Montville #5	NRG	Montville	Oil/Gas	81.00	81.59	1/1/1954
Montville #6	NRG	Montville	Oil	405.05	408.85	7/1/1971
Montville #10 & #11	NRG	Montville	Oil (Diesel)	5.30	5.35	1/1/1967
New Haven Harbor #1	PSEG Power, LLC	New Haven	Oil/Gas	447.89	453.38	8/1/1975
New Haven Harbor #2	PSEG New Haven, LLC	New Haven	Oil (Jet Fuel)	43.20	48.60	6/1/2012
New Haven Harbor #3	PSEG New Haven, LLC	New Haven	Oil (Jet Fuel)	43.20	48.60	6/1/2012
New Haven Harbor #4	PSEG New Haven, LLC	New Haven	Oil (Jet Fuel)	43.20	48.60	6/1/2012
New Milford Landfill	Vermont Electric Power Co.	New Milford	Landfill Gas (Methane)	1.38	1.51	8/1/1991
Norden #1	CMEEC	East Norwalk	Oil	1.95	1.96	2/26/2009
Norden #2	CMEEC	East Norwalk	Oil	1.95	1.95	2/26/2009
Norden #3	CMEEC	East Norwalk	Oil	1.94	1.94	2/26/2009
Norwalk Harbor #1	NRG	Norwalk	Oil	162.00	164.00	1/1/1960
Norwalk Harbor #2	NRG	Norwalk	Oil	168.00	172.00	1/1/1963
Norwalk Harbor #10 (3)	NRG	Norwalk	Oil (Diesel)	11.93	17.06	10/1/1996

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Norwich 2nd St./Greenville Dam	CMEEC	Norwich	Hydro	0.00	0.00	10/1/1998
Norwich 10th St.	CMEEC	Norwich	Hydro	0.00	0.00	11/1/1966
Norwich Jet	CMEEC	Norwich	Oil	15.26	18.80	9/1/1972
Norwich Wastewater Treatment	CMEEC	Norwich	Oil (Diesel)	2.00	2.00	5/29/2008
Pierce	CMEEC	Wallingford	Oil/Gas	74.09	94.59	10/1/2007
Pinchbeck	William Pinchbeck, Inc.	Gulford	Wood/Refuse	0.00	0.00	7/1/1987
PPL Wallingford Unit #1	PPL EnergyPlus, LLC	Wallingford	Gas	42.30	48.41	8/1/2001
PPL Wallingford Unit #2	PPL EnergyPlus, LLC	Wallingford	Gas	42.30	48.24	8/1/2001
PPL Wallingford Unit #3	PPL EnergyPlus, LLC	Wallingford	Gas	42.30	47.84	8/1/2001
PPL Wallingford Unit #4	PPL EnergyPlus, LLC	Wallingford	Gas	42.30	47.19	8/1/2001
PPL Wallingford Unit #5	PPL EnergyPlus, LLC	Wallingford	Gas	42.30	49.00	8/1/2001
Preston RRF	SCRRF	Preston	Wood/Refuse	16.10	16.52	1/1/1992
Putnam	Putnam Hydropower, Inc.	Putnam	Hydro (Run of River)	0.07	0.53	10/1/1987
Quinebaug	Quinebaug Associates LLC	Killingly	Hydro (Run of River)	0.05	1.35	9/1/1990
Rainbow Dam #1- #2	Farmington River Power Co.	Windsor	Hydro (Run of River)	8.20	8.20	1/1/1980
Robertsville #1- #2	FirstLight Hydro Generating Co.	Colebrook	Hydro (Run of River)	0.00	0.02	1/1/1924
Rocky Glen/Sandy Hook Hydro	Rocky Glen Hydro LP	Newtown	Hydro (Run of River)	0.11	0.11	4/1/1989
Rocky River	FirstLight Hydro Generating Co.	New Milford	Hydro (Pump Storage)	29.35	29.00	1/1/1928
Scotland #1	FirstLight Hydro Generating Co.	Windham	Hydro (Run of River)	0.00	1.85	1/1/1937
Shepaug #1	FirstLight Hydro Generating Co.	Southbury	Hydro (Reservoir)	41.51	42.56	1/1/1955
South Meadow #5	CRRA	Hartford	Refuse	26.42	25.80	11/1/1987
South Meadow #6	CRRA	Hartford	Refuse	21.21	24.91	11/1/1987
South Meadow #11	CRRA	Hartford	Oil (Jet Fuel)	35.78	46.92	8/1/1970
South Meadow #12	CRRA	Hartford	Oil (Jet Fuel)	37.70	47.87	8/1/1970
South Meadow #13	CRRA	Hartford	Oil (Jet Fuel)	38.32	47.92	8/1/1970
South Meadow #14	CRRA	Hartford	Oil (Jet Fuel)	36.75	46.35	8/1/1970
Stevenson #1- #4	FirstLight Hydro Generating Co.	Monroe	Hydro (Reservoir)	28.31	28.90	1/1/1919
Taftville #1- #5	FirstLight Hydro Generating Co.	Norwich	Hydro (Run of River)	0.00	1.02	1/1/1906
Torrington Terminal #10	NRG	Torrington	Oil (Jet Fuel)	15.64	20.75	8/1/1967
Toutant	Toutant Hydro Power, Inc.	Putnam	Hydro (Run of River)	0.25	0.40	2/1/1994
Tunnel #1- #2	FirstLight Hydro Generating Co.	Preston	Hydro (Run of River)	0.00	1.55	1/1/1919
Tunnel #10	FirstLight Hydro Generating Co.	Preston	Oil (Jet Fuel)	16.59	21.69	1/1/1969
Wallingford Refuse (Covanta)	CRRA	Wallingford	Refuse/Oil	6.88	7.05	3/1/1989
Waterbury Generation	Waterbury Generation	Waterbury	Oil/Gas	96.35	98.75	5/21/2009
Waterside Power	Waterside Power	Stamford	Oil	68.88	70.42	10/1/2006
Willimantic #1	Willimantic Power Corp.	Willimantic	Hydro (Run of River)	0.00	0.00	6/1/1990
Willimantic #2	Willimantic Power Corp.	Willimantic	Hydro (Run of River)	0.00	0.00	6/1/1990

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Facility	Owner	Town	Fuel	Summer Rating	Winter Rating	In-Service Date
Wyre Wynd	Summit Hydro Power	Griswold	Hydro (Run of River)	0.08	1.88	4/1/1997
	Seasonal Claimed	Capability of coal fired plants		383.43	384.98	
	Seasonal Claimed	Capability of natural gas fired plants		2169.90	2425.00	
	Seasonal Claimed	Capability of oil fired plants		3081.14	3149.63	
	Seasonal Claimed	Capability of hydroelectric plants		118.18	141.17	
	Seasonal Claimed	Capability of methane fired plants		3.92	4.00	
	Seasonal Claimed	Capability of nuclear plants		2100.26	2114.31	
	Seasonal Claimed	Capability of refuse-fueled plants (inc. wood and tires)		165.06	176.96	
	Total Seasonal Claimed	Capability available for dispatch to the grid. (Lake Road is excluded from the total.)		8021.89	8396.05	
<b>Facility (self generation)</b>	<b>Owner</b>	<b>Town</b>	<b>Fuel</b>	<b>Summer Rating</b>	<b>Winter Rating</b>	<b>In-Service Date</b>
Connecticut Valley Hospital	State of Connecticut	Middletown	Oil	2.05	2.05	5/9/1999
Fairfield Hills Hospital	Fairfield Hills Hospital	Newtown	Oil	3.95	3.95	5/9/1999
Federal Paper Board	Federal Paper Board	Sprague	Oil	9.00	9.00	5/9/1999
Groton Sub Base	U.S. Navy	Groton	Oil/Gas	18.50	18.50	1/1/1966
Loctite	Loctite	Rocky Hill	Gas	1.18	1.18	4/1/1994
Norwalk Hospital	Norwalk Hospital	Norwalk	Gas	2.36	2.36	1/1/1992
Norwich State Hospital	Norwich State Hospital	Norwich	Oil	2.00	2.00	5/9/1999
Pfizer #1	Pfizer	Groton	Oil	32.50	32.50	1/1/1948
Pratt & Whitney	UTC	E. Hartford	Gas	23.80	23.80	4/1/1992
Pratt & Whitney	UTC	Middletown	Oil	1.00	1.00	5/9/1999
Smurfit-Stone Container Co.	Smurfit-Stone Container Co.	Montville	Refuse	2.00	2.00	9/1/1989
Southbury Training School	State of Connecticut	Southbury	Oil	1.50	1.50	5/9/1999
University of Conn. COGEN	State of Connecticut	Mansfield	Gas/Oil	24.90	24.90	8/1/2005
	Total Natural Gas Fired	Generation less than 1 MW each		4.42	4.42	
	Total Propane Fired	Generation less than 1 MW each		0.03	0.03	
	Total Hydroelectric	Generation less than 1 MW each		3.33	3.33	
	Total Methane Fueled	Generation less than 1 MW each		0.13	0.13	
	Total Solar (photovoltaic)	Generation less than 1 MW each		0.15	0.15	
	Total Wind Powered	Generation less than 1 MW each		0.04	0.04	

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	Total Oil Fired Generation less than 1 MW each		0.01	0.01
	Generation retained by facility		132.85	132.85
	Total MWs of generation in Connecticut.		8154.74	8528.90

## Appendix A Existing Generation (listed by fuel type)

Facility	Owner	Town	Fuel	Summer Rating	Winter Rating	In-Service Date
AES Thames	AES Thames, Inc.	Montville	Coal	0.00	0.00	12/1/1989
Bridgeport Harbor #3	PSEG Power, LLC	Bridgeport	Coal/Oil	383.43	384.98	8/1/1968
Aetna Capitol District (CDECCA)	Capitol District Energy Ctr.	Hartford	Gas	55.25	61.33	11/1/1988
Bridgeport Energy	Bridgeport Energy LLC	Bridgeport	Gas	454.43	533.68	8/1/1998
Devon #11	NRG	Milford	Gas	29.30	38.82	10/1/1996
Devon #12	NRG	Milford	Gas	29.23	38.44	10/1/1996
Devon #13	NRG	Milford	Gas	29.97	38.97	10/1/1996
Devon #14	NRG	Milford	Gas	29.70	40.27	10/1/1996
Dexter	Alstom	Windsor Locks	Gas	3.58	31.40	5/1/1990
Kimb Rocky River	Kimberly Clark Corporation	New Milford	Gas	12.64	15.13	7/15/2008
Kleen Energy	Kleen Energy	Middletown	Gas/Oil	620.00	620.00	7/12/2011
Middletown #12	NRG	Middletown	Gas	46.90	49.20	6/24/2011
Middletown #13	NRG	Middletown	Gas	46.90	49.20	6/23/2011
Middletown #14	NRG	Middletown	Gas	46.90	49.20	6/1/2011
Middletown #15	NRG	Middletown	Gas	46.90	49.20	6/1/2011
PPL Wallingford Unit #1	PPL EnergyPlus, LLC	Wallingford	Gas	42.30	48.41	8/1/2001
PPL Wallingford Unit #2	PPL EnergyPlus, LLC	Wallingford	Gas	42.30	48.24	8/1/2001
PPL Wallingford Unit #3	PPL EnergyPlus, LLC	Wallingford	Gas	42.30	47.84	8/1/2001
PPL Wallingford Unit #4	PPL EnergyPlus, LLC	Wallingford	Gas	42.30	47.19	8/1/2001
PPL Wallingford Unit #5	PPL EnergyPlus, LLC	Wallingford	Gas	42.30	49.00	8/1/2001
Lake Road #1	Lake Road Generating Co., L.P.	Killingly	Gas/Oil	245.79	281.42	7/1/2001
Lake Road #2	Lake Road Generating Co., L.P.	Killingly	Gas/Oil	251.21	286.84	11/1/2001
Lake Road #3	Lake Road Generating Co., L.P.	Killingly	Gas/Oil	248.01	276.78	5/1/2002
Milford Power #1	Milford Power Company, LLC	Milford	Gas/Oil	253.61	281.85	2/12/2004
Milford Power #2	Milford Power Company, LLC	Milford	Gas/Oil	253.09	287.63	6/1/2004
Bantam #1	FirstLight Hydro Generating Co.	Litchfield	Hydro (Run of River)	0.00	0.12	1/1/1905
Bulls Bridge #1- #6	FirstLight Hydro Generating Co.	New Milford	Hydro (Pondage)	0.00	5.97	1/1/1903
Colebrook	MDC	Colebrook	Hydro (Pondage)	0.00	0.62	3/1/1988
Dayville Pond	Summit Hydro Power	Killingly	Hydro (Run of River)	0.00	0.06	3/1/1995
Derby Dam	McCallum Enterprises	Shelton	Hydro (Run of River)	7.05	7.05	3/1/1989
Falls Village #1- #3	FirstLight Hydro Generating Co.	Canaan	Hydro (Pondage)	0.00	6.12	1/1/1914
Glen Falls	Summit Hydro Power	Plainfield	Hydro (Run of River)	0.00	0.00	3/1/1998
Goodwin Dam	MDC	Hartland	Hydro (Run of River)	3.00	3.00	2/1/1986
Kinneytown A	Kinneytown Hydro Co.	Ansonia	Hydro (Run of River)	0.00	0.00	3/1/1988
Kinneytown B	Kinneytown Hydro Co.	Seymour	Hydro (Run of River)	0.20	0.67	11/1/1986

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Mechanicsville	Saywatt Hydro Associates	Thompson	Hydro (Run of River)	0.00	0.19	9/1/1995
Norwich 2nd St./Greenville Dam	CMEEC	Norwich	Hydro	0.00	0.00	10/1/1998
Norwich 10th St.	CMEEC	Norwich	Hydro	0.00	0.00	1/1/1966
Putnam	Putnam Hydropower, Inc.	Putnam	Hydro (Run of River)	0.07	0.53	10/1/1987
Quinebaug	Quinebaug Associates LLC	Killingly	Hydro (Run of River)	0.05	1.35	9/1/1990
Rainbow Dam #1- #2	Farmington River Power Co.	Windsor	Hydro (Run of River)	8.20	8.20	1/1/1980
Robertsville #1- #2	FirstLight Hydro Generating Co.	Colebrook	Hydro (Run of River)	0.00	0.02	1/1/1924
Rocky Glen/Sandy Hook Hydro	Rocky Glen Hydro LP	Newtown	Hydro (Run of River)	0.11	0.11	4/1/1989
Rocky River	FirstLight Hydro Generating Co.	New Milford	Hydro (Pump Storage)	29.35	29.00	1/1/1928
Scotland #1	FirstLight Hydro Generating Co.	Windham	Hydro (Run of River)	0.00	1.85	1/1/1937
Shepaug #1	FirstLight Hydro Generating Co.	Southbury	Hydro (Reservoir)	41.51	42.56	1/1/1955
Stevenson #1- #4	FirstLight Hydro Generating Co.	Monroe	Hydro (Reservoir)	28.31	28.90	1/1/1919
Taftville #1- #5	FirstLight Hydro Generating Co.	Norwich	Hydro (Run of River)	0.00	1.02	1/1/1906
Toutant	Toutant Hydro Power, Inc.	Putnam	Hydro (Run of River)	0.25	0.40	2/1/1994
Tunnel #1- #2	FirstLight Hydro Generating Co.	Preston	Hydro (Run of River)	0.00	1.55	1/1/1919
Willimantic #1	Willimantic Power Corp.	Willimantic	Hydro (Run of River)	0.00	0.00	6/1/1990
Willimantic #2	Willimantic Power Corp.	Willimantic	Hydro (Run of River)	0.00	0.00	6/1/1990
Wyre Wynd	Summit Hydro Power	Griswold	Hydro (Run of River)	0.08	1.88	4/1/1997
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East Windsor NORCAP LFG	East Windsor NORCAP	East Windsor	Landfill Gas (Methane)	0.98	0.90	5/7/2007
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Montville #10 & #11	NRG	Montville	Oil (Diesel)	5.30	5.35	1/1/1967
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Norden #2	CMEEC	East Norwalk	Oil	1.95	1.95	2/26/2009
Norden #3	CMEEC	East Norwalk	Oil	1.94	1.94	2/26/2009
Norwalk Harbor #1	NRG	Norwalk	Oil	162.00	164.00	1/1/1960
Norwalk Harbor #2	NRG	Norwalk	Oil	168.00	172.00	1/1/1963
Norwalk Harbor #10 (3)	NRG	Norwalk	Oil (Diesel)	11.93	17.06	10/1/1996
Norwich Jet	CMEEC	Norwich	Oil	15.26	18.80	9/1/1972
Norwich Wasterwater Treatment	CMEEC	Norwich	Oil (Diesel)	2.00	2.00	5/29/2008
South Meadow #11	CRRA	Hartford	Oil (Jet Fuel)	35.78	46.92	8/1/1970
South Meadow #12	CRRA	Hartford	Oil (Jet Fuel)	37.70	47.87	8/1/1970
South Meadow #13	CRRA	Hartford	Oil (Jet Fuel)	38.32	47.92	8/1/1970
South Meadow #14	CRRA	Hartford	Oil (Jet Fuel)	36.75	46.35	8/1/1970
Torrington Terminal #10	NRG	Torrington	Oil (Jet Fuel)	15.64	20.75	8/1/1967
Tunnel #10	FirstLight Hydro Generating Co.	Preston	Oil (Jet Fuel)	16.59	21.69	1/1/1969
Waterside Power	Waterside Power	Stamford	Oil	68.88	70.42	10/1/2006
Middletown #2	NRG	Middletown	Oil/Gas	117.00	120.00	1/1/1958
Middletown #3	NRG	Middletown	Oil/Gas	233.68	244.40	1/1/1964
Montville #5	NRG	Montville	Oil/Gas	81.00	81.59	1/1/1954
New Haven Harbor #1	PSEG Power, LLC	New Haven	Oil/Gas	447.89	453.38	8/1/1975
Pierce	CMEEC	Wallingford	Oil/Gas	74.09	94.59	10/1/2007
Waterbury Generation	Waterbury Generation	Waterbury	Oil/Gas	96.35	98.75	5/21/2009
Bristol Refuse	Ogden Martin Systems-CT	Bristol	Refuse	12.22	12.40	5/1/1988
South Meadow #5	CRRA	Hartford	Refuse	26.42	25.80	11/1/1987
South Meadow #6	CRRA	Hartford	Refuse	21.21	24.91	11/1/1987
Wallingford Refuse (Covanta)	CRRA	Wallingford	Refuse/Oil	6.88	7.05	3/1/1989
Exeter	Oxford Energy, Inc.	Sterling	Refuse (Tires)	9.50	16.80	12/1/1991



## Appendix A Existing Generation (listed by fuel type)

Facility	Owner	Town	Fuel	Summer Rating	Winter Rating	In-Service Date
Bridgeport (Wheelabrator)	CRRA	Bridgeport	Wood/Refuse	59.27	59.87	4/1/1988
Lisbon Resource Recovery	Riley Energy Systems	Lisbon	Wood/Refuse	13.46	13.61	1/1/1996
Preston RRF	SCRFF	Preston	Wood/Refuse	16.10	16.52	1/1/1992
Pinchbeck	William Pinchbeck, Inc.	Guilford	Wood/Refuse	0.00	0.00	7/1/1987
	Seasonal Claimed Capability of coal fired plants			383.43	384.98	
	Seasonal Claimed Capability of natural gas fired plants			2169.90	2425.00	
	Seasonal Claimed Capability of oil fired plants			2951.54	3003.83	
	Seasonal Claimed Capability of hydroelectric plants			118.18	141.17	
	Seasonal Claimed Capability of methane fired plants			3.92	4.00	
	Seasonal Claimed Capability of nuclear plants			2100.26	2114.31	
	Seasonal Claimed Capability of refuse-fueled plants (inc. wood and tires)			165.06	176.96	
	Total Seasonal Claimed Capability dispatchable to the grid exc. Lake Road.			7892.29	8250.25	
<b>Facility (self generation)</b>	<b>Owner</b>	<b>Town</b>	<b>Fuel</b>	<b>Summer Rating</b>	<b>Winter Rating</b>	<b>In-Service Date</b>
Locitite	Locitite	Rocky Hill	Gas	1.18	1.18	4/1/1994
Norwalk Hospital	Norwalk Hospital	Norwalk	Gas	2.36	2.36	1/1/1992
Pratt & Whitney	UTC	E. Hartford	Gas	23.80	23.80	4/1/1992
Connecticut Valley Hospital	State of Connecticut	Middletown	Oil	2.05	2.05	5/9/1999
Fairfield Hills Hospital	Fairfield Hills Hospital	Newtown	Oil	3.95	3.95	5/9/1999
Federal Paper Board	Federal Paper Board	Sprague	Oil	9.00	9.00	5/9/1999
Norwich State Hospital	Norwich State Hospital	Norwich	Oil	2.00	2.00	5/9/1999
Pfizer #1	Pfizer	Groton	Oil	32.50	32.50	1/1/1948
Pratt & Whitney	UTC	Middletown	Oil	1.00	1.00	5/9/1999
Southbury Training School	State of Connecticut	Southbury	Oil	1.50	1.50	5/9/1999
Groton Sub Base	U.S. Navy	Groton	Oil/Gas	18.50	18.50	1/1/1966
Smurfit-Stone Container Co.	Smurfit-Stone Container Co.	Montville	Refuse	2.00	2.00	9/1/1989
University of Conn. COGEN	State of Connecticut	Mansfield	Gas/Oil	24.90	24.90	8/1/2005
	Total Natural Gas and Propane Fired Generation less than 1 MW each			4.45	4.45	
	Total Hydroelectric Generation less than 1 MW each			3.33	3.33	
	Total Methane Fueled Generation less than 1 MW each			0.13	0.13	
	Total Solar (photovoltaic) Generation less than 1 MW each			0.15	0.15	
	Total Wind Powered Generation less than 1 MW each			0.04	0.04	
	Total Oil Powered Generation less than 1 MW each			0.01	0.01	
	Generation retained by facility			132.85	132.85	
	Total MWs of generation in Connecticut.			8025.14	8383.10	

## Appendix B Planned Transmission Lines in Connecticut

Planned/Proposed Transmission Lines in Connecticut	Utility	Length (miles)	Voltage (kV)	Estimated In Service Date
#8300 Line Reconfiguration Project	UI		115	2013
North Bloomfield S/S, Bloomfield - CT/MA Border, Granby (1)	CL&P	8.7	115	2013
North Bloomfield S/S, Bloomfield - CT/MA Border, Suffield (1)	CL&P	11.9	115	2013
North Bloomfield S/S, Bloomfield - CT/MA Border, Suffield (1)	CL&P	11.9	115	2013
Naugatuck Valley Reliability Improvement Project (Shelton and Derby)	UI		115	2014
Pequonnock Fault Duty Mitigation Project (Bridgeport)	UI		115	2015
Frost Bridge S/S, Watertown - Stevenson S/S, Monroe (replace structures)	CL&P	20.5	115	2014
Montville S/S, Montville - CL&P/CMEEC Border, Ledyard (line sag elimination)	CL&P	6.8	115	2015
North Bloomfield S/S, Bloomfield - CT/MA Border, Suffield (1)	CL&P	12.0	345	2013
Manchester S/S, Manchester - Meekville Jct., Manchester (Split 3 - terminal line)	CL&P	2.7	345	2013
Millstone S/S, Waterford - Card S/S, Lebanon (circuit separation)	CL&P	2.0	345	2013
Millstone S/S, Waterford - Haddam/Beseck S/S, Haddam/Wallingford (circuit separation)	CL&P	4.0	345	2013
Millstone S/S, Waterford - Manchester S/S, Manchester (partial circuit separation)	CL&P	4.0	345	2013
Millstone S/S, Waterford - Montville S/S, Montville (circuit separation)	CL&P	2.0	345	2013
Card S/S, Lebanon - Lake Road S/S, Killingly (2)	CL&P	29.3	345	2015
Lake Road S/S, Killingly - CT/RI Border, Thompson (2)	CL&P	7.6	345	2015
Frost Bridge S/S, Watertown - North Bloomfield, Bloomfield (3)	CL&P	35.4	345	2017
Manchester S/S, Manchester - East Hartford S/S, East Hartford (new)	CL&P	3.2	115	TBD
Glenbrook S/S, Stamford - South End S/S, Stamford (new underground cables)	CL&P	TBD	115	TBD
Millstone S/S, Waterford - Manchester S/S and Card Substation, Manchester and Lebanon, (loop 310 line into Card S/S)	CL&P	N/A	345	TBD
(1) Related to Greater Springfield Reliability NEEWS Project				
(2) Related to Interstate Reliability NEEWS project				
(3) Related to Central Connecticut Reliability NEEWS project				

## Appendix C Planned Substations

Appendix C: Planned Substation and Switching Station Projects	Voltage (kV)	Est. In-Service Date	Utility	Status
Install the new Sherwood Substation in Westport	115	2012	CL&P	Under Construction
Modify the existing Newtown Substation in Newtown	115	2012	CL&P	Concept
Modify the existing South End Substation in Stamford	115	2013	CL&P	Planned
Install new Union Avenue-Metro North Substation in New Haven	115	2012	UI	Approved
Modify the existing East Shore Substation in New Haven	115	2013	UI	Approved
Modify the existing North Bloomfield Substation in Bloomfield (3)	345	2013	CL&P	Under Construction
Modify the existing South Meadow Substation in Hartford	115	2013	CL&P	Planned
Install a new Substation in Shelton	115	2014	UI	Planned
Modify the existing Norwalk Substation in Norwalk	115	2014	CL&P	Concept
Modify the existing Canal Substation in Southington	115	2015	CL&P	Concept
Modify the Uncasville Substation in Montville	115	2015	CL&P	Concept
Modify the existing Card Substation in Lebanon (1)	345	2015	CL&P	Planned
Modify the existing Lake Road Substation in Killingly (1)	345	2015	CL&P	Planned
Modify the existing North Bloomfield Substation in Bloomfield	115	2015	CL&P	Concept
Modify the existing Pequotnook Substation in Bridgeport	115	2015	UI	
Modify the existing Frost Bridge Substation in Watertown (2)	345	2017	CL&P	Planned
Install the new Greenwich Substation in Greenwich	115	2017	CL&P	Concept
Install a new Substation in Fairfield	115	2020	UI	Concept
Modify the existing Northeast Simsbury Substation in Simsbury	115	TBD	CL&P	Planned
Install a new Substation in South Norwalk	115	TBD	CMEEC	Planned
(1) Related to Interstate Reliability NEEWS project				
(2) Related to Central Connecticut Reliability NEEWS project				
(3) Related to the Greater Springfield Reliability NEEWS project				