2014
Load & Capacity Data

A report by

The New York Independent System Operator

"Gold Book"

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NEW YORK INDEPENDENT SYSTEM OPERATOR

2014
LOAD & CAPACITY DATA

TABLE OF CONTENTS

OVERVIEW

This report presents the New York Independent System Operator, Inc. (NYISO) load and capacity data for the years 2014-2024. The seven sections of this *Load and Capacity Data* report (*Gold Book*) address the following topics:

- **Historic and forecast peak demand, energy usage, and energy efficiency;**
- **Existing and proposed generation and other capacity resources; and**
- **Existing and proposed transmission facilities.**

Historic and Forecast Baseline Load

A salient feature of New York Control Area (NYCA) wholesale electricity usage over the past five years is that the growth rate of energy usage has been lower than the growth rate of peak demand.[1] This is evidenced by a gradual decline of load factors statewide, with the rate of decline being relatively lower in the Downstate zones. The 2014 load forecast follows the historical trend and, in addition, projects that load factors will continue to fall as the gap between energy and summer peak demand trends widens due to what appears to be structural slowing of the growth in energy usage. As a result the NYCA baseline forecast for the 2014 summer peak is 33,666 MW, which is 0.50% higher than the weather-normalized summer peak for 2013. The baseline forecast of energy usage for 2014 is 163,161 GWh, which is 0.20% lower than the weather-normalized energy usage in 2013.

The lower forecasted growth in energy usage can largely be attributed to the projected impact of energy efficiency programs, customer-sited solar photovoltaic installations (retail solar PV) [2], and a slow recovery from the economic recession that began in 2008.

The NYISO employs a two-stage process in developing load forecasts for each of the 11 zones within the NYCA. In the first stage, zonal load forecasts are based upon econometric

[1] The average growth rate of the NYCA summer coincident peak over the period 2009-2013 was 2.43% and the average growth rate of energy usage over the same period was 0.74%.

[2] Retail solar PV refers to small-scale solar powered photo-voltaic systems which generate electric energy and are installed at retail customer sites or locations on the customer's side of the meter, rather than large-scale systems which are interconnected to the bulk power system.

projections. In the second stage, the NYISO adjusts the econometric forecasts by incorporating projected energy reductions resulting from statewide energy efficiency programs[3], modified new building codes and appliance efficiency standards, the impact of retail solar PV, and rising load due to greater penetration of electric vehicles. The impact of retail solar PV on both energy usage and peak demand is new this year, due to the approval of state funding for new solar initiatives.

Generation and Other Capacity Resources

The total resource capability in the NYCA for the summer of 2014 is 41,297 MW, which is a decrease of 155 MW from summer 2013 due to the net impact of additions, uprates, revised unit ratings, retirements[4], changes in Special Case Resources (SCR), and changes in net purchases of capacity from other control areas. The total resource capability includes existing NYCA capacity (37,978 MW), SCR (1,189 MW), and long-term purchases and sales with neighboring control areas (2,130 MW)[5]. The existing NYCA capability includes wind generation (1,463 MW[6]) and non-wind renewable generation (508 MW including 31 MW of large-scale solar PV).

Since the 2013 *Gold Book*, 122 MW of summer capacity has been retired or mothballed, compared with 1,694 MW in the prior year. There are also units which are in transitional states: e.g. some units provided notice of intent to mothball, but are operating under Reliability Support Services agreements. There are also units that have filed petitions with the New York Public Service Commission requesting a return to service, or have submitted letters of intent to undertake modifications to resume operation.

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[3] New York's '45x15' clean energy goal challenges the State to meet 30% of its 2007 forecast of electric energy needs in 2015 through renewable energy, and 15% by increased energy efficiency (a targeted reduction of approximately 26,900 GWh from the 2007 base year). As part of that effort, the New York Public Service Commission established the Energy Efficiency Portfolio Standard (EEPS). Through its participation in the EEPS Evaluation Advisory Group, the NYISO has been involved in activities directed toward the measurement and verification of the impacts obtained through the EEPS. Under a recent PSC order restructuring the EEPS programs, the NYISO will continue its measurement and verification activities as an *ex officio* member of a new E2 group.

[4] The term "retirement" is defined per PSC Order in Case 05-E-0889, footnote 1: 'The Instituting Order defined "retirements" to collectively include shut-downs, abandonments, mothballing, and other circumstances where a generating unit is taken out of service for a substantial period of time, excluding scheduled maintenance and forced outages.'

[5] Additional information on these changes is provided in Section II.

[6] This value represents the amount of wind resources that participate in the NYISO's capacity markets. There is a total of 1,730 MW of wind resources interconnected to the NYCA system.

A continuing review of publicly available information has led to the reclassification of some units that were previously identified as being fueled by natural gas, fuel oil, or gas and oil (i.e. dual-fuel). Currently, there are 17,627 MW of dual-fueled existing capacity with the capability of burning natural gas or fuel oil. Dependable Maximum Net Capability (DMNC) is reported in Table III-2. The NYISO does not specify the fuel to be used in DMNC testing.

Beyond 2014, the resource capability in the NYCA will be affected by the net effect of additions of new generation, re-ratings of operating units, and the retirement of existing generators. Currently, the list of proposed projects that have completed, are enrolled in, or are candidates to enter a Class Year Interconnection Facilities Study, or have met other comparable milestones, are shown in Table IV-1. Of this total, 3,461 MW are fossil fuel projects, 1,044 MW are wind turbine projects and 22 MW are non-wind renewable energy projects. Additionally, based on publicly available information, 806 MW of summer capacity can potentially be retired or mothballed by 2017.

Transmission Facilities

This report lists all existing transmission facilities in the NYCA. It also includes several new transmission facilities that came into service since the publication of the 2013 *Gold Book*. The list of proposed transmission facilities includes merchant projects as well as firm and non-firm projects submitted by each transmission owner.

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SECTION I:

ANNUAL ENERGY & PEAK DEMAND:
HISTORY & FORECASTS

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Section I

This section of the 2014 *Gold Book* presents forecasts and actual data on energy and peak demand. The baseline forecasts include the impact of energy efficiency programs as well as the impact of behind-the-meter generation attributed to retail solar PV installations.

The NYCA baseline energy forecast for the period 2014-2024 reflects an annual average growth rate of 0.16%. In last year's report, the forecasted growth rate for annual energy for the period 2013-2023 was 0.47%. The energy growth rate in the 2014 forecast is lower than in 2013 due largely to the projected impact of energy efficiency programs, retail solar PV, and a slow recovery from the economic recession during the years 2008-2010. Over the period 2004-2013 the average historic growth rate for annual energy consumption has been 0.23%. The NYCA baseline summer peak coincident demand forecast developed for this report reflects an average annual growth rate of 0.83% for the years 2014 through 2024. In last year's report, the annual average growth rate forecast for peak coincident demand was 0.96% for the years 2013 through 2023. Over the period 2004-2013, the average historic growth rate for summer peak coincident demand has been 1.99%. Due to a very cool summer, the summer coincident peak was relatively low in 2004. As a result, the historical annual average growth rate of the summer peak demand is noticeably higher than the forecasted value.

The 2014 energy forecast for New York City (Zone J) is growing at an annual average rate of -0.18%, which is a notable change from the 2013 forecast which projected an average growth rate of 0.49%. Over the period 2004-2013, New York City’s annual energy grew, on average, at the rate of 0.26%. The 2014 energy forecast growth for Long Island (Zone K) is, on average, 0.60%, which is lower than the 2013 forecasted average growth rate of 1.16%. Over the period 2004-2013, Long Island’s annual energy grew at an average rate of 0.04%. The 2014 energy forecast growth for the Lower Hudson Valley (Zones G, H, and I) is, on average, -0.07%. Over the period 2004-2013, Lower Hudson Valley’s energy grew at an average rate of 0.03%. The 2014 energy usage forecast growth for the Upstate Region (Zones A through F) is,

on average, 0.33%. Over the period 2004-2013, Upstate's energy usage grew at an average rate of 0.34%.

Coincident peaks are used to study system-wide conditions. The 2014 coincident summer peak forecast for New York City (Zone J) is growing at an annual average rate of 1.13%, a decline from the 2013 forecast of 1.18%. Since 2004, New York City's coincident summer peak has grown, on average, at the rate of 1.82%[7]. The 2014 coincident summer peak forecast growth for Long Island (Zone K) is, on average, 0.75%, a decline from the 2013 forecast of 1.10%. Since 2004, Long Island's coincident summer peak has grown, on average, at the rate of 2.77%. The 2014 coincident summer peak forecast growth for the Lower Hudson Valley (Zones G, H, and I) is, on average, 0.53%. Since 2004, Lower Hudson Valley's coincident summer peak grew at an average rate of 2.15%. The 2014 coincident summer peak forecast growth for the Upstate Region (Zones A through F) is, on average, 0.69%. Since 2004, Upstate's coincident summer peak grew at an average rate of 1.76%.

Non-coincident peaks are used to study conditions in individual zones and localities. The 2014 non-coincident summer peak forecast for New York City (Zone J) is growing at an annual average rate of 1.13%, decline from the 2013 forecast of 1.18%. Since 2004, New York City's non-coincident summer peak has grown, on average, at the rate of 1.79%. The 2014 non-coincident summer peak forecast growth for Long Island (Zone K) is, on average, 0.75%, which is lower than last year's forecasted average growth rate of 1.09%. Since 2004, Long Island's non-coincident summer peak has grown, on average, at the rate of 2.19%. The 2014 non-coincident summer peak forecast growth for the Lower Hudson Valley (Zones G, H, and I) is, on average, 0.75%. Since 2004, Lower Hudson Valley's non-coincident summer peak grew at an average rate of 2.18%. The 2014 non-coincident summer peak forecast growth for the Upstate Region (Zones A through F) is, on average, 0.50%. Since 2004, Upstate's non-coincident summer peak grew at an average rate of 1.55%.

[7] The historic growth rates reported here for New York City and other sub-regions of the NYCA are based on actual peak demands and not weather-adjusted values.

The NYISO employs a two-stage process in developing load forecasts for each of the 11 zones within the NYCA. In the first stage, zonal load forecasts are based upon econometric projections prepared in March 2014. The econometric forecast is reported in Tables I-3a and I-3b. In the second stage, the NYISO adjusts the econometric forecasts by incorporating projected energy reductions resulting from statewide energy efficiency programs, new building codes and appliance efficiency standards, the impact of retail solar PV, and rising load due to greater penetration of electric vehicles. The NYISO's baseline forecast is reported in Tables I-1, I-2a, and I-2b. In addition to the baseline forecast, the NYISO provides high and low forecasts for each zone that represent a range of weather conditions.

Each year, the NYISO develops an independent projection of the extent to which statewide energy efficiency programs, building codes and appliance efficiency standards will impact electricity usage throughout the state. This projection includes new and updated information about the performance of such programs provided by the New York State Department of Public Service, the New York State Energy Research and Development Authority, state power authorities, electric utilities, and through the NYISO's participation in the Energy Efficiency Portfolio Standard Evaluation Advisory Group.

This year, due to the approval of state funding for new solar initiatives, the NYISO also developed a forecast of the impact of retail solar PV on both energy usage and peak demand. Our forecast reflects a combination of data submitted by Transmission Owners for their respective territories and a projection prepared by the NYISO. The NYISO’s forecast is based upon an assumed trend of retail solar PV installations over time, a geographical distribution of the retail units, and performance parameters derived from operational data from existing facilities.

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Table I-1: NYCA Energy and Demand Forecasts with Impacts of Energy Efficiency and Retail Solar PV

2014 Long Term Forecast - 2014 to 2024

Energy - GWh

Year	Low	Baseline	High
2013		163,486	
2014	160,720	163,161	165,602
2015	160,771	163,214	165,657
2016	161,454	163,907	166,360
2017	161,157	163,604	166,051
2018	161,301	163,753	166,205
2019	161,850	164,305	166,760
2020	162,638	165,101	167,564
2021	162,372	164,830	167,288
2022	162,513	164,975	167,437
2023	162,646	165,109	167,572
2024	163,248	165,721	168,194

Summer Coincident Peak Demand - MW

Year	Low	Baseline	High
2013		33,497	
2014	30,583	33,666	35,976
2015	30,947	34,066	36,397
2016	31,263	34,412	36,764
2017	31,587	34,766	37,142
2018	31,899	35,111	37,506
2019	32,213	35,454	37,870
2020	32,394	35,656	38,089
2021	32,608	35,890	38,338
2022	32,823	36,127	38,592
2023	33,039	36,369	38,850
2024	33,231	36,580	39,073

Winter Coincident Peak Demand - MW

Year	Low	Baseline	High
2013-14		24,610	
2014-15	23,141	24,737	26,333
2015-16	23,193	24,795	26,397
2016-17	23,251	24,856	26,461
2017-18	23,297	24,906	26,515
2018-19	23,354	24,966	26,578
2019-20	23,482	25,104	26,726
2020-21	23,552	25,177	26,802
2021-22	23,621	25,252	26,883
2022-23	23,700	25,334	26,968
2023-24	23,786	25,427	27,068
2024-25	23,888	25,537	27,186

Average Annual Growth - Percent

Period	Low	Baseline	High
2014-24	0.16%	0.16%	0.16%
2014-19	0.14%	0.14%	0.14%
2019-24	0.17%	0.17%	0.17%

Period	Low	Baseline	High
2014-24	0.83%	0.83%	0.83%
2014-19	1.04%	1.04%	1.03%
2019-24	0.62%	0.63%	0.63%

Period	Low	Baseline	High
2014-24	0.32%	0.32%	0.32%
2014-19	0.29%	0.29%	0.30%
2019-24	0.34%	0.34%	0.34%

Notes

-- All results in the Section I tables include transmission & distribution losses and exclude station power and other Local Generation.

-- Summer Capability period is from May 1 to October 31. Winter Capability period is from November 1 of the current year to April 30 of the next year.

-- The low and high forecasts are at the 10th and 90th percentiles for extreme weather conditions, respectively.

-- Energy and Peak figures for 2013 are weather-normalized. The actual levels for the energy, Summer peak, and Winter peak are, respectively, 163,514 GWh, 33,956 MW, and 25,738 MW.

-- 2014 NYCA summer peak is the same as the 2014 ICAP forecast.

Table I-2a: Baseline Forecast of Annual Energy & Coincident Peak Demand

Includes Impacts of Statewide Energy Efficiency Programs & Retail Solar PV

Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014	15,837	10,011	16,342	6,027	8,153	11,993	9,979	2,957	6,157	53,498	22,207	163,161
2015	15,870	10,005	16,372	6,042	8,167	12,043	10,025	2,946	6,132	53,284	22,328	163,214
2016	15,942	10,025	16,441	6,072	8,214	12,128	10,062	2,953	6,146	53,402	22,522	163,907
2017	15,913	9,993	16,423	6,066	8,233	12,148	10,040	2,938	6,116	53,144	22,590	163,604
2018	15,925	9,988	16,447	6,075	8,277	12,201	10,038	2,931	6,105	53,046	22,720	163,753
2019	15,942	9,985	16,475	6,493	8,319	12,256	10,026	2,927	6,092	52,940	22,850	164,305
2020	16,012	10,009	16,553	6,721	8,395	12,334	10,042	2,927	6,096	52,969	23,043	165,101
2021	15,988	9,980	16,546	6,711	8,431	12,345	10,008	2,916	6,068	52,727	23,110	164,830
2022	15,998	9,979	16,583	6,717	8,480	12,391	9,999	2,910	6,056	52,622	23,240	164,975
2023	16,007	9,979	16,615	6,722	8,524	12,439	9,989	2,903	6,044	52,517	23,370	165,109
2024	16,060	10,009	16,696	6,744	8,608	12,525	10,004	2,905	6,049	52,556	23,565	165,721

Forecast of NYCA Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014	2,674	2,054	2,896	703	1,434	2,374	2,290	689	1,507	11,643	5,402	33,666
2015	2,688	2,062	2,916	705	1,449	2,405	2,309	684	1,493	11,907	5,448	34,066
2016	2,710	2,077	2,942	707	1,464	2,437	2,324	688	1,501	12,070	5,492	34,412
2017	2,733	2,093	2,972	710	1,483	2,475	2,336	688	1,506	12,238	5,532	34,766
2018	2,748	2,103	2,993	715	1,499	2,503	2,347	694	1,518	12,421	5,570	35,111
2019	2,756	2,110	3,009	789	1,512	2,529	2,355	702	1,534	12,549	5,609	35,454
2020	2,763	2,112	3,020	793	1,523	2,547	2,363	706	1,542	12,638	5,649	35,656
2021	2,769	2,115	3,033	797	1,536	2,570	2,370	709	1,554	12,747	5,690	35,890
2022	2,773	2,117	3,044	801	1,547	2,595	2,377	724	1,582	12,836	5,731	36,127
2023	2,777	2,121	3,055	805	1,558	2,624	2,383	730	1,594	12,945	5,777	36,369
2024	2,780	2,124	3,067	809	1,572	2,649	2,388	734	1,607	13,029	5,821	36,580

Forecast of NYCA Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014-15	2,382	1,575	2,608	858	1,323	1,905	1,554	538	935	7,529	3,530	24,737
2015-16	2,391	1,577	2,615	860	1,325	1,914	1,564	538	934	7,537	3,540	24,795
2016-17	2,399	1,580	2,621	863	1,327	1,925	1,568	540	939	7,544	3,550	24,856
2017-18	2,406	1,583	2,628	862	1,332	1,935	1,572	539	937	7,552	3,560	24,906
2018-19	2,413	1,587	2,636	863	1,338	1,947	1,576	540	937	7,559	3,570	24,966
2019-20	2,423	1,591	2,645	934	1,345	1,961	1,580	540	938	7,567	3,580	25,104
2020-21	2,433	1,596	2,654	937	1,355	1,972	1,583	542	941	7,574	3,590	25,177
2021-22	2,444	1,602	2,667	936	1,365	1,985	1,589	542	940	7,582	3,600	25,252
2022-23	2,455	1,608	2,679	936	1,377	2,000	1,597	542	940	7,590	3,610	25,334
2023-24	2,468	1,617	2,692	937	1,389	2,017	1,607	542	941	7,597	3,620	25,427
2024-25	2,484	1,628	2,709	939	1,402	2,037	1,618	543	942	7,605	3,630	25,537

Note: The summer and winter zonal peaks conform to the NYCA Coincident Peak for a given year.

Table I-2b-1: Baseline Forecast of Zonal Non-Coincident Peak Demand

Includes Impacts of Statewide Energy Efficiency Programs & Retail Solar PV

Forecast of Non-Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K
2014	2,717	2,095	2,935	773	1,484	2,398	2,317	698	1,525	11,783	5,496
2015	2,731	2,103	2,955	775	1,500	2,429	2,337	692	1,511	12,050	5,543
2016	2,753	2,119	2,982	778	1,515	2,461	2,352	696	1,519	12,215	5,588
2017	2,777	2,135	3,012	781	1,535	2,500	2,364	696	1,524	12,385	5,629
2018	2,792	2,145	3,033	787	1,551	2,528	2,375	702	1,536	12,570	5,668
2019	2,800	2,152	3,050	861	1,565	2,554	2,383	710	1,552	12,700	5,708
2020	2,807	2,154	3,061	866	1,576	2,572	2,391	714	1,561	12,790	5,748
2021	2,813	2,157	3,074	870	1,590	2,596	2,398	718	1,573	12,900	5,789
2022	2,817	2,159	3,085	874	1,601	2,621	2,406	733	1,601	12,990	5,831
2023	2,821	2,163	3,096	878	1,613	2,650	2,412	739	1,613	13,100	5,879
2024	2,824	2,166	3,108	883	1,627	2,675	2,417	743	1,626	13,185	5,923

Forecast of Non-Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K
2014-15	2,411	1,583	2,613	871	1,339	1,932	1,562	557	955	7,597	3,591
2015-16	2,420	1,585	2,620	872	1,341	1,941	1,571	556	953	7,605	3,602
2016-17	2,428	1,588	2,627	876	1,343	1,952	1,576	559	958	7,612	3,612
2017-18	2,435	1,591	2,634	875	1,348	1,962	1,580	558	956	7,620	3,622
2018-19	2,442	1,595	2,641	876	1,354	1,974	1,584	558	957	7,627	3,632
2019-20	2,452	1,598	2,650	947	1,361	1,988	1,588	559	958	7,635	3,642
2020-21	2,462	1,604	2,660	950	1,371	2,000	1,591	561	961	7,643	3,652
2021-22	2,473	1,609	2,672	949	1,382	2,013	1,597	561	959	7,650	3,663
2022-23	2,484	1,616	2,685	949	1,393	2,028	1,605	561	960	7,658	3,673
2023-24	2,497	1,625	2,697	950	1,405	2,045	1,614	561	961	7,666	3,683
2024-25	2,513	1,636	2,714	952	1,418	2,065	1,626	562	962	7,673	3,693

Note: The summer and winter peaks shown in these two tables are the zonal maximums.

Table I-2b-2: Baseline Forecast of Non-Coincident Peak Demand – G to J Locality

Includes Impacts of Statewide Energy Efficiency Programs & Retail Solar PV

Forecast of G-to-J Locality Non-Coincident Summer Peak by Zone - MW

Year	G	H	I	J	G-to-J
2014	2,313	697	1,522	11,759	16,291
2015	2,332	691	1,508	12,026	16,557
2016	2,347	695	1,516	12,191	16,749
2017	2,359	695	1,521	12,360	16,935
2018	2,370	701	1,533	12,545	17,149
2019	2,379	709	1,549	12,674	17,311
2020	2,387	713	1,557	12,764	17,421
2021	2,394	716	1,570	12,874	17,554
2022	2,401	731	1,598	12,964	17,694
2023	2,407	737	1,610	13,074	17,828
2024	2,412	741	1,623	13,159	17,935

Forecast of G-to-J Locality Non-Coincident Winter Peak by Zone - MW

Year	G	H	I	J	G-to-J
2014-15	1,560	553	951	7,583	10,647
2015-16	1,570	552	949	7,591	10,662
2016-17	1,574	555	954	7,598	10,681
2017-18	1,578	554	952	7,606	10,690
2018-19	1,582	554	953	7,613	10,702
2019-20	1,586	555	954	7,621	10,716
2020-21	1,589	557	957	7,629	10,732
2021-22	1,595	557	955	7,636	10,743
2022-23	1,603	557	956	7,644	10,760
2023-24	1,613	557	957	7,652	10,779
2024-25	1,624	558	958	7,659	10,799

Note: The zonal figures conform to the combined Non-Coincident Peak for the G-to-J locality.

Table I-2c: Projection of Emergency Demand Response Program Enrollment

Forecast of Reductions in Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014	13	1	14	4	15	27	0	1	0	16	3	94
2015	13	1	14	4	15	27	0	1	0	16	3	94
2016	13	1	14	4	15	27	0	1	0	16	3	94
2017	13	1	14	4	15	27	0	1	0	16	3	94
2018	13	1	14	4	15	27	0	1	0	16	3	94
2019	13	1	14	4	15	27	0	1	0	16	3	94
2020	13	1	14	4	15	27	0	1	0	16	3	94
2021	13	1	14	4	15	27	0	1	0	16	3	94
2022	13	1	14	4	15	27	0	1	0	16	3	94
2023	13	1	14	4	15	27	0	1	0	16	3	94
2024	13	1	14	4	15	27	0	1	0	16	3	94

* The facilities providing Emergency Demand Response are not considered Installed Capacity resources.

Forecast of Reductions in Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014	4	1	12	4	11	13	0	2	0	2	0	49
2015	4	1	12	4	11	13	0	2	0	2	0	49
2016	4	1	12	4	11	13	0	2	0	2	0	49
2017	4	1	12	4	11	13	0	2	0	2	0	49
2018	4	1	12	4	11	13	0	2	0	2	0	49
2019	4	1	12	4	11	13	0	2	0	2	0	49
2020	4	1	12	4	11	13	0	2	0	2	0	49
2021	4	1	12	4	11	13	0	2	0	2	0	49
2022	4	1	12	4	11	13	0	2	0	2	0	49
2023	4	1	12	4	11	13	0	2	0	2	0	49
2024	4	1	12	4	11	13	0	2	0	2	0	49

* The facilities providing Emergency Demand Response are not considered Installed Capacity resources.

Table I-2d: 90th Percentile of Baseline Forecast

Includes Impacts of Statewide Energy Efficiency Programs & Retail Solar PV

90th Percentile Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014	16,054	10,171	16,562	6,031	8,256	12,157	10,173	3,017	6,264	54,266	22,651	165,602
2015	16,087	10,165	16,593	6,046	8,271	12,208	10,220	3,006	6,238	54,048	22,775	165,657
2016	16,160	10,185	16,663	6,076	8,318	12,294	10,257	3,013	6,253	54,168	22,973	166,360
2017	16,131	10,152	16,644	6,070	8,337	12,314	10,235	2,998	6,222	53,906	23,042	166,051
2018	16,143	10,147	16,669	6,079	8,382	12,368	10,233	2,991	6,211	53,807	23,175	166,205
2019	16,160	10,144	16,697	6,497	8,425	12,424	10,221	2,987	6,198	53,700	23,307	166,760
2020	16,231	10,169	16,776	6,725	8,501	12,503	10,237	2,987	6,202	53,729	23,504	167,564
2021	16,207	10,139	16,769	6,715	8,538	12,514	10,202	2,975	6,173	53,484	23,572	167,288
2022	16,217	10,138	16,807	6,721	8,588	12,561	10,193	2,969	6,161	53,377	23,705	167,437
2023	16,226	10,138	16,839	6,726	8,632	12,609	10,183	2,962	6,149	53,270	23,838	167,572
2024	16,280	10,169	16,921	6,748	8,717	12,696	10,198	2,964	6,154	53,310	24,037	168,194

90th Percentile Forecast of NYCA Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014	2,872	2,206	3,111	755	1,540	2,580	2,489	766	1,675	12,129	5,853	35,976
2015	2,887	2,215	3,132	757	1,556	2,614	2,509	760	1,660	12,404	5,903	36,397
2016	2,911	2,231	3,160	759	1,572	2,648	2,525	765	1,669	12,573	5,951	36,764
2017	2,936	2,248	3,192	763	1,593	2,690	2,539	765	1,674	12,748	5,994	37,142
2018	2,952	2,259	3,215	768	1,610	2,720	2,550	771	1,687	12,939	6,035	37,506
2019	2,960	2,266	3,232	847	1,624	2,748	2,559	780	1,705	13,072	6,077	37,870
2020	2,968	2,268	3,244	852	1,636	2,768	2,568	785	1,714	13,165	6,121	38,089
2021	2,974	2,272	3,258	856	1,650	2,793	2,575	788	1,728	13,279	6,165	38,338
2022	2,978	2,274	3,270	860	1,662	2,820	2,583	805	1,759	13,371	6,210	38,592
2023	2,983	2,278	3,281	865	1,673	2,852	2,590	812	1,772	13,485	6,259	38,850
2024	2,986	2,281	3,294	869	1,688	2,879	2,595	816	1,786	13,572	6,307	39,073

90th Percentile Forecast of NYCA Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014-15	2,520	1,666	2,759	920	1,400	2,015	1,644	574	998	8,036	3,801	26,333
2015-16	2,530	1,668	2,767	922	1,402	2,025	1,655	574	997	8,045	3,812	26,397
2016-17	2,538	1,671	2,773	926	1,404	2,037	1,659	576	1,002	8,052	3,823	26,461
2017-18	2,546	1,675	2,780	925	1,409	2,047	1,663	575	1,000	8,061	3,834	26,515
2018-19	2,553	1,679	2,789	926	1,416	2,060	1,667	576	1,000	8,068	3,844	26,578
2019-20	2,564	1,683	2,798	1,002	1,423	2,075	1,672	576	1,001	8,077	3,855	26,726
2020-21	2,574	1,688	2,808	1,005	1,434	2,086	1,675	578	1,004	8,084	3,866	26,802
2021-22	2,586	1,695	2,822	1,004	1,444	2,100	1,681	578	1,003	8,093	3,877	26,883
2022-23	2,597	1,701	2,834	1,004	1,457	2,116	1,689	578	1,003	8,102	3,887	26,968
2023-24	2,611	1,711	2,848	1,005	1,470	2,134	1,700	578	1,004	8,109	3,898	27,068
2024-25	2,628	1,722	2,866	1,007	1,483	2,155	1,712	580	1,006	8,118	3,909	27,186

Note: Energy and demand forecasts for zones at the 90th percentile are representative of extreme high weather conditions.

Table I-2e: 10th Percentile of Baseline Forecast

Includes Impacts of Statewide Energy Efficiency Programs & Retail Solar PV

10th Percentile Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014	15,620	9,851	16,122	6,023	8,050	11,829	9,785	2,897	6,050	52,730	21,763	160,720
2015	15,653	9,845	16,151	6,038	8,063	11,878	9,830	2,886	6,026	52,520	21,881	160,771
2016	15,724	9,865	16,219	6,068	8,110	11,962	9,867	2,893	6,039	52,636	22,071	161,454
2017	15,695	9,834	16,202	6,062	8,129	11,982	9,845	2,878	6,010	52,382	22,138	161,157
2018	15,707	9,829	16,225	6,071	8,172	12,034	9,843	2,871	5,999	52,285	22,265	161,301
2019	15,724	9,826	16,253	6,489	8,213	12,088	9,831	2,867	5,986	52,180	22,393	161,850
2020	15,793	9,849	16,330	6,717	8,289	12,165	9,847	2,867	5,990	52,209	22,582	162,638
2021	15,769	9,821	16,323	6,707	8,324	12,176	9,814	2,857	5,963	51,970	22,648	162,372
2022	15,779	9,820	16,359	6,713	8,372	12,221	9,805	2,851	5,951	51,867	22,775	162,513
2023	15,788	9,820	16,391	6,718	8,416	12,269	9,795	2,844	5,939	51,764	22,902	162,646
2024	15,840	9,849	16,471	6,740	8,499	12,354	9,810	2,846	5,944	51,802	23,093	163,248

10th Percentile Forecast of NYCA Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014	2,466	1,894	2,671	648	1,323	2,154	2,078	596	1,305	10,600	4,848	30,583
2015	2,479	1,902	2,689	650	1,336	2,182	2,095	592	1,292	10,840	4,890	30,947
2016	2,499	1,916	2,713	652	1,350	2,211	2,109	596	1,299	10,989	4,929	31,263
2017	2,521	1,930	2,741	655	1,368	2,246	2,120	596	1,304	11,141	4,965	31,587
2018	2,534	1,940	2,760	659	1,383	2,271	2,130	601	1,314	11,308	4,999	31,899
2019	2,542	1,946	2,775	728	1,395	2,295	2,137	608	1,328	11,425	5,034	32,213
2020	2,548	1,948	2,785	731	1,405	2,311	2,144	611	1,335	11,506	5,070	32,394
2021	2,554	1,951	2,797	735	1,417	2,332	2,151	614	1,345	11,605	5,107	32,608
2022	2,558	1,953	2,807	739	1,427	2,355	2,157	627	1,370	11,686	5,144	32,823
2023	2,561	1,956	2,818	742	1,437	2,381	2,162	632	1,380	11,785	5,185	33,039
2024	2,564	1,959	2,829	746	1,450	2,404	2,167	635	1,391	11,862	5,224	33,231

10th Percentile Forecast of NYCA Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014-15	2,244	1,484	2,457	796	1,246	1,795	1,464	502	872	7,022	3,259	23,141
2015-16	2,252	1,486	2,463	798	1,248	1,803	1,473	502	871	7,029	3,268	23,193
2016-17	2,260	1,489	2,469	800	1,250	1,813	1,477	504	876	7,036	3,277	23,251
2017-18	2,266	1,491	2,476	799	1,255	1,823	1,481	503	874	7,043	3,286	23,297
2018-19	2,273	1,495	2,483	800	1,260	1,834	1,485	504	874	7,050	3,296	23,354
2019-20	2,282	1,499	2,492	866	1,267	1,847	1,488	504	875	7,057	3,305	23,482
2020-21	2,292	1,504	2,500	869	1,276	1,858	1,491	506	878	7,064	3,314	23,552
2021-22	2,302	1,509	2,512	868	1,286	1,870	1,497	506	877	7,071	3,323	23,621
2022-23	2,313	1,515	2,524	868	1,297	1,884	1,505	506	877	7,078	3,333	23,700
2023-24	2,325	1,523	2,536	869	1,308	1,900	1,514	506	878	7,085	3,342	23,786
2024-25	2,340	1,534	2,552	871	1,321	1,919	1,524	506	878	7,092	3,351	23,888

Note: Energy and demand forecasts for zones at the 10th percentile are representative of extreme low weather conditions.

Table I-2f: Impacts of Energy Efficiency & Retail Solar PV

Forecast of Reductions in Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014	155	124	156	10	75	117	95	22	43	373	190	1,360
2015	308	243	307	20	149	236	187	48	98	856	644	3,096
2016	435	344	434	29	210	334	265	68	145	1,261	1,114	4,639
2017	563	443	559	38	271	431	342	88	182	1,581	1,436	5,934
2018	684	537	679	47	329	525	415	97	198	1,722	1,756	6,989
2019	805	630	798	55	388	618	488	101	212	1,835	2,064	7,994
2020	926	724	917	62	446	711	561	109	224	1,948	2,351	8,979
2021	1,048	818	1,037	70	504	805	635	114	237	2,062	2,550	9,880
2022	1,167	910	1,153	77	562	897	707	120	250	2,173	2,751	10,767
2023	1,284	1,001	1,268	85	618	988	778	127	263	2,288	2,949	11,649
2024	1,400	1,090	1,380	92	674	1,077	848	133	276	2,401	3,147	12,518

Forecast of Reductions in NYCA Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014	23	17	21	1	13	19	15	5	8	61	41	224
2015	46	34	45	2	26	37	30	8	13	105	145	491
2016	65	47	64	4	35	54	44	11	19	143	262	748
2017	84	60	83	5	45	70	58	13	21	156	330	925
2018	102	73	101	6	55	86	70	15	22	160	401	1,091
2019	120	85	120	7	65	101	83	16	22	164	459	1,242
2020	138	97	138	9	74	117	96	18	23	168	522	1,400
2021	155	110	156	10	84	132	109	19	24	171	575	1,545
2022	173	122	173	11	94	148	121	21	24	175	628	1,690
2023	191	134	191	12	104	163	133	22	25	178	679	1,832
2024	209	147	208	13	114	177	145	26	37	274	729	2,079

Forecast of Reductions in NYCA Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014-15	13	11	13	1	7	11	8	3	5	42	83	197
2015-16	27	20	27	1	14	21	15	5	8	72	139	349
2016-17	37	28	38	2	19	30	22	6	12	98	179	471
2017-18	48	36	49	3	24	39	29	7	13	106	220	574
2018-19	57	43	60	4	29	48	36	8	13	108	253	659
2019-20	67	50	70	4	34	56	42	8	13	110	290	744
2020-21	77	57	81	5	39	64	48	9	13	112	320	825
2021-22	87	64	91	6	43	73	55	10	13	114	350	906
2022-23	97	71	101	6	48	81	60	11	13	116	379	983
2023-24	106	78	111	7	53	89	66	11	13	118	408	1,060
2024-25	116	85	120	8	58	97	71	13	21	184	421	1,194

Table I-3a: Econometric Forecast of Annual Energy & Peak Demand

Prior to Inclusion of Statewide Energy Efficiency Programs & Retail Solar PV

Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014	15,992	10,135	16,498	6,037	8,228	12,110	10,074	2,979	6,200	53,871	22,398	164,522
2015	16,178	10,248	16,679	6,062	8,316	12,279	10,212	2,994	6,230	54,140	22,972	166,310
2016	16,377	10,369	16,875	6,101	8,424	12,462	10,327	3,021	6,291	54,663	23,634	168,544
2017	16,476	10,436	16,982	6,104	8,504	12,579	10,382	3,026	6,298	54,725	24,025	169,537
2018	16,609	10,525	17,126	6,122	8,606	12,726	10,453	3,028	6,303	54,768	24,474	170,740
2019	16,747	10,615	17,273	6,548	8,707	12,874	10,514	3,028	6,304	54,775	24,913	172,298
2020	16,938	10,733	17,470	6,783	8,841	13,045	10,603	3,036	6,320	54,917	25,392	174,078
2021	17,036	10,798	17,583	6,781	8,935	13,150	10,643	3,030	6,305	54,789	25,659	174,709
2022	17,165	10,889	17,736	6,794	9,042	13,288	10,706	3,030	6,306	54,795	25,990	175,741
2023	17,291	10,980	17,883	6,807	9,142	13,427	10,767	3,030	6,307	54,805	26,316	176,755
2024	17,460	11,099	18,076	6,836	9,282	13,602	10,852	3,038	6,325	54,957	26,707	178,234

Forecast of NYCA Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014	2,697	2,071	2,917	704	1,447	2,393	2,305	694	1,515	11,704	5,443	33,890
2015	2,734	2,096	2,961	707	1,475	2,442	2,339	692	1,506	12,012	5,593	34,557
2016	2,775	2,124	3,006	711	1,499	2,491	2,368	699	1,520	12,213	5,754	35,160
2017	2,817	2,153	3,055	715	1,528	2,545	2,394	701	1,527	12,394	5,862	35,691
2018	2,850	2,176	3,094	721	1,554	2,589	2,417	709	1,540	12,581	5,971	36,202
2019	2,876	2,195	3,129	796	1,577	2,630	2,438	718	1,556	12,713	6,069	36,697
2020	2,901	2,209	3,158	802	1,597	2,664	2,459	724	1,565	12,806	6,172	37,057
2021	2,924	2,225	3,189	807	1,620	2,702	2,479	728	1,578	12,918	6,265	37,435
2022	2,946	2,239	3,217	812	1,641	2,743	2,498	745	1,606	13,011	6,359	37,817
2023	2,968	2,255	3,246	817	1,662	2,787	2,516	752	1,619	13,123	6,456	38,201
2024	2,989	2,271	3,275	822	1,686	2,826	2,533	760	1,644	13,303	6,550	38,659

Forecast of NYCA Coincident Winter Peak Demand by Zone- MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2014-15	2,395	1,586	2,621	859	1,330	1,916	1,562	541	940	7,571	3,613	24,934
2015-16	2,418	1,597	2,642	861	1,339	1,935	1,579	543	942	7,609	3,679	25,144
2016-17	2,436	1,608	2,659	865	1,346	1,955	1,590	546	951	7,642	3,729	25,327
2017-18	2,454	1,619	2,677	865	1,356	1,974	1,601	546	950	7,658	3,780	25,480
2018-19	2,470	1,630	2,696	867	1,367	1,995	1,612	548	950	7,667	3,824	25,626
2019-20	2,490	1,641	2,715	938	1,379	2,017	1,622	548	951	7,677	3,870	25,848
2020-21	2,510	1,653	2,735	942	1,394	2,036	1,631	551	954	7,686	3,911	26,003
2021-22	2,531	1,666	2,758	942	1,408	2,058	1,644	552	953	7,696	3,950	26,158
2022-23	2,552	1,679	2,780	942	1,425	2,081	1,657	553	953	7,706	3,990	26,318
2023-24	2,574	1,695	2,803	944	1,442	2,106	1,673	553	954	7,715	4,028	26,487
2024-25	2,600	1,713	2,829	947	1,460	2,134	1,689	556	963	7,789	4,052	26,732

Table I-3b: Econometric Forecast of Zonal Non-Coincident Peak Demand

Prior to Inclusion of Statewide Energy Efficiency Programs & Retail Solar PV

Forecast of Non-Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K
2014	2,740	2,112	2,956	774	1,497	2,417	2,332	701	1,532	11,839	5,538
2015	2,777	2,137	3,000	777	1,526	2,466	2,367	722	1,639	12,021	5,690
2016	2,818	2,166	3,046	782	1,550	2,515	2,396	736	1,667	12,203	5,854
2017	2,861	2,195	3,095	786	1,580	2,570	2,422	738	1,673	12,385	5,965
2018	2,894	2,218	3,134	793	1,606	2,614	2,445	743	1,688	12,570	6,076
2019	2,920	2,237	3,170	868	1,630	2,655	2,466	753	1,707	12,700	6,175
2020	2,945	2,251	3,199	875	1,650	2,689	2,487	759	1,718	12,790	6,280
2021	2,968	2,267	3,230	880	1,674	2,728	2,507	765	1,734	12,891	6,375
2022	2,990	2,281	3,258	885	1,695	2,769	2,527	778	1,766	12,981	6,470
2023	3,012	2,297	3,287	890	1,717	2,813	2,545	786	1,782	13,092	6,569
2024	3,033	2,313	3,316	896	1,741	2,852	2,562	831	1,884	13,175	6,664

Forecast of Non-Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K
2014-15	2,424	1,594	2,626	872	1,346	1,943	1,570	560	960	7,639	3,676
2015-16	2,447	1,605	2,647	873	1,355	1,962	1,586	561	961	7,677	3,743
2016-17	2,465	1,616	2,665	878	1,362	1,982	1,598	565	970	7,710	3,794
2017-18	2,483	1,627	2,683	878	1,372	2,001	1,609	565	969	7,726	3,846
2018-19	2,499	1,638	2,701	880	1,383	2,022	1,620	566	970	7,735	3,890
2019-20	2,519	1,648	2,720	951	1,395	2,044	1,630	567	971	7,745	3,937
2020-21	2,539	1,661	2,741	955	1,410	2,064	1,639	570	974	7,755	3,978
2021-22	2,560	1,673	2,763	955	1,425	2,086	1,652	571	972	7,764	4,019
2022-23	2,581	1,687	2,786	955	1,441	2,109	1,665	572	973	7,774	4,059
2023-24	2,603	1,703	2,808	957	1,458	2,134	1,680	572	974	7,784	4,098
2024-25	2,629	1,721	2,834	960	1,476	2,162	1,697	575	983	7,857	4,122

Table I-4a: Historic Energy Usage and Coincident Peaks

Historic Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2004	16,102	9,888	16,825	5,758	7,101	11,161	10,696	2,188	6,216	52,073	22,203	160,211
2005	16,498	10,227	17,568	6,593	7,594	11,789	10,924	2,625	6,435	54,007	22,948	167,208
2006	15,998	10,003	16,839	6,289	7,339	11,337	10,417	2,461	6,274	53,096	22,185	162,238
2007	16,258	10,207	17,028	6,641	7,837	11,917	10,909	2,702	6,344	54,750	22,748	167,341
2008	15,835	10,089	16,721	6,734	7,856	11,595	10,607	2,935	5,944	54,835	22,461	165,612
2009	15,149	9,860	15,949	5,140	7,893	10,991	10,189	2,917	5,700	53,100	21,892	158,780
2010	15,903	10,128	16,209	4,312	7,906	11,394	10,384	2,969	6,264	55,114	22,922	163,505
2011	16,017	10,040	16,167	5,903	7,752	11,435	10,066	2,978	6,208	54,059	22,704	163,329
2012	15,595	10,009	16,117	6,574	7,943	11,846	9,938	2,930	6,099	53,487	22,302	162,840
2013	15,790	9,981	16,368	6,448	8,312	12,030	9,965	2,986	6,204	53,316	22,114	163,514

Historic NYCA Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2004	2,493	1,743	2,585	644	1,057	1,953	2,041	475	1,280	9,742	4,420	28,433
2005	2,726	1,923	2,897	768	1,314	2,164	2,236	592	1,409	10,810	5,236	32,075
2006	2,735	2,110	3,128	767	1,435	2,380	2,436	596	1,467	11,300	5,585	33,939
2007	2,592	1,860	2,786	795	1,257	2,185	2,316	595	1,438	10,970	5,375	32,169
2008	2,611	2,001	2,939	801	1,268	2,270	2,277	657	1,399	10,979	5,231	32,433
2009	2,595	1,939	2,780	536	1,351	2,181	2,159	596	1,279	10,366	5,063	30,845
2010	2,663	1,985	2,846	552	1,437	2,339	2,399	700	1,487	11,213	5,832	33,453
2011	2,556	2,019	2,872	776	1,447	2,233	2,415	730	1,510	11,374	5,935	33,867
2012	2,743	2,107	2,888	774	1,420	2,388	2,242	653	1,393	10,722	5,109	32,439
2013	2,549	2,030	2,921	819	1,540	2,392	2,358	721	1,517	11,456	5,653	33,956

Historic NYCA Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2004-05	2,446	1,609	2,747	918	1,281	1,937	1,766	474	939	7,695	3,729	25,541
2005-06	2,450	1,544	2,700	890	1,266	1,886	1,663	515	955	7,497	3,581	24,947
2006-07	2,382	1,566	2,755	921	1,274	1,888	1,638	504	944	7,680	3,505	25,057
2007-08	2,336	1,536	2,621	936	1,312	1,886	1,727	524	904	7,643	3,596	25,021
2008-09	2,274	1,567	2,533	930	1,289	1,771	1,634	529	884	7,692	3,570	24,673
2009-10	2,330	1,555	2,558	648	1,289	1,788	1,527	561	813	7,562	3,443	24,074
2010-11	2,413	1,606	2,657	645	1,296	1,825	1,586	526	927	7,661	3,512	24,654
2011-12	2,220	1,535	2,532	904	1,243	1,765	1,618	490	893	7,323	3,378	23,901
2012-13	2,343	1,568	2,672	954	1,348	1,923	1,539	510	947	7,456	3,399	24,658
2013-14	2,358	1,645	2,781	848	1,415	1,989	1,700	625	974	7,810	3,594	25,738

Table I-4b: Historic Zonal Non-Coincident Peaks

Historic Non-Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K
2004	2,523	1,743	2,601	705	1,149	1,997	2,041	502	1,366	9,769	4,728
2005	2,787	2,037	3,042	823	1,360	2,254	2,296	632	1,492	11,162	5,295
2006	2,786	2,144	3,153	845	1,435	2,380	2,497	627	1,545	11,350	5,752
2007	2,738	2,015	2,888	829	1,349	2,301	2,316	607	1,438	10,971	5,396
2008	2,611	2,001	2,939	875	1,388	2,302	2,344	665	1,441	11,262	5,281
2009	2,608	1,939	2,780	721	1,420	2,188	2,178	600	1,323	10,661	5,194
2010	2,768	2,075	2,932	566	1,469	2,379	2,407	700	1,492	11,213	5,832
2011	2,921	2,199	3,042	811	1,519	2,425	2,415	730	1,512	11,424	5,935
2012	2,746	2,113	2,889	809	1,433	2,388	2,273	681	1,414	11,112	5,516
2013	2,821	2,103	2,998	822	1,559	2,423	2,367	721	1,517	11,456	5,747

Historic Non-Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K
2004-05	2,463	1,609	2,804	945	1,305	1,958	1,794	571	1,080	7,695	3,767
2005-06	2,450	1,546	2,700	912	1,266	2,196	1,663	541	1,058	7,668	3,584
2006-07	2,400	1,566	2,755	943	1,280	1,932	1,641	532	944	7,680	3,506
2007-08	2,370	1,573	2,621	936	1,312	1,886	1,727	556	955	7,761	3,596
2008-09	2,332	1,574	2,573	949	1,299	1,837	1,694	558	899	8,340	3,633
2009-10	2,363	1,584	2,558	657	1,377	1,804	1,599	578	954	7,612	3,528
2010-11	2,425	1,608	2,657	701	1,359	1,899	1,586	580	975	7,661	3,555
2011-12	2,241	1,542	2,532	906	1,309	1,792	1,618	542	893	7,417	3,412
2012-13	2,381	1,594	2,672	965	1,356	1,923	1,539	525	965	7,535	3,399
2013-14	2,430	1,654	2,781	899	1,424	1,998	1,700	625	978	7,896	3,594

Table I-4c: Historic Non-Coincident Peaks - G to J Locality

Historic G-to-J-Locality Non-Coincident Summer Peak Demand by Zone - MW

Year	G	H	I	J	G-to-J
2004	2,041	475	1,280	9,742	13,538
2005	2,285	618	1,492	11,162	15,557
2006	2,497	624	1,509	11,350	15,980
2007	2,316	595	1,438	10,971	15,320
2008	2,338	661	1,441	11,262	15,702
2009	2,117	566	1,313	10,661	14,657
2010	2,399	700	1,487	11,213	15,799
2011	2,415	730	1,510	11,374	16,029
2012	2,273	657	1,414	11,098	15,442
2013	2,358	721	1,517	11,456	16,052

Historic G-to-J Locality Non-Coincident Winter Peak Demand by Zone - MW

Year	G	H	I	J	G-to-J
2004-05	1,766	474	939	7,695	10,874
2005-06	1,663	515	955	7,497	10,630
2006-07	1,638	504	944	7,680	10,766
2007-08	1,691	516	898	7,761	10,866
2008-09	1,694	465	899	8,340	11,398
2009-10	1,555	518	879	7,612	10,564
2010-11	1,586	526	927	7,661	10,700
2011-12	1,527	527	878	7,417	10,349
2012-13	1,539	510	947	7,456	10,452
2013-14	1,683	601	965	7,896	11,145

Table I-4d: Historic NYCA System Coincident Peaks

Summer Coincident Peak Dates & Times*

May 1 through October 31

Year	Date	Hour Ending	Summer Peak MW
1996	7/18/1996	17	25,585
1997	7/15/1997	15	28,699
1998	7/22/1998	17	28,161
1999	7/6/1999	14	30,311
2000	6/26/2000	17	28,138
2001	8/9/2001	15	30,982
2002	7/29/2002	17	30,664
2003	6/26/2003	17	30,333
2004	6/9/2004	17	28,433
2005	7/26/2005	17	32,075
2006	8/2/2006	14	33,939
2007	8/8/2007	17	32,169
2008	6/9/2008	17	32,432
2009	8/17/2009	16	30,844
2010	7/6/2010	17	33,452
2011	7/22/2011	16	33,865
2012	7/17/2012	17	32,439
2013	7/19/2013	16	33,956

Winter Coincident Peak Dates & Times*

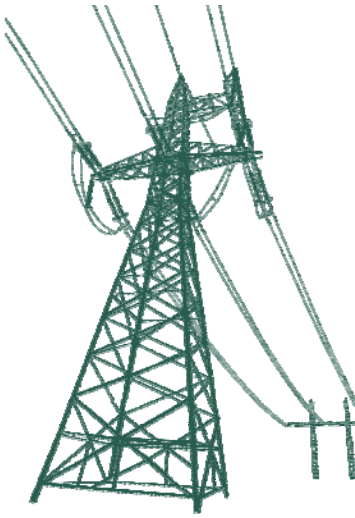
November 1 through following April 30

Year	Date	Hour Ending	Winter Peak MW
1996 - 07	1/17/1997	18	22,728
1997 - 08	12/10/1997	18	22,445
1998 - 09	1/14/1999	18	23,878
1999 - 00	1/18/2000	18	24,041
2000 - 01	12/13/2000	18	23,774
2001 - 02	4/18/2002	17	23,713
2002 - 03	1/23/2003	19	24,454
2003 - 04	1/15/2004	19	25,262
2004 - 05	12/20/2004	18	25,541
2005 - 06	12/14/2005	19	25,060
2006 - 07	2/5/2007	18	25,057
2007 - 08	1/3/2008	19	25,021
2008 - 09	12/22/2008	18	24,673
2009 - 10	12/17/2009	18	24,074
2010 - 11	12/14/2010	18	24,654
2011 - 12	1/3/2012	18	23,901
2012 - 13	1/24/2013	19	24,658
2013 - 14	1/7/2014	18	25,738

* Record peaks are highlighted.

SECTION II:

CHANGES IN GENERATING FACILITIES &
GENERATION SINCE THE 2013 GOLD BOOK
AS OF MARCH 31, 2014



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Section II

This section provides an overview of changes in generating facilities since the 2013 *Gold Book* was issued, together with a summary of energy generation in the past year.

Changes in Existing Generation since the 2013 Load & Capacity Data Report

The Summer 2014 Installed Capacity of 37,978 MW in the NYCA is 58 MW more than the Summer 2013 generating capacity of 37,920 MW, due to retirements, additions, and ratings changes (see Table II-1).

Table II-1: Changes in Summer Installed Capacity since the 2013 Gold Book – MW

Generator Fuel Types	2013 Capacity	Retirements	Additions & Uprates	Reclassifications	Ratings Changes	2014 Capacity
Gas	2,963	-14		342	-65	3,226
Oil	2,505	-2		67	-7	2,563
Gas & Oil	18,010	-13		-409	38	17,627
Coal	1,548	-75			23	1,495
Nuclear	5,410				8	5,419
Pumped Storage	1,407				-1	1,405
Hydro	4,276	-1			-3	4,272
Wind	1,367		94		2	1,463
Other Fuels	434	-18	37		55	508
Total	37,920	-123	131	0	50	37,978

Generating facilities totaling 123 MW of Summer Installed Capacity have either retired or provided notice of retirement since the publication of the 2013 *Gold Book*, as described in Table IV-3. Generator ratings are updated semi-annually for the Summer and Winter Capability Periods. Additional information on existing generation is provided in Section III[8]. This data is as of March 31, 2014.

New or uprated generating facilities with Summer Installed Capacity of 131 MW have been added since the publication of the 2013 *Gold Book*. Ratings changes in existing generators resulted in a net increase of 50 MW. The reclassification of gas and oil units resulted in an increase of 342 MW in Gas-only units, an increase in 67 MW in Oil-only units, and a decrease of 409 MW in dual-fuel capability.

[8] See footnote 3 for the definition of retirements. Additions and uprates refer to new units or equipment that was not in service in the previous year. A ratings change is a change in the installed capacity of existing units.

Scheduled Changes to Generation After March 31, 2014 for Summer 2014

There are no scheduled generation additions or retirements for the summer of 2014 after March 31, 2014.

Demand Response Resources for Summer 2014

The projected Summer 2014 Installed Capacity for Special Case Resources (SCR) is 1,189 MW. The projected 2014 enrollment for the Emergency Demand Response Program is 94 MW.

Total Resource Capability for Summer 2014

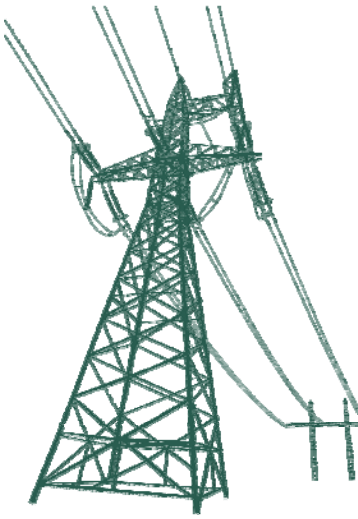
The NYCA Resource Capability projected for 2014 Summer Capability Period is 41,297 MW, which is comprised of the sum of existing facilities (37,978 MW), SCR (1,189 MW), and Net Purchases and Sales from external areas (2,130 MW). This is a decrease of 155 MW from the 2013 value of 41,452 MW.

Summary of 2013 Electric Generation

In 2013, a total of 140,338 GWh of net energy was generated in the state (see Figure III-2), an increase of 0.9% above the level in 2012, which was 139,132 GWh. Renewable energy generation was 32,226 GWh in 2013 (23% of total NYCA generation), as compared to 30,630 GWh in 2012 (22%). Fossil-fueled energy generation in 2013 was 63,356 GWh (45%), as compared to 67,690 GWh in 2012 (49%). Nuclear energy generation was 44,756 GWh in 2013 (32%), as compared to 40,817 GWh in 2012 (29%).

SECTION III:

EXISTING GENERATING FACILITIES
AS OF MARCH 31, 2014



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Section III

This section provides a detailed listing of all existing generating resources operating in the NYCA as of March 31, 2014. Table III-2 reports information on generator ownership, location, in-service date, fuels used, and generator type. Numerical values are provided for nameplate rating, Summer Capacity Resource Integration Service (CRIS) MW, Summer and Winter Capability, and net energy generated during the preceding calendar year. Pursuant to tariff amendments implementing the FERC's capacity deliverability requirements, CRIS is required in order for capacity from a generator to be offered into NYISO's Installed Capacity market. This table includes the NYISO Summer CRIS values[9] for generators.

The Summer Capability values in this 2014 *Gold Book* reflect the most recent DMNC values that were demonstrated during the Summer 2013 Capability Period. The 2014 Summer Installed Capacity market will generally use DMNC values taken from the 2013 Summer Capability Period. The Winter Capability values represent the DMNC values demonstrated during the 2012-2013 Winter Capability Period. The 2014-2015 Winter Installed Capacity Market will use DMNC values taken from the 2013-2014 Winter Capability Period.

Units are classified as dual-fuel when there are adequate environmental permits, pipeline connections, and/or storage tanks, in place to allow for the use of Type 2 or Type 3 fuel listed for each generating unit in Table III-2. Generators may choose the fuel when conducting their DMNC test. The fuel type selection is not meant to provide any information on current fuel inventories, nor does it indicate which of the fuels might be considered as primary. The NYISO does not report the DMNC for alternate fuels since (1) the NYISO does not currently require a DMNC test on alternate fuels; (2) alternate fuel inventories are unit-specific; and (3) permit capabilities do not necessarily reflect unit performance.

[9] CRIS values, in MW of Installed Capacity, for the Summer Capability Period are established pursuant to procedures contained in Attachments X, S and Z to the NYISO Open Access Transmission Tariff.

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Table III-1: Existing Generating Facilities Codes and Abbreviations

FUEL TYPES

BAT	Battery
BIT	Bituminous Coal
BUT	Butane
COL	Liquefied Coal
FO2	No. 2 Fuel Oil
FO4	No. 4 Fuel Oil
FO6	No. 6 Fuel Oil
FW	Fly Wheel
JF	Jet Fuel
KER	Kerosene
MTE	Methane (Bio Gas)
NG	Natural Gas
OT	Other (Describe In Footnote)
REF	Refuse (Solid Waste)
SUN	Sunlight
UR	Uranium
WAT	Water
WD	Wood and/or Wood Waste
WND	Wind

UNIT TYPES

CC	Combined Cycle
CG	Cogeneration
CT	Combustion Turbine Portion (CC)
CW	Waste Heat Only (CC)
ES	Energy Storage
FC	Fuel Cell
GT	Combustion Turbine
HY	Conventional Hydro
IC	Internal Combustion
IG	Integrated Coal Gasification (CC)
JE	Jet Engine
NB	Steam (BWR Nuclear)
NP	Steam (PWR Nuclear)
PS	Pumped Storage Hydro
PV	Photovoltaic
ST	Steam Turbine (Fossil)
WT	Wind Turbine

COUNTY CODES
NEW YORK - NY - 36

001 Albany	063 Niagara
003 Allegany	065 Oneida
005 Bronx	067 Onondaga
007 Broome	069 Ontario
009 Cattaraugus	071 Orange
011 Cayuga	073 Orleans
013 Chautauqua	075 Oswego
015 Chemung	077 Otsego
017 Chenango	079 Putnam
019 Clinton	081 Queens
021 Columbia	083 Rensselaer
023 Cortland	085 Richmond
025 Delaware	087 Rockland
027 Dutchess	089 St Lawrence
029 Erie	091 Saratoga
031 Essex	093 Schenectady
033 Franklin	095 Schoharie
035 Fulton	097 Schuyler
037 Genesee	099 Seneca
039 Greene	101 Steuben
041 Hamilton	103 Suffolk
043 Herkimer	105 Sullivan
045 Jefferson	107 Tioga
047 Kings	109 Tompkins
049 Lewis	111 Ulster
051 Livingston	113 Warren
053 Madison	115 Washington
055 Monroe	117 Wayne
057 Montgomery	119 Westchester
059 Nassau	121 Wyoming
061 New York	123 Yates

COUNTY CODES
PENNSYLVANIA - PA - 42

001 Adams	067 Juniata
003 Allegheny	069 Lackawanna
005 Armstrong	071 Lancaster
007 Beaver	073 Lawrence
009 Bedford	075 Lebannon
011 Berks	077 Lehigh
013 Blair	079 Luzerne
015 Bradford	081 Lycoming
017 Bucks	083 McKean
019 Butler	085 Mercer
021 Cambria	087 Mifflin
023 Cameron	089 Monroe
025 Carbon	091 Montgomery
027 Centre	093 Montour
029 Chester	095 Northhampton
031 Clarion	097 Northumberland
033 Clearfield	099 Perry
035 Clinton	101 Philadelphia
037 Columbia	103 Pike
039 Crawford	105 Potter
041 Cumberland	107 Schuylkill
043 Dauphin	109 Snyder
045 Delaware	111 Somerset
047 Elk	113 Sullivan
049 Erie	115 Susquehanna
051 Fayette	117 Tioga
053 Forest	119 Union
055 Franklin	121 Venango
057 Fulton	123 Warren
059 Greene	125 Washington
061 Huntingdon	127 Wayne
063 Indiana	129 Westmoreland
065 Jefferson	131 Wyoming
	133 York

COUNTY CODES
MASSACHUSETTS - MA - 25

001 Barnstable
003 Berkshire
005 Bristol
007 Dukes
009 Essex
011 Franklin
013 Hampden
015 Hampshire
017 Middlesex
019 Nantucket
021 Norfolk
023 Plymouth
025 Suffolk
027 Worcester

COUNTY CODES
NEW JERSEY - NJ - 34

001 Atlantic
003 Bergen
005 Burlington
007 Camden
009 Cape May
011 Cumberland
013 Essex
015 Gloucester
017 Hudson
019 Hunterdon
021 Mercer
023 Middlesex
025 Monmouth
027 Morris
029 Ocean
031 Passaic
033 Salem
035 Somerset
037 Sussex
039 Union
041 Warren

Table III-2: Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating	CRIS Sum Cap (A)	2014 Capability (B) (MW)		Co-Gen	Unit Type	Fuel (U)			2013 Net Energy	Notes
				Town	Cnty	St	YY-MM-DD	(MW)	(MW)	SUM	WIN			Type 1	Type 2	Type 3	(GWh)	
AES ES Westover LLC	Westover LESR (Ret. 8/20/13)	C	323668	Johnson City	007	36	2010-12-13	8.0		0.0	0.0		ES	BAT			0.0	**(R)**
Albany Energy LLC	Albany LFGE	F	323615	Albany	001	36	1998-05-01	5.6	4.5	4.5	4.5		IC	MTE			27.3	
Astoria Energy II, LLC	Astoria Energy 2 - CC3	J	323677	Queens	081	36	2011-07-01	330.0	288.0	271.8	306.0		CC	NG	FO2		3,083.8	**(G)**
Astoria Energy II, LLC	Astoria Energy 2 - CC4	J	323678	Queens	081	36	2011-07-01	330.0	288.0	271.8	306.0		CC	NG	FO2			
Astoria Energy, LLC	Astoria East Energy - CC1	J	323581	Queens	081	36	2006-04-01	320.0	278.7	277.6	298.9		CC	NG	FO2		2,796.0	**(G)**
Astoria Energy, LLC	Astoria East Energy - CC2	J	323582	Queens	081	36	2006-04-01	320.0	278.7	277.6	298.9		CC	NG	FO2			
Astoria Generating Company L.P.	Astoria 3	J	23516	Queens	081	36	1958-09-01	376.0	369.9	374.0	376.3		ST	FO6	NG		390.0	
Astoria Generating Company L.P.	Astoria 5	J	23518	Queens	081	36	1962-05-01	387.0	376.3	380.0	382.2		ST	FO6	NG		674.5	
Astoria Generating Company L.P.	Astoria GT 01	J	23523	Queens	081	36	1967-07-01	16.0	15.7	14.8	17.4		GT	NG			1.5	
Astoria Generating Company L.P.	Gowanus 1-1	J	24077	Brooklyn	047	36	1971-06-01	20.0	19.1	18.4	23.1		GT	FO2			1.1	
Astoria Generating Company L.P.	Gowanus 1-2	J	24078	Brooklyn	047	36	1971-06-01	20.0	17.1	18.6	22.4		GT	FO2			0.8	
Astoria Generating Company L.P.	Gowanus 1-3	J	24079	Brooklyn	047	36	1971-06-01	20.0	17.2	16.9	20.6		GT	FO2			0.8	
Astoria Generating Company L.P.	Gowanus 1-4	J	24080	Brooklyn	047	36	1971-06-01	20.0	17.1	15.6	19.7		GT	FO2			0.5	
Astoria Generating Company L.P.	Gowanus 1-5	J	24084	Brooklyn	047	36	1971-06-01	20.0	16.5	16.2	20.2		GT	FO2			0.3	
Astoria Generating Company L.P.	Gowanus 1-6	J	24111	Brooklyn	047	36	1971-06-01	20.0	18.0	16.0	19.7		GT	FO2			0.5	
Astoria Generating Company L.P.	Gowanus 1-7	J	24112	Brooklyn	047	36	1971-06-01	20.0	17.6	16.9	20.2		GT	FO2			0.7	
Astoria Generating Company L.P.	Gowanus 1-8	J	24113	Brooklyn	047	36	1971-06-01	20.0	16.1	15.0	18.8		GT	FO2			0.5	
Astoria Generating Company L.P.	Gowanus 2-1	J	24114	Brooklyn	047	36	1971-06-01	20.0	17.9	17.2	20.6		GT	FO2	NG		2.3	
Astoria Generating Company L.P.	Gowanus 2-2	J	24115	Brooklyn	047	36	1971-06-01	20.0	18.8	17.7	21.8		GT	FO2	NG		2.2	
Astoria Generating Company L.P.	Gowanus 2-3	J	24116	Brooklyn	047	36	1971-06-01	20.0	20.6	19.2	23.3		GT	FO2	NG		2.3	
Astoria Generating Company L.P.	Gowanus 2-4	J	24117	Brooklyn	047	36	1971-06-01	20.0	19.3	17.2	21.0		GT	FO2	NG		1.9	
Astoria Generating Company L.P.	Gowanus 2-5	J	24118	Brooklyn	047	36	1971-06-01	20.0	18.6	17.4	21.0		GT	FO2	NG		1.9	
Astoria Generating Company L.P.	Gowanus 2-6	J	24119	Brooklyn	047	36	1971-06-01	20.0	20.3	18.7	23.0		GT	FO2	NG		2.2	
Astoria Generating Company L.P.	Gowanus 2-7	J	24120	Brooklyn	047	36	1971-06-01	20.0	19.6	18.1	22.7		GT	FO2	NG		2.1	
Astoria Generating Company L.P.	Gowanus 2-8	J	24121	Brooklyn	047	36	1971-06-01	20.0	17.7	17.5	21.3		GT	FO2	NG		1.8	
Astoria Generating Company L.P.	Gowanus 3-1	J	24122	Brooklyn	047	36	1971-07-01	20.0	17.7	17.3	20.1		GT	FO2	NG		2.6	
Astoria Generating Company L.P.	Gowanus 3-2	J	24123	Brooklyn	047	36	1971-07-01	20.0	17.7	17.3	20.4		GT	FO2	NG		2.8	
Astoria Generating Company L.P.	Gowanus 3-3	J	24124	Brooklyn	047	36	1971-07-01	20.0	19.8	18.4	23.5		GT	FO2	NG		4.8	
Astoria Generating Company L.P.	Gowanus 3-4	J	24125	Brooklyn	047	36	1971-07-01	20.0	17.9	16.5	21.0		GT	FO2	NG		3.4	
Astoria Generating Company L.P.	Gowanus 3-5	J	24126	Brooklyn	047	36	1971-07-01	20.0	19.0	18.2	21.2		GT	FO2	NG		3.7	
Astoria Generating Company L.P.	Gowanus 3-6	J	24127	Brooklyn	047	36	1971-07-01	20.0	17.6	15.6	18.9		GT	FO2	NG		3.4	
Astoria Generating Company L.P.	Gowanus 3-7	J	24128	Brooklyn	047	36	1971-07-01	20.0	18.1	18.2	20.1		GT	FO2	NG		3.8	
Astoria Generating Company L.P.	Gowanus 3-8	J	24129	Brooklyn	047	36	1971-07-01	20.0	19.0	17.9	22.4		GT	FO2	NG		4.8	
Astoria Generating Company L.P.	Gowanus 4-1	J	24130	Brooklyn	047	36	1971-07-01	20.0	16.8	17.9	22.6		GT	FO2			0.6	
Astoria Generating Company L.P.	Gowanus 4-2	J	24131	Brooklyn	047	36	1971-07-01	20.0	17.3	16.9	21.4		GT	FO2			0.4	
Astoria Generating Company L.P.	Gowanus 4-3	J	24132	Brooklyn	047	36	1971-07-01	20.0	17.6	16.9	22.3		GT	FO2			0.4	
Astoria Generating Company L.P.	Gowanus 4-4	J	24133	Brooklyn	047	36	1971-07-01	20.0	17.1	16.2	19.9		GT	FO2			0.3	
Astoria Generating Company L.P.	Gowanus 4-5	J	24134	Brooklyn	047	36	1971-07-01	20.0	17.1	16.2	20.5		GT	FO2			0.2	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Astoria Generating Company L.P.	Gowanus 4-6	J	24135	Brooklyn	047	36	1971-07-01	20.0	18.6	17.8	22.6		GT	FO2			0.1	
Astoria Generating Company L.P.	Gowanus 4-7	J	24136	Brooklyn	047	36	1971-07-01	20.0	16.6	16.2	19.9		GT	FO2			0.3	
Astoria Generating Company L.P.	Gowanus 4-8	J	24137	Brooklyn	047	36	1971-07-01	20.0	19.0	16.8	21.3		GT	FO2			0.5	
Astoria Generating Company L.P.	Narrows 1-1	J	24228	Brooklyn	047	36	1972-05-01	22.0	21.0	19.1	21.9		GT	KER	NG		7.2	
Astoria Generating Company L.P.	Narrows 1-2	J	24229	Brooklyn	047	36	1972-05-01	22.0	19.5	17.3	20.7		GT	KER	NG		7.7	
Astoria Generating Company L.P.	Narrows 1-3	J	24230	Brooklyn	047	36	1972-05-01	22.0	20.4	18.3	22.8		GT	KER	NG		6.1	
Astoria Generating Company L.P.	Narrows 1-4	J	24231	Brooklyn	047	36	1972-05-01	22.0	20.1	18.4	23.1		GT	KER	NG		7.6	
Astoria Generating Company L.P.	Narrows 1-5	J	24232	Brooklyn	047	36	1972-05-01	22.0	19.8	18.6	22.7		GT	KER	NG		6.9	
Astoria Generating Company L.P.	Narrows 1-6	J	24233	Brooklyn	047	36	1972-05-01	22.0	18.9	16.6	20.0		GT	KER	NG		5.6	
Astoria Generating Company L.P.	Narrows 1-7	J	24234	Brooklyn	047	36	1972-05-01	22.0	18.4	16.6	20.4		GT	KER	NG		6.7	
Astoria Generating Company L.P.	Narrows 1-8	J	24235	Brooklyn	047	36	1972-05-01	22.0	19.9	16.6	20.5		GT	KER	NG		7.0	
Astoria Generating Company L.P.	Narrows 2-1	J	24236	Brooklyn	047	36	1972-06-01	22.0	19.4	18.8	22.6		GT	KER	NG		8.9	
Astoria Generating Company L.P.	Narrows 2-2	J	24237	Brooklyn	047	36	1972-06-01	22.0	18.7	17.3	21.0		GT	KER	NG		8.5	
Astoria Generating Company L.P.	Narrows 2-3	J	24238	Brooklyn	047	36	1972-06-01	22.0	18.4	18.4	22.4		GT	KER	NG		8.4	
Astoria Generating Company L.P.	Narrows 2-4	J	24239	Brooklyn	047	36	1972-06-01	22.0	18.4	17.3	21.4		GT	KER	NG		6.5	
Astoria Generating Company L.P.	Narrows 2-5	J	24240	Brooklyn	047	36	1972-06-01	22.0	19.9	18.2	22.2		GT	KER	NG		10.5	
Astoria Generating Company L.P.	Narrows 2-6	J	24241	Brooklyn	047	36	1972-06-01	22.0	18.1	15.9	19.5		GT	KER	NG		7.9	
Astoria Generating Company L.P.	Narrows 2-7	J	24242	Brooklyn	047	36	1972-06-01	22.0	20.7	18.7	22.8		GT	KER	NG		9.9	
Astoria Generating Company L.P.	Narrows 2-8	J	24243	Brooklyn	047	36	1972-06-01	22.0	17.5	16.9	20.1		GT	KER	NG		7.4	
Athens Generating Company, LP	Athens 1	F	23668	Athens	039	36	2004-05-01	441.0	316.6	318.4	395.9		CC	NG	FO2		814.4	
Athens Generating Company, LP	Athens 2	F	23670	Athens	039	36	2004-05-01	441.0	315.6	317.1	393.7		CC	NG	FO3		1,392.0	
Athens Generating Company, LP	Athens 3	F	23677	Athens	039	36	2004-05-01	441.0	312.8	317.2	389.6		CC	NG	FO4		1,388.1	
Bayonne Energy Center, LLC	Bayonne EC CTG1	J	323682	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	60.3	62.9		JE	NG	KER		103.1
Bayonne Energy Center, LLC	Bayonne EC CTG2	J	323683	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	58.5	62.9		JE	NG	KER		116.9
Bayonne Energy Center, LLC	Bayonne EC CTG3	J	323684	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	58.7	62.9		JE	NG	KER		91.1
Bayonne Energy Center, LLC	Bayonne EC CTG4	J	323685	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	58.4	62.9		JE	NG	KER		95.4
Bayonne Energy Center, LLC	Bayonne EC CTG5	J	323686	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	57.8	62.9		JE	NG	KER		102.5
Bayonne Energy Center, LLC	Bayonne EC CTG6	J	323687	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	58.2	62.9		JE	NG	KER		93.0
Bayonne Energy Center, LLC	Bayonne EC CTG7	J	323688	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	59.0	62.9		JE	NG	KER		109.9
Bayonne Energy Center, LLC	Bayonne EC CTG8	J	323689	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	59.8	62.9		JE	NG	KER		116.8
Boralex Hydro Operations Inc	Fourth Branch	F	23824	Waterford	091	36	1987-12-01	3.3	3.5	3.3	3.3		HY	WAT			17.0	
Boralex Hydro Operations Inc	NYS Dam	F	23527	Waterford	091	36	1990-12-01	11.4	11.3	11.4	11.4		HY	WAT			50.3	
Boralex Hydro Operations Inc	Sissonville	E	23735	Potsdam	089	36	1990-08-01	3.1	3.0	3.1	3.1		HY	WAT			16.6	
Boralex Hydro Operations Inc	Warrensburg	F	23737	Warrensburg	113	36	1988-12-01	2.9	3.0	2.9	2.9		HY	WAT			10.2	
Calpine Energy Service LP	Bethpage	K	23823	Hicksville	059	36	1989-09-01	83.6	54.9	51.4	59.1		CC	NG			256.5	
Calpine Energy Service LP	Bethpage GT4	K	323586	Hicksville	059	36	2002-07-01	60.0	48.2	44.9	46.8		GT	NG			154.1	
Calpine Energy Service LP	KIAC_JFK_GT1	J	23816	Jamaica	081	36	1995-02-01	60.6	58.7	58.3	60.4	YES	CC	NG	FO2		318.3	
Calpine Energy Service LP	KIAC_JFK_GT2	J	23817	Jamaica	081	36	1995-02-01	60.6	58.3	60.1	61.6	YES	CC	NG	FO2		318.3	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Canandaigua Power Partners, LLC	Canandaigua Wind Power	C	323617	Avoca	101	36	2008-12-05	125.0	125.0	125.0	125.0		WT	WND			240.9	
Canastota Windpower LLC	Fenner Wind Power	C	24204	Fenner	053	36	2001-12-01	30.0	30.0	0.0	0.0		WT	WND			68.3	
Carr Street Generating Station LP	Carr St.-E. Syr	C	24060	Dewitt	067	36	1993-08-01	122.6	89.0	86.6	104.3		CC	NG	FO2		41.5	
Castleton Power, LLC	Castleton Energy Center	F	23900	Castleton	083	36	1992-01-01	72.0	67.0	61.0	72.0		CC	NG	FO2		106.5	
Cayuga Operating Company, LLC	Cayuga 1	C	23584	Lansing	109	36	1955-09-01	155.3	154.1	156.0	154.8		ST	BIT			386.8	**(S)**
Cayuga Operating Company, LLC	Cayuga 2	C	23585	Lansing	109	36	1958-10-01	167.2	154.7	158.9	152.9		ST	BIT			403.9	**(S)**
Cayuga Operating Company, LLC	Cayuga IC 1	C	23629	Lansing	109	36	1967-08-01	2.8	2.8	0.0	0.0		IC	FO2			0.0	
Cayuga Operating Company, LLC	Cayuga IC 2	C	23629	Lansing	109	36	1967-08-01	2.8	2.8	0.0	0.0		IC	FO2			0.0	
Central Hudson Gas & Elec. Corp.	Coxsackie GT	G	23611	Coxsackie	039	36	1969-12-01	21.6	19.9	19.5	23.3		GT	KER	NG		0.4	
Central Hudson Gas & Elec. Corp.	Dashville 1	G	23610	Rifton	111	36	1920-01-01	2.4	2.7	0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Dashville 2	G	23610	Rifton	111	36	1920-01-01	2.4	2.7	0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	DCRRA	G	23765	Poughkeepsie	027	36	1987-09-01	9.2	8.8	7.2	9.2		ST	REF			34.5	
Central Hudson Gas & Elec. Corp.	High Falls	G	23754	Marbletown	111	36	1986-12-01	3.2	3.0	0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Millpond	G	5004	Catskill	039	36	1993-12-01	0.9		0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Montgomery West	G	5005	Montgomery	071	36	1985-11-01	0.2		0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Salisbury Mills	G	5006	Salisbury Mills	071	36	1986-12-01	0.5		0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	South Cairo	G	23612	Cairo	039	36	1970-06-01	21.6	17.8	16.9	23.3		GT	KER			0.0	
Central Hudson Gas & Elec. Corp.	Sturgeon 1	G	23609	Rifton	111	36	1924-01-01	4.8	5.0	0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Sturgeon 2	G	23609	Rifton	111	36	1924-01-01	4.8	5.8	0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Sturgeon 3	G	23609	Rifton	111	36	1924-01-01	4.8	5.0	0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Wallkill	G	5007	Shwangunk	111	36	1986-12-01	0.5		0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Wappingers Falls	G	23765	Wappingers	027	36	1988-12-01	2.0	2.0	2.0	2.0		HY	WAT			9.5	
CHI Energy Inc	Goodyear Lake	E	323669	Milford	077	36	1980-07-01	2.0	0.0	0.0	0.0		HY	WAT			6.0	
Commerce Energy, Inc.	Steel Wind	A	323596	Lackawanna	029	36	2007-01-23	20.0	20.0	20.0	20.0		WT	WND			53.5	
Consolidated Edison Co. of NY, Inc.	59 St. GT 1	J	24138	Manhattan	061	36	1969-06-01	17.1	15.4	15.4	20.4		GT	KER	NG		0.5	
Consolidated Edison Co. of NY, Inc.	74 St. GT 1	J	24260	Manhattan	061	36	1968-10-01	18.5	19.0	0.0	18.3		GT	KER			0.1	
Consolidated Edison Co. of NY, Inc.	74 St. GT 2	J	24261	Manhattan	061	36	1968-10-01	18.5	20.1	18.4	20.8		GT	KER			0.1	
Consolidated Edison Co. of NY, Inc.	Brooklyn Navy Yard	J	23515	Brooklyn	047	36	1996-11-01	322.0	266.9	261.4	273.0	YES	CC	NG	FO2		1,857.5	
Consolidated Edison Co. of NY, Inc.	East River 1	J	323558	Manhattan	061	36	2005-04-01	185.0	148.5	144.2	173.8		CC	NG	KER		1,230.0	
Consolidated Edison Co. of NY, Inc.	East River 2	J	323559	Manhattan	061	36	2005-04-05	185.0	150.4	143.3	172.0		CC	NG	KER		1,234.6	
Consolidated Edison Co. of NY, Inc.	East River 6	J	23660	Manhattan	061	36	1951-11-01	156.2	134.3	137.7	140.1	YES	ST	FO6	NG		497.8	
Consolidated Edison Co. of NY, Inc.	East River 7	J	23524	Manhattan	061	36	1955-06-01	200.0	184.7	184.0	183.5	YES	ST	FO6	NG		245.2	
Consolidated Edison Co. of NY, Inc.	Hudson Ave 3	J	23810	Brooklyn	047	36	1970-07-01	16.3	16.0	14.3	16.6		GT	KER			0.2	
Consolidated Edison Co. of NY, Inc.	Hudson Ave 4	J	23540	Brooklyn	047	36	1970-07-01	16.3	13.9	14.6	15.6		GT	KER			0.2	
Consolidated Edison Co. of NY, Inc.	Hudson Ave 5	J	23657	Brooklyn	047	36	1970-07-01	16.3	15.1	15.7	17.1		GT	KER			0.4	
Consolidated Edison Energy, Inc.	Broome 2 LFGE	C	323671	Binghamton	007	36	2013-01-31	1.6	1.6	0.0	0.0		IC	MTE			8.4	**(N) (1)**
Consolidated Edison Energy, Inc.	Massena	D	23902	Massena	089	36	1992-07-01	102.1	82.2	80.8	92.3		CC	NG	FO2		2.6	
Consolidated Edison Energy, Inc.	Rensselaer	F	23796	Rensselaer	083	36	1993-12-01	96.9	79.0	77.4	82.7		CC	NG	FO2		82.4	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Consolidated Energy Edison, Inc.	Roseton 1	G	23587	Newburgh	071	36	1974-12-01	621.0	614.8	619.0	619.0		ST	FO6	NG	FO2	141.3	
Consolidated Energy Edison, Inc.	Roseton 2	G	23588	Newburgh	071	36	1974-09-01	621.0	605.7	607.5	615.0		ST	FO6	NG	FO2	152.8	
Consolidated Hydro New York, Inc.	Groveville Hydro	G	323602	Beacon	027	36	1983-12-01	2.0	0.8	0.0	0.0		HY	WAT			2.3	
Consolidated Hydro New York, Inc.	Walden Hydro	G	24148	Walden	071	36	1983-12-01	2.4	1.5	1.5	1.6		HY	WAT			4.0	
Covanta Niagara, LP	American Ref-Fuel 1	A	24010	Niagara	063	36	1993-05-01	25.0	19.6	18.4	17.7	YES	ST	REF			192.6	**(G)**
Covanta Niagara, LP	American Ref-Fuel 2	A	24010	Niagara	063	36	1993-05-01	25.0	19.6	18.4	17.7	YES	ST	REF				
Delaware County	Delaware LFGE	E	323621	Walton	025	36	2009-02-11	2.0		0.0	0.0		IC	MTE			0.0	
Dynegy Marketing and Trade, LLC	Independence	C	23800	Scriba	075	36	1994-11-01	1,254.0	954.4	911.2	1,107.6		CC	NG			5,290.0	
Eagle Creek Hydro Power, LLC	Mongaup 1	G	23641	Forestburg	105	36	1923-07-01	1.0	0.9	1.0	1.0		HY	WAT			10.8	**(G)**
Eagle Creek Hydro Power, LLC	Mongaup 2	G	23641	Forestburg	105	36	1923-07-01	1.0	1.0	1.0	1.0		HY	WAT				
Eagle Creek Hydro Power, LLC	Mongaup 3	G	23641	Forestburg	105	36	1923-07-01	1.0	1.0	1.0	1.0		HY	WAT				
Eagle Creek Hydro Power, LLC	Mongaup 4	G	23641	Forestburg	105	36	1926-01-01	1.0	1.0	1.0	1.0		HY	WAT				
Eagle Creek Hydro Power, LLC	Rio	G	23641	Glen Spey	105	36	1927-12-01	10.8	10.8	10.2	9.5		HY	WAT			20.5	
Eagle Creek Hydro Power, LLC	Swinging Bridge 2	G	23641	Forestburg	105	36	1930-02-01	7.0	7.9	6.5	6.2		HY	WAT			7.8	
East Coast Power, LLC	Linden Cogen	J	23786	Linden NJ	039	34	1992-05-01	1,034.9	753.3	754.3	800.0	YES	CC	NG	BUT		3,083.4	
Empire Generating Co, LLC	EMPIRE_CC_1	F	323656	Rensselaer	083	36	2010-09-02	335.0	294.2	287.9	332.4		CC	NG	FO2		1,413.8	
Empire Generating Co, LLC	EMPIRE_CC_2	F	323658	Rensselaer	083	36	2010-09-02	335.0	298.2	289.2	335.9		CC	NG	FO2		1,478.8	
Entergy Nuclear Power Marketing LLC	Fitzpatrick 1	C	23598	Scriba	075	36	1975-07-01	882.0	858.9	851.8	851.5		NB	UR			6,839.8	
Entergy Nuclear Power Marketing LLC	Indian Pt 2	H	23530	Buchanan	119	36	1973-08-01	1,299.0	1,026.5	1,020.1	1,030.4		NP	UR			8,784.6	
Entergy Nuclear Power Marketing LLC	Indian Pt 3	H	23531	Buchanan	119	36	1976-04-01	1,012.0	1,040.4	1,040.6	1,045.9		NP	UR			8,292.2	
Erie Blvd. Hydro - Beaver River	Belfort 1	E	24048		049	36	1903-01-01	0.4	0.4	0.4	0.4		HY	WAT			0.9	
Erie Blvd. Hydro - Beaver River	Belfort 2	E	24048		049	36	1915-01-01	0.6	0.6	0.6	0.6		HY	WAT			4.0	
Erie Blvd. Hydro - Beaver River	Belfort 3	E	24048		049	36	1918-01-01	1.0	1.0	1.0	1.0		HY	WAT			6.4	
Erie Blvd. Hydro - Beaver River	Eagle 1	E	24048		049	36	1914-01-01	1.3	1.2	1.3	1.3		HY	WAT			9.3	
Erie Blvd. Hydro - Beaver River	Eagle 2	E	24048		049	36	1915-01-01	1.4	1.3	1.4	1.4		HY	WAT			5.7	
Erie Blvd. Hydro - Beaver River	Eagle 3	E	24048		049	36	1919-01-01	1.4	1.3	1.4	1.4		HY	WAT			4.0	
Erie Blvd. Hydro - Beaver River	Eagle 4	E	24048		049	36	1925-01-01	2.1	2.0	2.1	2.1		HY	WAT			14.2	
Erie Blvd. Hydro - Beaver River	Effley 1	E	24048		049	36	1902-01-01	0.4	0.3	0.4	0.4		HY	WAT			2.7	
Erie Blvd. Hydro - Beaver River	Effley 2	E	24048		049	36	1907-01-01	0.4	0.3	0.4	0.4		HY	WAT			2.1	
Erie Blvd. Hydro - Beaver River	Effley 3	E	24048		049	36	1910-01-01	0.6	0.5	0.6	0.6		HY	WAT			3.5	
Erie Blvd. Hydro - Beaver River	Effley 4	E	24048		049	36	1923-01-01	1.6	1.5	1.6	1.6		HY	WAT			7.4	
Erie Blvd. Hydro - Beaver River	Elmer 1	E	24048		049	36	1916-01-01	0.8	0.9	0.8	0.8		HY	WAT			5.1	
Erie Blvd. Hydro - Beaver River	Elmer 2	E	24048		049	36	1916-01-01	0.8	0.9	0.8	0.8		HY	WAT			6.3	
Erie Blvd. Hydro - Beaver River	High Falls 1	E	24048		049	36	1925-01-01	1.6	1.9	1.6	1.6		HY	WAT			10.8	
Erie Blvd. Hydro - Beaver River	High Falls 2	E	24048		049	36	1925-01-01	1.6	1.9	1.6	1.6		HY	WAT			3.9	
Erie Blvd. Hydro - Beaver River	High Falls 3	E	24048		049	36	1925-01-01	1.6	1.9	1.6	1.6		HY	WAT			15.5	
Erie Blvd. Hydro - Beaver River	Moshier 1	E	24048		043	36	1929-01-01	4.0	4.0	4.0	4.0		HY	WAT			25.9	
Erie Blvd. Hydro - Beaver River	Moshier 2	E	24048		043	36	1929-01-01	4.0	4.0	4.0	4.0		HY	WAT			11.6	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Erie Blvd. Hydro - Beaver River	Soft Maple	1	E	24048		049	36	1925-01-01	7.5	8.0	7.5	7.5		HY	WAT			27.8	
Erie Blvd. Hydro - Beaver River	Soft Maple	2	E	24048		049	36	1925-01-01	7.5	8.0	7.5	7.5		HY	WAT			10.6	
Erie Blvd. Hydro - Beaver River	Taylorville	1	E	24048		049	36	1913-01-01	1.1	1.0	1.1	1.1		HY	WAT			6.0	
Erie Blvd. Hydro - Beaver River	Taylorville	2	E	24048		049	36	1913-01-01	1.1	1.0	1.1	1.1		HY	WAT			3.2	
Erie Blvd. Hydro - Beaver River	Taylorville	3	E	24048		049	36	1913-01-01	1.1	1.0	1.1	1.1		HY	WAT			6.1	
Erie Blvd. Hydro - Beaver River	Taylorville	4	E	24048		049	36	1927-01-01	1.2	1.1	1.2	1.2		HY	WAT			9.3	
Erie Blvd. Hydro - Black River	Beebee Island	1	E	24047		045	36	1963-01-01	4.0	4.4	4.0	4.0		HY	WAT			17.1	
Erie Blvd. Hydro - Black River	Beebee Island	2	E	24047		045	36	1968-01-01	4.0	4.4	4.0	4.0		HY	WAT			30.7	
Erie Blvd. Hydro - Black River	Black River	1	E	24047		045	36	1920-01-01	2.0	2.3	2.0	2.0		HY	WAT			7.9	
Erie Blvd. Hydro - Black River	Black River	2	E	24047		045	36	1920-01-01	2.0	2.3	2.0	2.0		HY	WAT			14.9	
Erie Blvd. Hydro - Black River	Black River	3	E	24047		045	36	1920-01-01	2.0	2.3	2.0	2.0		HY	WAT			7.2	
Erie Blvd. Hydro - Black River	Deferiet	1	E	24047		045	36	1925-01-01	3.6	3.7	3.6	3.6		HY	WAT			18.1	
Erie Blvd. Hydro - Black River	Deferiet	2	E	24047		045	36	1925-01-01	3.6	3.7	3.6	3.6		HY	WAT			29.2	
Erie Blvd. Hydro - Black River	Deferiet	3	E	24047		045	36	1925-01-01	3.6	3.7	3.6	3.6		HY	WAT			13.0	
Erie Blvd. Hydro - Black River	Herrings	1	E	24047		045	36	1924-01-01	1.8	1.8	1.8	1.8		HY	WAT			4.9	
Erie Blvd. Hydro - Black River	Herrings	2	E	24047		045	36	1924-01-01	1.8	1.8	1.8	1.8		HY	WAT			10.9	
Erie Blvd. Hydro - Black River	Herrings	3	E	24047		045	36	1924-01-01	1.8	1.8	1.8	1.8		HY	WAT			6.9	
Erie Blvd. Hydro - Black River	Kamargo	1	E	24047		045	36	1921-01-01	1.8	1.8	1.8	1.8		HY	WAT			7.4	
Erie Blvd. Hydro - Black River	Kamargo	2	E	24047		045	36	1921-01-01	1.8	1.8	1.8	1.8		HY	WAT			12.0	
Erie Blvd. Hydro - Black River	Kamargo	3	E	24047		045	36	1921-01-01	1.8	1.8	1.8	1.8		HY	WAT			4.2	
Erie Blvd. Hydro - Black River	Sewalls	1	E	24047		045	36	1925-01-01	1.0	1.1	1.0	1.0		HY	WAT			5.5	
Erie Blvd. Hydro - Black River	Sewalls	2	E	24047		045	36	1925-01-01	1.0	1.1	1.0	1.0		HY	WAT			8.0	
Erie Blvd. Hydro - East Canada Capital	Beardslee	1	F	24051		043	36	1924-01-01	10.0	9.5	10.0	10.5		HY	WAT			11.0	
Erie Blvd. Hydro - East Canada Capital	Beardslee	2	F	24051		043	36	1924-01-01	10.0	9.5	10.0	10.5		HY	WAT			37.3	
Erie Blvd. Hydro - East Canada Capital	Ephratah	1	F	24051		035	36	1920-01-01	1.4	0.7	1.4	1.4		HY	WAT			0.8	
Erie Blvd. Hydro - East Canada Capital	Ephratah	2	F	24051		035	36	1911-01-01	1.2	0.6	1.2	1.3		HY	WAT			0.0	
Erie Blvd. Hydro - East Canada Capital	Ephratah	3	F	24051		035	36	1911-01-01	1.3		0.0	0.0		HY	WAT			4.5	**(D) (2)**
Erie Blvd. Hydro - East Canada Capital	Ephratah	4	F	24051		035	36	1911-01-01	1.3	0.7	1.3	1.4		HY	WAT			8.0	
Erie Blvd. Hydro - East Canada Mohawk	Inghams	1	E	24050		043	36	1912-01-01	3.2	3.5	3.2	3.2		HY	WAT			13.2	
Erie Blvd. Hydro - East Canada Mohawk	Inghams	2	E	24050		043	36	1912-01-01	3.2	3.5	3.2	3.2		HY	WAT			17.2	
Erie Blvd. Hydro - Lower Hudson	Johnsonville	1	F	24059	Johnsonville	083	36	1909-01-01	2.4	1.3	2.4	2.4		HY	WAT			6.4	
Erie Blvd. Hydro - Lower Hudson	Johnsonville	2	F	24059	Johnsonville	083	36	1909-01-01	2.4		0.0	0.0		HY	WAT			0.2	**(D) (3)**
Erie Blvd. Hydro - Lower Hudson	Schaghticoke	1	F	24059	Schaghticoke	083	36	1908-01-01	3.3	4.1	3.3	3.3		HY	WAT			18.1	
Erie Blvd. Hydro - Lower Hudson	Schaghticoke	2	F	24059	Schaghticoke	083	36	1908-01-01	3.3	4.1	3.3	3.3		HY	WAT			18.8	
Erie Blvd. Hydro - Lower Hudson	Schaghticoke	3	F	24059	Schaghticoke	083	36	1908-01-01	3.3	4.1	3.3	3.3		HY	WAT			12.5	
Erie Blvd. Hydro - Lower Hudson	Schaghticoke	4	F	24059	Schaghticoke	083	36	1908-01-01	3.3	4.1	3.3	3.3		HY	WAT			20.2	
Erie Blvd. Hydro - Lower Hudson	School Street	1	F	24059	Cohoes	001	36	1974-01-01	7.2	6.9	7.2	7.2		HY	WAT			45.4	
Erie Blvd. Hydro - Lower Hudson	School Street	2	F	24059	Cohoes	001	36	1915-01-01	7.2	6.9	7.2	7.2		HY	WAT			40.6	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Erie Blvd. Hydro - Lower Hudson	School Street 3	F	24059	Cohoes	001	36	1915-01-01	7.2	6.9	7.2	7.2		HY	WAT			37.4	
Erie Blvd. Hydro - Lower Hudson	School Street 4	F	24059	Cohoes	001	36	1922-01-01	7.2	6.9	7.2	7.2		HY	WAT			23.0	
Erie Blvd. Hydro - Lower Hudson	School Street 5	F	24059	Cohoes	001	36	1924-01-01	10.0	9.6	10.0	10.0		HY	WAT			0.0	
Erie Blvd. Hydro - Lower Hudson	Schuylerville	F	24059	Schuylerville	091	36	1919-01-01	1.2	1.5	1.2	1.2		HY	WAT			6.6	
Erie Blvd. Hydro - Lower Raquette	Colton 1	E	24057		089	36	1962-01-01	10.0	10.0	10.0	10.0		HY	WAT			69.8	
Erie Blvd. Hydro - Lower Raquette	Colton 2	E	24057		089	36	1918-01-01	10.0	10.0	10.0	10.0		HY	WAT			56.2	
Erie Blvd. Hydro - Lower Raquette	Colton 3	E	24057		089	36	1928-01-01	10.0	10.0	10.0	10.0		HY	WAT			90.1	
Erie Blvd. Hydro - Lower Raquette	East Norfolk	E	24057		089	36	1928-01-01	3.0	4.0	3.0	3.0		HY	WAT			27.0	
Erie Blvd. Hydro - Lower Raquette	Hannawa Falls 1	E	24057		089	36	1914-01-01	3.6	3.7	3.6	3.6		HY	WAT			6.8	
Erie Blvd. Hydro - Lower Raquette	Hannawa Falls 2	E	24057		089	36	1920-01-01	3.6	3.7	3.6	3.6		HY	WAT			5.5	
Erie Blvd. Hydro - Lower Raquette	Higley 1	E	24057		089	36	1913-01-01	1.2	1.1	1.2	1.2		HY	WAT			10.1	
Erie Blvd. Hydro - Lower Raquette	Higley 2	E	24057		089	36	1913-01-01	1.2	1.1	1.2	1.2		HY	WAT			9.9	
Erie Blvd. Hydro - Lower Raquette	Higley 3	E	24057		089	36	1943-01-01	2.1	2.0	2.1	2.1		HY	WAT			10.9	
Erie Blvd. Hydro - Lower Raquette	Higley 4	E	24057		089	36	1943-01-01	2.1	2.0	2.1	2.1		HY	WAT			9.4	
Erie Blvd. Hydro - Lower Raquette	Norfolk	E	24057		089	36	1928-01-01	4.5	4.8	4.5	4.5		HY	WAT			28.6	
Erie Blvd. Hydro - Lower Raquette	Norwood	E	24057		089	36	1928-01-01	2.0	2.2	2.0	2.0		HY	WAT			15.3	
Erie Blvd. Hydro - Lower Raquette	Raymondville	E	24057		089	36	1928-01-01	2.0	2.1	2.0	2.0		HY	WAT			13.7	
Erie Blvd. Hydro - Lower Raquette	Sugar Island 1	E	24057		089	36	1924-01-01	2.6	2.1	2.6	2.6		HY	WAT			13.9	
Erie Blvd. Hydro - Lower Raquette	Sugar Island 2	E	24057		089	36	1924-01-01	2.4	2.0	2.4	2.4		HY	WAT			17.0	
Erie Blvd. Hydro - Lower Raquette	Yaleville 1	E	24057		089	36	1940-01-01	0.5	0.2	0.5	0.5		HY	WAT			2.3	
Erie Blvd. Hydro - Lower Raquette	Yaleville 2	E	24057		089	36	1940-01-01	0.7	0.3	0.7	0.7		HY	WAT			1.2	
Erie Blvd. Hydro - North Salmon	Allens Falls	D	24042		089	36	1927-01-01	4.4	5.0	4.4	4.4		HY	WAT			9.0	
Erie Blvd. Hydro - North Salmon	Chasm 1	D	24042		033	36	1913-01-01	1.0	1.1	1.0	1.0		HY	WAT			7.4	
Erie Blvd. Hydro - North Salmon	Chasm 2	D	24042		033	36	1913-01-01	1.0	1.1	1.0	1.0		HY	WAT			0.0	
Erie Blvd. Hydro - North Salmon	Chasm 3	D	24042		033	36	1926-01-01	1.4	1.6	1.4	1.4		HY	WAT			1.7	
Erie Blvd. Hydro - North Salmon	Franklin 1	D	24042		033	36	1911-01-01	1.1	1.1	1.1	1.1		HY	WAT			5.8	
Erie Blvd. Hydro - North Salmon	Franklin 2	D	24042		033	36	1926-01-01	1.1	1.1	1.1	1.1		HY	WAT			4.8	
Erie Blvd. Hydro - North Salmon	Hogansburg	D	24042		033	36	1930-01-01	0.7	0.3	0.7	0.7		HY	WAT			0.6	
Erie Blvd. Hydro - North Salmon	Macomb	D	24042		033	36	1940-01-01	1.0	0.9	1.0	1.0		HY	WAT			0.1	
Erie Blvd. Hydro - North Salmon	Parishville	D	24042		089	36	1925-01-01	2.4	2.3	2.4	2.4		HY	WAT			15.2	
Erie Blvd. Hydro - North Salmon	Piercefield 1	D	24042		089	36	1957-01-01	1.5	1.6	1.5	1.5		HY	WAT			10.7	
Erie Blvd. Hydro - North Salmon	Piercefield 2	D	24042		089	36	1924-01-01	0.6	0.6	0.6	0.6		HY	WAT			3.9	
Erie Blvd. Hydro - North Salmon	Piercefield 3	D	24042		089	36	1924-01-01	0.6	0.6	0.6	0.6		HY	WAT			4.1	
Erie Blvd. Hydro - NYS Barge	Hydraulic Race	A	23848		063	36	1942-01-01	4.7	3.1	4.7	4.6		HY	WAT			10.3	
Erie Blvd. Hydro - Oak Orchard	Glenwood 1	B	24046		073	36	1950-01-01	0.5	0.5	0.5	0.5		HY	WAT			2.0	
Erie Blvd. Hydro - Oak Orchard	Glenwood 2	B	24046		073	36	1950-01-01	0.5	0.5	0.5	0.5		HY	WAT			2.3	
Erie Blvd. Hydro - Oak Orchard	Glenwood 3	B	24046		073	36	1950-01-01	0.5	0.5	0.5	0.5		HY	WAT			1.5	
Erie Blvd. Hydro - Oak Orchard	Oak Orchard	B	24046		073	36	1941-01-01	0.4	0.3	0.4	0.3		HY	WAT			1.1	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Erie Blvd. Hydro - Oak Orchard	Waterport 1	B	24046		073	36	1941-01-01	2.3	1.6	2.3	2.2		HY	WAT			6.9	
Erie Blvd. Hydro - Oak Orchard	Waterport 2	B	24046		073	36	1968-01-01	2.5	1.8	2.5	2.4		HY	WAT			8.5	
Erie Blvd. Hydro - Oswegatchie	Browns Falls 1	E	24044		089	36	1923-01-01	7.5	8.0	7.5	7.5		HY	WAT			36.9	
Erie Blvd. Hydro - Oswegatchie	Browns Falls 2	E	24044		089	36	1923-01-01	7.5	8.0	7.5	7.5		HY	WAT			26.3	
Erie Blvd. Hydro - Oswegatchie	Eel Weir 1	E	24044		089	36	1928-01-01	0.5	0.3	0.5	0.5		HY	WAT			1.9	
Erie Blvd. Hydro - Oswegatchie	Eel Weir 2	E	24044		089	36	1938-01-01	1.1	0.8	1.1	1.1		HY	WAT			3.1	
Erie Blvd. Hydro - Oswegatchie	Eel Weir 3	E	24044		089	36	1938-01-01	1.1	0.8	1.1	1.1		HY	WAT			4.8	
Erie Blvd. Hydro - Oswegatchie	Flat Rock 1	E	24044		089	36	1924-01-01	3.0	2.6	3.0	3.0		HY	WAT			14.0	
Erie Blvd. Hydro - Oswegatchie	Flat Rock 2	E	24044		089	36	1924-01-01	3.0	2.6	3.0	3.0		HY	WAT			6.7	
Erie Blvd. Hydro - Oswegatchie	Heuvelton 1	E	24044		089	36	1924-01-01	0.5	0.4	0.5	0.5		HY	WAT			2.7	
Erie Blvd. Hydro - Oswegatchie	Heuvelton 2	E	24044		089	36	1924-01-01	0.5	0.4	0.5	0.5		HY	WAT			2.7	
Erie Blvd. Hydro - Oswegatchie	Lower Newton Falls 1	E	24044		089	36	2002-07-01	0.5	0.6	0.5	0.5		HY	WAT			3.2	
Erie Blvd. Hydro - Oswegatchie	Oswegatchie 1	E	24044		089	36	1937-01-01	0.6	1.3	0.6	0.6		HY	WAT			5.8	
Erie Blvd. Hydro - Oswegatchie	Oswegatchie 2	E	24044		089	36	1937-01-01	0.2	0.5	0.2	0.2		HY	WAT			3.2	
Erie Blvd. Hydro - Oswegatchie	South Edwards 1	E	24044		089	36	1937-01-01	1.0	1.2	1.0	1.0		HY	WAT			8.7	
Erie Blvd. Hydro - Oswegatchie	South Edwards 2	E	24044		089	36	1937-01-01	1.0	1.2	1.0	1.0		HY	WAT			5.4	
Erie Blvd. Hydro - Oswegatchie	South Edwards 3	E	24044		089	36	1921-01-01	0.7	0.8	0.7	0.7		HY	WAT			5.3	
Erie Blvd. Hydro - Oswegatchie	South Edwards 4	E	24044		089	36	1937-01-01	0.2	0.2	0.2	0.2		HY	WAT			0.6	
Erie Blvd. Hydro - Oswegatchie	Talcville 1	E	24044		089	36	1986-12-01	0.5	0.4	0.5	0.5		HY	WAT			0.0	
Erie Blvd. Hydro - Oswegatchie	Talcville 2	E	24044		089	36	1986-12-01	0.5	0.4	0.5	0.5		HY	WAT			0.6	
Erie Blvd. Hydro - Oswegatchie	Upper Newton Falls 2	E	24044		089	36	2002-07-01	0.5	0.4	0.5	0.5		HY	WAT			2.4	
Erie Blvd. Hydro - Oswegatchie	Upper Newton Falls 3	E	24044		089	36	2002-07-01	0.5	0.4	0.5	0.5		HY	WAT			3.5	
Erie Blvd. Hydro - Oswegatchie	Upper Newton Falls 4	E	24044		089	36	2002-07-01	0.5	0.4	0.5	0.5		HY	WAT			1.8	
Erie Blvd. Hydro - Seneca Oswego	Baldwinsville 1	C	24041		067	36	1927-01-01	0.3	0.2	0.3	0.3		HY	WAT			1.7	
Erie Blvd. Hydro - Seneca Oswego	Baldwinsville 2	C	24041		067	36	1927-01-01	0.3		0.0	0.0		HY	WAT			0.5	**(D) (4)**
Erie Blvd. Hydro - Seneca Oswego	Fulton 1 (MB - 8/1/13)	C	24041		075	36	1924-01-01	0.8	0.7	0.0	0.0		HY	WAT			1.8	**(M) (5a)**
Erie Blvd. Hydro - Seneca Oswego	Fulton 2 (MB - 8/1/13)	C	24041		075	36	1928-01-01	0.5	0.3	0.0	0.0		HY	WAT			0.5	**(M) (5b)**
Erie Blvd. Hydro - Seneca Oswego	Granby 1	C	24041		075	36	1983-05-01	5.0	5.1	5.0	5.1		HY	WAT			22.5	
Erie Blvd. Hydro - Seneca Oswego	Granby 2	C	24041		075	36	1983-05-01	5.0	5.1	5.0	5.1		HY	WAT			27.2	
Erie Blvd. Hydro - Seneca Oswego	Minetto 2	C	24041		075	36	1915-01-01	1.6	1.5	1.6	1.6		HY	WAT			8.9	
Erie Blvd. Hydro - Seneca Oswego	Minetto 3	C	24041		075	36	1915-01-01	1.6	1.5	1.6	1.6		HY	WAT			9.9	
Erie Blvd. Hydro - Seneca Oswego	Minetto 4	C	24041		075	36	1915-01-01	1.6	1.5	1.6	1.6		HY	WAT			9.1	
Erie Blvd. Hydro - Seneca Oswego	Minetto 5	C	24041		075	36	1975-01-01	1.6	1.5	1.6	1.6		HY	WAT			6.3	
Erie Blvd. Hydro - Seneca Oswego	Minetto 6	C	24041		075	36	1975-01-01	1.6	1.5	1.6	1.6		HY	WAT			7.2	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls E 1	C	24041		075	36	1914-01-01	1.5	1.5	1.5	1.6		HY	WAT			11.3	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls E 2	C	24041		075	36	1914-01-01	1.5	1.5	1.5	1.6		HY	WAT			8.3	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls E 3	C	24041		075	36	1914-01-01	1.5	1.5	1.5	1.6		HY	WAT			4.3	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 4	C	24041		075	36	1914-01-01	0.9	1.0	0.9	0.9		HY	WAT			5.1	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 5	C	24041		075	36	1914-01-01	0.9	1.0	0.9	0.9		HY	WAT			5.5	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 6	C	24041		075	36	2007-01-01	0.5	0.5	0.5	0.5		HY	WAT			0.1	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 7	C	24041		075	36	2007-01-01	0.5	0.5	0.5	0.5		HY	WAT			0.6	
Erie Blvd. Hydro - Seneca Oswego	Varick 2	C	24041		075	36	1926-01-01	2.2	1.9	2.2	2.3		HY	WAT			10.3	
Erie Blvd. Hydro - Seneca Oswego	Varick 3	C	24041		075	36	1926-01-01	2.2	2.1	2.2	2.3		HY	WAT			6.4	
Erie Blvd. Hydro - Seneca Oswego	Varick 4	C	24041		075	36	1926-01-01	2.2	1.9	2.2	2.3		HY	WAT			7.6	
Erie Blvd. Hydro - Seneca Oswego	Varick 5	C	24041		075	36	1926-01-01	2.2	1.9	2.2	2.3		HY	WAT			7.9	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 1	C	24043		075	36	1964-01-01	6.4	7.0	6.4	6.4		HY	WAT			8.0	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 2	C	24043		075	36	1966-01-01	6.4	7.0	6.4	6.4		HY	WAT			23.7	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 3	C	24043		075	36	1970-01-01	7.0	7.7	7.0	7.0		HY	WAT			37.4	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 4	C	24043		075	36	1970-01-01	7.0	7.7	7.0	7.0		HY	WAT			35.6	
Erie Blvd. Hydro - South Salmon	Lighthouse Hill 1	C	24043		075	36	1930-01-01	3.8	4.1	3.8	3.7		HY	WAT			17.0	
Erie Blvd. Hydro - South Salmon	Lighthouse Hill 2	C	24043		075	36	1930-01-01	3.8	4.1	3.8	3.7		HY	WAT			8.6	
Erie Blvd. Hydro - Upper Hudson	E J West 1	F	24058		091	36	1930-01-01	10.0	11.9	10.0	10.0		HY	WAT			29.6	
Erie Blvd. Hydro - Upper Hudson	E J West 2	F	24058		091	36	1930-01-01	10.0	11.9	10.0	10.0		HY	WAT			33.2	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 1	F	24058		091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			6.1	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 2	F	24058		091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			5.3	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 3	F	24058		091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			5.0	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 4	F	24058		091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			5.3	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 5	F	24058		091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			6.2	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 1	F	24058		113	36	2009-03-01	8.0		0.0	0.0		HY	WAT			33.7	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 2	F	24058		113	36	1923-01-01	7.2	8.1	7.2	7.2		HY	WAT			43.3	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 3	F	24058		113	36	1923-01-01	8.7	9.7	8.7	8.7		HY	WAT			31.9	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 4	F	24058		113	36	1923-01-01	7.2	8.1	7.2	7.2		HY	WAT			36.4	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 5	F	24058		113	36	1923-01-01	7.2	8.1	7.2	7.2		HY	WAT			18.7	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 6	F	24058		113	36	2009-02-02	1.0		0.0	0.0		HY	WAT			9.9	
Erie Blvd. Hydro - Upper Hudson	Spier Falls 1	F	24058		091	36	1924-01-01	6.8	8.4	6.8	6.8		HY	WAT			49.7	
Erie Blvd. Hydro - Upper Hudson	Spier Falls 2	F	24058		091	36	1930-01-01	37.6	46.9	37.6	37.6		HY	WAT			175.4	
Erie Blvd. Hydro - Upper Hudson	Stewarts Bridge	F	24058		091	36	1952-01-01	30.0	35.8	30.0	30.0		HY	WAT			100.0	
Erie Blvd. Hydro - Upper Raquette	Blake	E	24056		089	36	1957-01-01	14.4	15.6	14.4	14.4		HY	WAT			64.1	
Erie Blvd. Hydro - Upper Raquette	Five Falls	E	24056		089	36	1955-01-01	22.5	24.4	22.5	22.5		HY	WAT			106.8	
Erie Blvd. Hydro - Upper Raquette	Rainbow Falls	E	24056		089	36	1956-01-01	22.5	24.4	22.5	22.5		HY	WAT			110.5	
Erie Blvd. Hydro - Upper Raquette	South Colton	E	24056		089	36	1954-01-01	19.4	20.9	19.4	19.3		HY	WAT			92.8	
Erie Blvd. Hydro - Upper Raquette	Stark	E	24056		089	36	1957-01-01	22.5	24.6	22.5	22.5		HY	WAT			106.2	
Erie Blvd. Hydro - West Canada	Prospect	E	24049		043	36	1959-01-01	17.3	21.7	17.3	17.3		HY	WAT			75.5	
Erie Blvd. Hydro - West Canada	Trenton Falls 5	E	24049		065	36	1919-01-01	6.8	9.6	6.8	6.8		HY	WAT			55.6	
Erie Blvd. Hydro - West Canada	Trenton Falls 6	E	24049		065	36	1919-01-01	6.4	9.1	6.4	6.4		HY	WAT			50.1	
Erie Blvd. Hydro - West Canada	Trenton Falls 7	E	24049		065	36	1922-01-01	6.4	9.1	6.4	6.4		HY	WAT			40.4	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Erie Blvd. Hydropower LP	West Delaware Hydro	G	323627	Grahamsville	105	36	1988-12-01	7.5	7.5	7.5	7.5		HY	WAT			39.1	
Erie Wind, LLC	Erie Wind	A	323693	Lackawanna	029	36	2012-02-01	15.0		0.0	0.0		WT	WND			41.4	
Exelon Generation Company, LLC	Chaffee	A	323603	Chaffee	029	36	2007-08-09	6.4	6.4	6.4	6.4		IC	MTE			51.4	
Exelon Generation Company, LLC	High Acres 1	C	23767	Fairport	117	36	1991-06-01	3.2	3.2	3.2	3.2		IC	MTE			25.4	
Exelon Generation Company, LLC	High Acres 2	C	23767	Fairport	117	36	2008-02-28	6.4	6.4	6.4	6.4		IC	MTE			51.9	
Exelon Generation Company, LLC	Madison County LF	E	323628	Wampsville	053	36	2010-03-01	1.6	1.6	1.6	1.6		IC	MTE			6.5	
Exelon Generation Company, LLC	Mill Seat	B	323607	Riga	055	36	2007-07-20	6.4	6.4	6.4	6.4		IC	MTE			54.8	
Exelon Generation Company, LLC	Monroe Livingston	B	24207	Scottsville	055	36	1988-11-01	2.4	2.4	2.4	2.4		IC	MTE			8.8	
Exelon Generation Company, LLC	Oneida-Herkimer LFGE	E	323681	Boonville	065	36	2012-04-01	3.2		0.0	0.0		IC	MTE			21.0	
Exelon Generation Company, LLC	Synergy Biogas	B	323694	Wyoming	121	36	2012-09-01	2.0	2.0	0.0	0.0		IC	MTE			8.4	
Flat Rock Windpower II, LLC	Maple Ridge Wind 2	E	323611	Lowville	049	36	2007-12-01	90.7	90.7	90.7	90.7		WT	WND			209.2	
Flat Rock Windpower, LLC	Maple Ridge Wind 1	E	323574	Lowville	049	36	2006-01-01	231.0	231.0	231.0	231.0		WT	WND			544.6	
Freeport Electric	Freeport 1-1 (Ret. - 5/1/13)	K	1660	Freeport	059	36	1941-08-01	2.1	0.0	0.0	0.0		IC	FO2			0.0	**(R) (6)**
Freeport Electric	Freeport 1-2	K	1660	Freeport	059	36	1949-08-01	2.9	0.0	2.5	2.9		IC	FO2			0.0	
Freeport Electric	Freeport 1-3	K	1660	Freeport	059	36	1954-08-01	3.1	2.0	2.7	3.0		IC	FO2			0.0	
Freeport Electric	Freeport 1-4	K	1660	Freeport	059	36	1964-10-01	5.1	5.1	4.5	5.0		IC	FO2			0.2	
Freeport Electric	Freeport 2-3	K	1660	Freeport	059	36	1973-05-01	18.1	19.5	15.9	17.8		GT	FO2			0.7	
Freeport Electric	Freeport CT 2	K	23818	Freeport	059	36	2004-03-01	60.5	50.3	48.5	49.6		GT	NG	FO2		64.6	
GenOn Energy Management, LLC	Bowline 1	G	23526	West Haverstraw	087	36	1972-09-01	621.0	577.7	578.4	581.5		ST	NG	FO6		1,165.2	
GenOn Energy Management, LLC	Bowline 2	G	23595	West Haverstraw	087	36	1974-05-01	621.0	557.4	179.9	182.5		ST	NG	FO6		56.2	
Hampshire Paper Co., Inc.	Hampshire Paper	E	323593	Gouverneur	089	36	1987-03-01	3.4	3.5	3.4	3.4		HY	WAT			21.0	
Hardscrabble Wind Power LLC	Hardscrabble Wind	E	323673	Fairfield	043	36	2011-02-01	74.0	74.0	74.0	74.0		WT	WND			181.1	
Howard Wind LLC	Howard Wind	C	323690	Howard	101	36	2011-12-01	57.4	57.4	57.4	57.4		WT	WND			134.1	
Indeck Energy Services of Silver Springs	Indeck-Silver Springs	C	23768	Silver Springs	121	36	1991-04-01	56.6	51.5	50.7	61.3	YES	CC	NG	FO2		47.2	
Indeck-Corinth LP	Indeck-Corinth	F	23802	Corinth	091	36	1995-07-01	147.0	131.2	128.9	132.1	YES	CC	NG	FO2		904.2	
Indeck-Olean LP	Indeck-Olean	A	23982	Olean	009	36	1993-12-01	90.6	79.4	75.7	83.8	YES	CC	NG	FO2		137.0	
Indeck-Oswego LP	Indeck-Oswego	C	23783	Oswego	075	36	1990-05-01	57.4	51.6	49.3	60.2		CC	NG	FO2		46.8	
Indeck-Yerkes LP	Indeck-Yerkes	A	23781	Tonawanda	029	36	1990-02-01	59.9	49.7	45.9	57.0	YES	CC	NG	FO2		56.5	
Innovative Energy Systems, Inc.	Chautauqua LFGE	A	323629	Jamestown	013	36	2010-02-12	9.6	6.4	6.4	6.4		IC	MTE			48.4	
Innovative Energy Systems, Inc.	Clinton LFGE	D	323618	Morrisonville	019	36	2008-10-01	6.4	6.4	6.4	6.4		IC	MTE			42.1	
Innovative Energy Systems, Inc.	Colonie LFGTE	F	323577	Colonie	001	36	2006-03-01	4.8	4.8	4.8	4.8		IC	MTE			31.5	
Innovative Energy Systems, Inc.	DANC LFGE	E	323619	Watertown	045	36	2008-09-08	6.4	6.4	6.4	6.4		IC	MTE			46.4	
Innovative Energy Systems, Inc.	Fulton LFGE	F	323630	Johnstown	035	36	2010-06-04	3.2	0.0	3.2	3.2		IC	MTE			13.3	
Innovative Energy Systems, Inc.	Hyland LFGE	B	323620	Angelica	003	36	2008-09-08	4.8	4.8	4.8	4.8		IC	MTE			32.9	
Innovative Energy Systems, Inc.	Steuben County LF	C	323667	Bath	101	36	2012-08-01	3.2	3.2	3.2	3.2		IC	MTE			24.5	
International Paper Company	Ticonderoga	F	23804	Ticonderoga	031	36	1970-01-01	42.1	7.6	9.8	9.8	YES	ST	FO6			0.1	
Jamestown Board of Public Utilities	Jamestown 5	A	1658	Jamestown	013	36	1951-08-01	28.7	23.0	18.0	23.5	YES	ST	BIT	NG		18.3	
Jamestown Board of Public Utilities	Jamestown 6	A	1658	Jamestown	013	36	1968-08-01	25.0	22.4	15.7	20.4	YES	ST	BIT	NG		40.7	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Jamestown Board of Public Utilities	Jamestown 7	A	1659	Jamestown	013	36	2002-01-01	47.3	40.0	38.6	46.2	YES	GT	NG			202.9	
Lakeside New York, LLC	Beaver Falls	E	23983	Beaver Falls	049	36	1995-03-01	107.8	80.2	80.7	90.6		CC	NG	FO2		6.0	
Lakeside New York, LLC	Syracuse	C	23985	Syracuse	067	36	1993-09-01	102.7	86.8	85.9	94.8		CC	NG	FO3		25.3	
Long Island Power Authority	Babylon (RR)	K	323704	Babylon	103	36	1989-04-01	17.0	15.5	14.1	14.8		ST	REF			110.5	
Long Island Power Authority	Barrett 03	K	23706	Island Park	059	36	1970-06-01	18.0	17.9	17.5	20.4		GT	NG	FO2		3.9	
Long Island Power Authority	Barrett 04	K	23707	Island Park	059	36	1970-07-01	18.0	17.7	17.7	20.5		GT	NG	FO2		5.5	
Long Island Power Authority	Barrett 05	K	23708	Island Park	059	36	1970-07-01	18.0	17.8	17.0	20.0		GT	NG	FO2		7.2	
Long Island Power Authority	Barrett 06	K	23709	Island Park	059	36	1970-07-01	18.0	17.8	16.7	20.2		GT	NG	FO2		6.0	
Long Island Power Authority	Barrett 08	K	23711	Island Park	059	36	1970-07-01	18.0	17.3	17.0	20.0		GT	NG	FO2		7.7	
Long Island Power Authority	Barrett 09	K	23700	Island Park	059	36	1971-06-01	41.8	43.4	39.8	49.2		JE	NG	FO2		14.2	
Long Island Power Authority	Barrett 10	K	23701	Island Park	059	36	1971-06-01	41.8	42.7	39.5	49.3		JE	NG	FO2		18.8	
Long Island Power Authority	Barrett 11	K	23702	Island Park	059	36	1971-06-01	41.8	43.3	40.0	49.3		JE	NG	FO2		32.2	
Long Island Power Authority	Barrett 12	K	23703	Island Park	059	36	1971-06-01	41.8	44.0	40.2	48.8		JE	NG	FO2		24.6	
Long Island Power Authority	Barrett GT 01	K	23704	Island Park	059	36	1970-06-01	18.0	18.1	16.3	19.3		GT	NG	FO2		2.1	
Long Island Power Authority	Barrett GT 02	K	23705	Island Park	059	36	1970-06-01	18.0	17.4	14.9	17.5		GT	NG	FO2		6.8	
Long Island Power Authority	Barrett ST 01	K	23545	Island Park	059	36	1956-11-01	188.0	200.2	195.2	194.5		ST	NG	FO6		322.9	
Long Island Power Authority	Barrett ST 02	K	23546	Island Park	059	36	1963-10-01	188.0	197.5	196.2	194.2		ST	NG	FO6		702.5	
Long Island Power Authority	Bethpage 3	K	323564	Hicksville	059	36	2005-05-01	96.0	79.9	77.1	77.5		CC	NG			221.7	
Long Island Power Authority	Caithness_CC_1	K	323624	Brookhaven	103	36	2009-08-01	375.0	315.6	309.6	355.0		CC	NG	FO2		2,384.8	
Long Island Power Authority	East Hampton 2	K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	2.0		IC	FO2			0.6	
Long Island Power Authority	East Hampton 3	K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	2.0		IC	FO2			0.6	
Long Island Power Authority	East Hampton 4	K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	2.0		IC	FO2			0.6	
Long Island Power Authority	East Hampton GT 01	K	23717	E Hampton	103	36	1970-12-01	21.3	19.2	18.9	23.6		JE	FO2			7.0	
Long Island Power Authority	Far Rockaway GT1	K	24212	Far Rockaway	081	36	2002-07-01	60.5	53.5	53.9	57.1		JE	NG			153.0	
Long Island Power Authority	Far Rockaway GT2	K	23815	Jamaica Bay	081	36	2003-07-02	60.5	55.4	54.3	53.8		JE	FO2			17.8	
Long Island Power Authority	Freeport CT 1	K	23764	Freeport	059	36	2004-06-01	60.0	48.3	48.9	49.6		GT	NG	FO2		109.2	
Long Island Power Authority	Glenwood GT 01	K	23712	Glenwood	059	36	1967-04-01	16.0	14.6	11.8	17.2		GT	FO2			0.2	
Long Island Power Authority	Glenwood GT 02	K	23688	Glenwood	059	36	1972-06-01	55.0	52.7	49.6	62.0		GT	FO2			0.6	
Long Island Power Authority	Glenwood GT 03	K	23689	Glenwood	059	36	1972-06-01	55.0	52.7	55.1	66.5		GT	FO2			1.8	
Long Island Power Authority	Glenwood GT 04	K	24219	Glenwood	059	36	2002-06-01	53.0	40.3	42.1	46.0		GT	NG	FO2		55.5	
Long Island Power Authority	Glenwood GT 05	K	24220	Glenwood	059	36	2002-06-01	53.0	40.0	38.6	44.6		GT	NG	FO2		82.7	
Long Island Power Authority	Greenport GT1	K	23814	Greenport	103	36	2003-07-02	54.0	51.9	52.5	55.1		JE	FO2			28.1	
Long Island Power Authority	Hempstead (RR)	K	23647	Hempstead	059	36	1989-10-01	78.6	73.7	72.3	73.6		ST	REF			559.5	
Long Island Power Authority	Holtsville 01	K	23690	Holtsville	103	36	1974-07-01	56.7	55.1	51.9	65.2		JE	FO2			6.0	
Long Island Power Authority	Holtsville 02	K	23691	Holtsville	103	36	1974-07-01	56.7	55.3	48.4	59.9		JE	FO2			4.5	
Long Island Power Authority	Holtsville 03	K	23692	Holtsville	103	36	1974-07-01	56.7	52.1	47.3	62.0		JE	FO2			3.6	
Long Island Power Authority	Holtsville 04	K	23693	Holtsville	103	36	1974-07-01	56.7	52.7	50.5	59.3		JE	FO2			2.9	
Long Island Power Authority	Holtsville 05	K	23694	Holtsville	103	36	1974-07-01	56.7	53.3	51.5	63.7		JE	FO2			3.3	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Long Island Power Authority	Holtsville 06	K	23695	Holtsville	103	36	1975-07-01	56.7	53.0	51.5	63.9		JE	FO2			7.8	
Long Island Power Authority	Holtsville 07	K	23696	Holtsville	103	36	1975-07-01	56.7	55.1	51.1	60.2		JE	FO2			8.6	
Long Island Power Authority	Holtsville 08	K	23697	Holtsville	103	36	1975-07-01	56.7	57.4	54.3	65.9		JE	FO2			10.2	
Long Island Power Authority	Holtsville 09	K	23698	Holtsville	103	36	1975-07-01	56.7	57.5	54.3	68.5		JE	FO2			11.7	
Long Island Power Authority	Holtsville 10	K	23699	Holtsville	103	36	1975-07-01	56.7	55.1	52.2	65.9		JE	FO2			7.6	
Long Island Power Authority	Huntington (RR)	K	323705	Huntington	103	36	1991-12-01	28.0	24.7	24.3	24.7		ST	REF			192.4	
Long Island Power Authority	Islip (RR)	K	323679	Ronkonkoma	103	36	1990-03-01	12.5	11.2	8.9	8.8		ST	REF			55.8	
Long Island Power Authority	Long Island Solar Farm	K	323691	Upton	103	36	2011-11-01	31.5	31.5	31.5	31.5		PV	SUN			51.8	
Long Island Power Authority	Montauk 02 (Ret. - 5/4/13)	K	23721	Montauk	103	36	1971-05-01	2.0	2.0	0.0	0.0		IC	FO2			0.0	**(R) (7)**
Long Island Power Authority	Montauk 03 (Ret. - 5/4/13)	K	23721	Montauk	103	36	1965-11-01	2.0	2.0	0.0	0.0		IC	FO2			0.1	**(R) (8)**
Long Island Power Authority	Montauk 04 (Ret. - 5/4/13)	K	23721	Montauk	103	36	1965-11-01	2.0	2.0	0.0	0.0		IC	FO2			0.1	**(R) (9)**
Long Island Power Authority	Northport 1	K	23551	Northport	103	36	1967-07-01	387.0	395.0	397.7	391.3		ST	NG	FO6		314.5	
Long Island Power Authority	Northport 2	K	23552	Northport	103	36	1968-06-01	387.0	396.0	393.5	398.7		ST	NG	FO6		658.5	
Long Island Power Authority	Northport 3	K	23553	Northport	103	36	1972-07-01	387.0	399.2	396.0	397.0		ST	NG	FO6		621.7	
Long Island Power Authority	Northport 4	K	23650	Northport	103	36	1977-12-01	387.0	399.2	395.5	395.0		ST	NG	FO6		1,599.5	
Long Island Power Authority	Northport GT	K	23718	Northport	103	36	1967-03-01	16.0	13.8	12.4	15.9		GT	FO2			0.1	
Long Island Power Authority	Oceanside (LF)	K	5008	Oceanside	059	36	1991-02-01	2.1	1.1	0.0	0.0		IC	MTE			2.1	
Long Island Power Authority	Oyster Bay (LF)	K	5009	Bethpage	059	36	1986-07-01	1.3	0.0	0.0	0.0		IC	MTE			0.0	
Long Island Power Authority	Pilgrim GT1	K	24216	Brentwood	103	36	2002-08-01	50.0	45.6	45.4	46.2		GT	NG			107.7	
Long Island Power Authority	Pilgrim GT2	K	24217	Brentwood	103	36	2002-08-01	50.0	46.2	46.1	46.1		GT	NG			104.9	
Long Island Power Authority	Pinelawn Power 1	K	323563	Babylon	103	36	2005-06-01	82.0	78.0	77.6	77.7		CC	NG	KER		257.0	
Long Island Power Authority	Port Jefferson 3	K	23555	Port Jefferson	103	36	1958-11-01	188.0	194.5	195.0	193.5		ST	FO6	NG		128.4	
Long Island Power Authority	Port Jefferson 4	K	23616	Port Jefferson	103	36	1960-11-01	188.0	198.7	197.7	194.5		ST	FO6	NG		217.6	
Long Island Power Authority	Port Jefferson GT 01	K	23713	Port Jefferson	103	36	1966-12-01	16.0	14.1	12.8	17.2		GT	FO2			0.1	
Long Island Power Authority	Port Jefferson GT 02	K	24210	Port Jefferson	103	36	2002-07-01	53.0	42.0	43.3	48.1		GT	NG	FO2		91.9	
Long Island Power Authority	Port Jefferson GT 03	K	24211	Port Jefferson	103	36	2002-07-01	53.0	41.1	39.7	46.0		GT	NG	FO2		52.0	
Long Island Power Authority	S Hampton 1	K	23720	South Hampton	103	36	1963-03-01	11.5	10.3	8.4	11.8		GT	FO2			1.7	
Long Island Power Authority	Shoreham 1	K	23715	Shoreham	103	36	1971-07-01	52.9	48.9	47.7	62.8		GT	FO2			2.2	
Long Island Power Authority	Shoreham 2	K	23716	Shoreham	103	36	1984-04-01	18.6	18.5	15.4	22.2		JE	FO2			0.8	
Long Island Power Authority	Shoreham GT3	K	24213	Shoreham	103	36	2002-08-01	50.0	45.1	43.6	44.4		GT	FO2			10.3	
Long Island Power Authority	Shoreham GT4	K	24214	Shoreham	103	36	2002-08-01	50.0	41.9	43.2	45.3		GT	FO2			9.2	
Long Island Power Authority	Smithtown (LF)	K	5010	Smithtown	103	36	1985-12-01	1.1	0.0	0.0	0.0		IC	MTE			0.0	
Long Island Power Authority	South Oaks Hosp	K	5011	Amityville	103	36	1990-06-01	1.0	0.0	0.0	0.0		IC	NG			0.0	
Long Island Power Authority	Southold 1	K	23719	Southold	103	36	1964-08-01	14.0	12.3	9.1	11.3		GT	FO2			1.6	
Long Island Power Authority	Stony Brook	K	24151	Stony Brook	103	36	1995-04-01	47.0	9.6	14.7	19.6	YES	GT	NG	FO2		311.9	
Long Island Power Authority	Trigen-NDEC	K	323695	Garden City	059	36	1991-03-01	55.0	51.6	45.6	55.8	YES	CC	NG	FO2		364.4	
Long Island Power Authority	Wading River 1	K	23522	Shoreham	103	36	1989-08-01	79.5	81.2	78.5	97.2		GT	FO2			15.7	
Long Island Power Authority	Wading River 2	K	23547	Shoreham	103	36	1989-08-01	79.5	81.3	77.5	101.3		GT	FO2			16.1	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Long Island Power Authority	Wading River 3	K	23601	Shoreham	103	36	1989-08-01	79.5	81.3	75.9	96.5		GT	FO2			11.3	
Long Island Power Authority	West Babylon 4	K	23714	West Babylon	103	36	1971-08-01	52.4	49.0	49.9	62.9		GT	FO2			2.3	
Long Island Power Authority	Yaphank (LF)	K	5012	Yaphank	103	36	1983-09-01	1.6	1.5	0.0	0.0		IC	MTE			0.0	
Lyonsdale BioMass, LLC	Black River (Active - 6/1/13)	E	23780	Watertown	045	36	2013-05-30	55.5	55.6	51.4	52.1		ST	WD			173.8	**(E) (10)**
Lyonsdale BioMass, LLC	Lyonsdale Power	E	23803	Lyonsdale	049	36	1992-08-01	21.1	20.2	20.6	20.6	YES	ST	WD			160.3	
Madison Windpower, LLC	Madison Wind Power	E	24146	Madison	053	36	2000-09-01	11.6	11.5	11.6	11.6		WT	WND			20.5	
Marble River LLC	Marble River Wind	D	323696	Ellenburg	019	36	2012-07-01	215.5	0.0	0.0	0.0		WT	WND			513.0	
Model City Energy LLC	Model City Energy	A	24167	Lewiston	063	36	2001-06-01	5.6	5.6	5.6	5.6		IC	MTE			42.7	
Modern Innovative Energy, LLC	Modern LF	A	323580	Lewiston	063	36	2006-02-01	6.4	6.4	6.4	6.4		IC	MTE			42.4	
New York Power Authority	Ashokan 1	G	23654	Ashokan	111	36	1982-11-01	2.3	1.8	2.3	2.3		HY	WAT			3.9	
New York Power Authority	Ashokan 2	G	23654	Ashokan	111	36	1982-11-01	2.3	1.8	2.3	2.3		HY	WAT			6.9	
New York Power Authority	Astoria CC 1	J	323568	Queens	081	36	2006-01-01	288.0	246.2	232.1	256.3		CC	NG	JF	KER	1,714.2	
New York Power Authority	Astoria CC 2	J	323569	Queens	081	36	2006-01-01	288.0	246.2	232.2	256.3		CC	NG	JF	KER	1,656.1	
New York Power Authority	Blenheim - Gilboa 1	F	23756	Gilboa NY	095	36	1973-07-01	290.0	290.7	292.2	292.2		PS	WAT			32.1	
New York Power Authority	Blenheim - Gilboa 2	F	23757	Gilboa NY	095	36	1973-07-01	290.0	291.2	291.4	292.1		PS	WAT			140.4	
New York Power Authority	Blenheim - Gilboa 3	F	23758	Gilboa NY	095	36	1973-07-01	290.0	291.7	291.0	291.2		PS	WAT			46.9	
New York Power Authority	Blenheim - Gilboa 4	F	23759	Gilboa NY	095	36	1973-07-01	290.0	291.5	291.5	293.7		PS	WAT			31.3	
New York Power Authority	Brentwood	K	24164	Brentwood	103	36	2001-08-01	50.0	47.1	44.0	46.4		GT	NG			78.8	
New York Power Authority	Crescent 1	F	24018	Crescent	001	36	1991-07-01	2.8	3.2	2.8	2.8		HY	WAT			12.0	
New York Power Authority	Crescent 2	F	24018	Crescent	001	36	1991-07-01	2.8	3.2	2.8	2.8		HY	WAT			15.5	
New York Power Authority	Crescent 3	F	24018	Crescent	001	36	1991-07-01	3.0	3.2	3.0	3.0		HY	WAT			17.6	
New York Power Authority	Crescent 4	F	24018	Crescent	001	36	1991-07-01	3.0	3.2	3.0	3.0		HY	WAT			14.2	
New York Power Authority	Flynn	K	23794	Holtsville	103	36	1994-05-01	170.0	135.5	134.4	161.9		CC	NG	FO2		1,208.0	
New York Power Authority	Gowanus 5	J	24156	Brooklyn	047	36	2001-08-01	50.0	45.4	40.0	40.0		GT	NG			98.7	
New York Power Authority	Gowanus 6	J	24157	Brooklyn	047	36	2001-08-01	50.0	46.1	39.9	43.1		GT	NG			86.4	
New York Power Authority	Grahamsville	G	23607	Grahamsville	105	36	1956-12-01	18.0	16.3	18.0	18.0		HY	WAT			52.4	
New York Power Authority	Greenport IC 4	K	1652	Greenport	103	36	1957-06-06	1.2	1.7	1.0	1.0		IC	FO2			0.0	
New York Power Authority	Greenport IC 5	K	1652	Greenport	103	36	1965-07-08	1.8	1.7	1.5	1.5		IC	FO2			0.0	
New York Power Authority	Greenport IC 6	K	1652	Greenport	103	36	1971-09-17	3.8	2.7	2.5	2.5		IC	FO2			0.0	
New York Power Authority	Harlem River 1	J	24160	Bronx	005	36	2001-08-01	50.0	46.0	39.9	39.9		GT	NG			21.5	
New York Power Authority	Harlem River 2	J	24161	Bronx	005	36	2001-08-01	50.0	45.2	40.0	40.0		GT	NG			19.6	
New York Power Authority	Hellgate 1	J	24158	Bronx	005	36	2001-08-01	50.0	45.0	40.0	39.9		GT	NG			19.3	
New York Power Authority	Hellgate 2	J	24159	Bronx	005	36	2001-08-01	50.0	45.0	39.9	40.0		GT	NG			25.5	
New York Power Authority	Jarvis 1	E	23743	Hinckley	065	36	1991-07-01	4.5	4.5	4.5	4.5		HY	WAT			23.9	
New York Power Authority	Jarvis 2	E	23743	Hinckley	065	36	1991-07-01	4.5	4.5	4.5	4.5		HY	WAT			0.0	
New York Power Authority	Kent	J	24152	Brooklyn	047	36	2001-08-01	50.0	46.9	45.1	46.6		GT	NG			49.8	
New York Power Authority	Lewiston PS (Fleet)	A	23760	Niagara Falls	063	36	1961-01-01	240.0	240.0	240.0	240.0		PS	WAT			514.9	
New York Power Authority	Moses Niagara (Fleet)	A	23760	Niagara Falls	063	36	1961-01-01	2,860.0	2,460.0	2,438.5	2,442.0		HY	WAT			13,313.9	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
New York Power Authority	Neversink	G	23608	Grahamsville	105	36	1953-12-01	25.0	22.0	25.0	25.0		HY	WAT			30.3	
New York Power Authority	Pouch	J	24155	Staten Island	085	36	2001-08-01	50.0	47.1	45.5	46.8		GT	NG			107.8	
New York Power Authority	St Lawrence - FDR (Fleet)	D	23600	Massena	089	36	1958-07-01	1,088.0	856.0	833.5	820.8		HY	WAT			6,696.2	
New York Power Authority	Vernon Blvd 2	J	24162	Queens	081	36	2001-08-01	50.0	46.2	40.0	40.0		GT	NG			38.6	
New York Power Authority	Vernon Blvd 3	J	24163	Queens	081	36	2001-08-01	50.0	43.8	39.9	39.9		GT	NG			41.2	
New York Power Authority	Vischer Ferry 1	F	24020	Vischer Ferry	091	36	1991-07-01	2.8	3.2	2.8	2.9		HY	WAT			14.2	
New York Power Authority	Vischer Ferry 2	F	24020	Vischer Ferry	091	36	1991-07-01	2.8	3.2	2.8	2.9		HY	WAT			14.3	
New York Power Authority	Vischer Ferry 3	F	24020	Vischer Ferry	091	36	1991-07-01	3.0	3.2	3.0	2.9		HY	WAT			1.8	
New York Power Authority	Vischer Ferry 4	F	24020	Vischer Ferry	091	36	1991-07-01	3.0	3.2	3.0	2.9		HY	WAT			14.6	
New York State Elec. & Gas Corp.	AA Dairy	C	5013	Ithaca	109	36	1998-06-01	0.1		0.0	0.0		IC	MTE			0.0	
New York State Elec. & Gas Corp.	Alice Falls 1	D	23915	Ausable	019	36	1991-11-01	1.5	1.6	0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Alice Falls 2	D	23915	Ausable	019	36	1991-11-01	0.6	0.6	0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Allegheny 8	C	23528	Kittanning	005	42	1990-10-01	16.0	14.7	16.0	16.0		HY	WAT			84.9	
New York State Elec. & Gas Corp.	Allegheny 9	C	23528	Kittanning	005	42	1990-10-01	22.0	20.2	22.0	22.0		HY	WAT			107.9	
New York State Elec. & Gas Corp.	Auburn - Mill St.	C	5014	Auburn	011	36	1981-10-01	0.4		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Auburn - No. Div.St	C	5015	Auburn	011	36	1992-12-01	0.8		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Auburn - State St.	C	24147	Auburn	011	36	1995-01-01	7.4	5.8	4.8	7.2		GT	NG			0.1	
New York State Elec. & Gas Corp.	Broome LFGE	C	323600	Binghamton	007	36	2007-09-01	2.4	2.1	2.1	2.1		IC	MTE			17.1	
New York State Elec. & Gas Corp.	Cadyville 1	D	23628	Schuyler Falls	019	36	1921-08-01	1.2	1.0	1.2	1.2		HY	WAT			4.3	
New York State Elec. & Gas Corp.	Cadyville 2	D	23628	Schuyler Falls	019	36	1921-08-01	1.2	1.0	1.2	1.2		HY	WAT			5.6	
New York State Elec. & Gas Corp.	Cadyville 3	D	23628	Schuyler Falls	019	36	1986-09-01	3.1	2.7	3.1	3.1		HY	WAT			18.4	
New York State Elec. & Gas Corp.	Chasm Hydro	D	5016	Chateaugay	033	36	1982-03-01	1.6		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Croton Fall Hydro	I	5017	North Salem	119	36	1987-01-01	0.2		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Harris Lake	D	5018	Newcomb	031	36	1967-08-01	1.7		0.0	0.0		IC	FO2			0.0	
New York State Elec. & Gas Corp.	High Falls 1	D	23628	Saranac	019	36	1948-08-01	4.0	4.3	4.0	4.0		HY	WAT			20.6	
New York State Elec. & Gas Corp.	High Falls 2	D	23628	Saranac	019	36	1949-08-01	4.0	4.3	4.0	4.0		HY	WAT			22.2	
New York State Elec. & Gas Corp.	High Falls 3	D	23628	Saranac	019	36	1956-08-01	7.0	8.2	7.0	7.0		HY	WAT			42.5	
New York State Elec. & Gas Corp.	Kent Falls 1	D	23628	Schuyler Falls	019	36	1928-08-01	3.6	3.0	3.6	3.6		HY	WAT			15.6	
New York State Elec. & Gas Corp.	Kent Falls 2	D	23628	Schuyler Falls	019	36	1928-08-01	3.6	3.0	3.6	3.6		HY	WAT			13.0	
New York State Elec. & Gas Corp.	Kent Falls 3	D	23628	Schuyler Falls	019	36	1985-07-01	6.4	6.0	6.4	6.4		HY	WAT			35.3	
New York State Elec. & Gas Corp.	Lower Saranac 1	D	23913	Schuyler Falls	019	36	1990-10-01	3.2	3.5	0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Lower Saranac 2	D	23913	Schuyler Falls	019	36	1990-10-01	3.2	3.5	0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Lower Saranac 3	D	23913	Schuyler Falls	019	36	1990-10-01	0.3	2.9	0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Mechanicville 1	F	23645	Stillwater	091	36	1983-09-01	9.2	10.0	9.2	9.3		HY	WAT			32.0	
New York State Elec. & Gas Corp.	Mechanicville 2	F	23645	Stillwater	091	36	1983-09-01	9.3	10.0	9.3	9.3		HY	WAT			55.4	
New York State Elec. & Gas Corp.	Mill C 1	D	23628	Plattsburgh	019	36	1944-08-01	1.0	0.9	1.0	1.0		HY	WAT			4.2	
New York State Elec. & Gas Corp.	Mill C 2	D	23628	Plattsburgh	019	36	1943-08-01	1.2	1.2	1.2	1.2		HY	WAT			4.6	
New York State Elec. & Gas Corp.	Mill C 3	D	23628	Plattsburgh	019	36	1984-11-01	3.8	3.7	3.8	3.8		HY	WAT			18.3	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
New York State Elec. & Gas Corp.	Montville Falls	C	5019	Moravia	011	36	1992-08-01	0.2		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Rainbow Falls 1	D	23628	Ausable	019	36	1926-08-01	1.3	1.5	1.3	1.3		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Rainbow Falls 2	D	23628	Ausable	019	36	1927-08-01	1.3	1.5	1.3	1.3		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Seneca Falls 1	C	23627	Seneca Falls	099	36	1998-06-01	1.8	1.6	0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Seneca Falls 2	C	23627	Seneca Falls	099	36	1998-06-01	1.8	1.6	0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Seneca Falls 4	C	23627	Seneca Falls	099	36	1998-06-01	2.0	1.8	0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Waterloo 2	C	5020	Waterloo	099	36	1998-06-01	0.5		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Waterloo 3	C	5021	Waterloo	099	36	1998-06-01	0.5		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Waterloo 4	C	5022	Waterloo	099	36	1998-06-01	0.5		0.0	0.0		HY	WAT			0.0	
Niagara Generation, LLC	Niagara Bio-Gen (Active - 1/23/14)	A	23895	Niagara Falls	063	36	1991-08-01	56.0	50.5	37.2	37.2		ST	WD			42.4	**(D) (11)**
Niagara Mohawk Power Corp.	Boralex - Hudson Falls	F	24011	Hudson Falls	115	36	1995-10-01	44.0	43.7	44.0	44.0		HY	WAT			243.4	
Niagara Mohawk Power Corp.	Boralex - South Glens Falls	F	24028	Moreau	091	36	1994-12-01	13.8	14.8	0.0	0.0		HY	WAT			90.9	
Niagara Mohawk Power Corp.	CHI-Lachute	F	1654		031	36	1987-12-01	9.0	8.9	0.0	0.0		HY	WAT			29.0	
Niagara Mohawk Power Corp.	Fortis - Dolgeville	E	23807	Dolgeville	043	36	1985-07-01	5.0	6.3	0.0	0.0		HY	WAT			19.0	
Niagara Mohawk Power Corp.	Fortis Energy - Philadelphia	E	1656		045	36	1986-08-01	3.6	3.2	0.0	0.0		HY	WAT			10.4	
Niagara Mohawk Power Corp.	Fortis Energy - Moose River	E	24016		049	36	1987-09-01	12.6	12.0	0.0	0.0		HY	WAT			25.9	
Niagara Mohawk Power Corp.	Fortistar - N.Tonawanda	A	24026	N Tonawanda	029	36	1993-06-01	55.3	57.0	52.4	60.2		CC	NG	FO2		52.0	
Niagara Mohawk Power Corp.	General Mills Inc	A	23808		029	36	1988-12-01	3.8	3.8	0.0	0.0		GT	NG			1.5	
Niagara Mohawk Power Corp.	International Paper - Curtis	F	1655	Corinth	091	36	1986-01-01	9.8	30.8	0.0	0.0		HY	WAT			393.8	**(G)**
Niagara Mohawk Power Corp.	International Paper - Palmer	F	1655	Corinth	091	36	1986-01-01	49.2	30.8	0.0	0.0		HY	WAT				
Niagara Mohawk Power Corp.	Little Falls Hydro	E	24013	Little Falls	043	36	1987-01-01	13.0	12.6	0.0	0.0		HY	WAT			61.8	
Niagara Mohawk Power Corp.	Onondaga County	C	23987		067	36	1994-12-01	39.5	32.6	32.5	31.9		ST	REF			188.5	
Niagara Mohawk Power Corp.	Pyrites Assoc.	E	24023	Canton	089	36	1985-12-01	8.2	7.5	0.0	0.0		HY	WAT			34.2	
Niagara Mohawk Power Corp.	Adams Hydro	E	23633		045	36	1987-11-01	0.2		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Algon.-Burt Dam Assoc.	A	23774		063	36	1987-12-01	0.4		0.0	0.0		HY	WAT			1.4	
Niagara Mohawk Power Corp.	Algon.-Christine.Falls	F	23643		041	36	1987-12-01	0.8		0.0	0.0		HY	WAT			2.1	
Niagara Mohawk Power Corp.	Algon.-Cranberry. Lake	E	23633		049	36	1987-12-01	0.5		0.0	0.0		HY	WAT			0.5	
Niagara Mohawk Power Corp.	Algon.-Forrestport	E	23633		065	36	1987-12-01	3.4		0.0	0.0		HY	WAT			8.5	
Niagara Mohawk Power Corp.	Algon.-Herkimer	E	23633		043	36	1987-12-01	1.6		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Algon.-Hollow Dam Power	E	23633		089	36	1987-12-01	1.0		0.0	0.0		HY	WAT			2.5	
Niagara Mohawk Power Corp.	Algon.-Kayuta	E	23633		065	36	1988-05-01	0.4		0.0	0.0		HY	WAT			0.6	
Niagara Mohawk Power Corp.	Algon.-Ogdensburg	E	23633		089	36	1987-12-01	3.5		0.0	0.0		HY	WAT			9.3	
Niagara Mohawk Power Corp.	Algon.-Otter Creek	E	23633		049	36	1986-11-01	0.5		0.0	0.0		HY	WAT			1.6	
Niagara Mohawk Power Corp.	Allied Frozen Storage	A	23774		029	36	2008-05-01	0.1		0.0	0.0		IC	NG			0.1	
Niagara Mohawk Power Corp.	Azure Mnt. Pwr Co	E	23633		033	36	1993-08-01	0.6		0.0	0.0		HY	WAT			2.2	
Niagara Mohawk Power Corp.	Beaver Falls #1	E	23633		049	36	1986-01-01	1.5		0.0	0.0		HY	WAT			9.2	
Niagara Mohawk Power Corp.	Beaver Falls #2	E	23633		049	36	1986-01-01	1.0		0.0	0.0		HY	WAT			4.8	
Niagara Mohawk Power Corp.	Bellows Towers	E	23633		033	36	1987-06-01	0.2		0.0	0.0		HY	WAT			0.0	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Niagara Mohawk Power Corp.	Black River Hyd#1	E	23633	Port Leyden	049	36	1984-07-01	1.9		0.0	0.0		HY	WAT			5.0	
Niagara Mohawk Power Corp.	Black River Hyd#2	E	23633	Port Leyden	049	36	1985-12-01	1.6		0.0	0.0		HY	WAT			2.1	
Niagara Mohawk Power Corp.	Black River Hyd#3	E	23633	Port Leyden	049	36	1984-07-01	2.2		0.0	0.0		HY	WAT			17.0	
Niagara Mohawk Power Corp.	Boralex - Middle Falls	F	23643	Easton	115	36	1989-12-01	2.2		0.0	0.0		HY	WAT			14.6	
Niagara Mohawk Power Corp.	Burrstone Energy Center, LLC LU	E	23633		065	36	2009-11-01	1.1		0.0	0.0		CG	NG			2.8	
Niagara Mohawk Power Corp.	Burrstone Energy Center, LLC U	E	23633		065	36	2009-11-01	2.2		0.0	0.0		CG	NG			0.1	
Niagara Mohawk Power Corp.	Cal Ban Power	A	23774		003	36	1995-06-01	0.1		0.0	0.0		IC	NG			0.0	
Niagara Mohawk Power Corp.	Cellu-Tissue Corp - Natural Dam	E	23633	Natural Dam	089	36	1986-01-01	1.0		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Champlain Spinner	F	23643		031	36	1992-07-01	0.4		0.0	0.0		HY	WAT			1.3	
Niagara Mohawk Power Corp.	CHI Dexter Hydro	E	23633	Dexter	045	36	1988-01-01	4.2		0.0	0.0		HY	WAT			16.2	
Niagara Mohawk Power Corp.	CHI Diamond Is HY	E	23633	Watertown	045	36	1986-01-01	1.2		0.0	0.0		HY	WAT			5.8	
Niagara Mohawk Power Corp.	CHI Fowler	E	23633	Fowler	049	36	1986-01-01	0.6		0.0	0.0		HY	WAT			2.9	
Niagara Mohawk Power Corp.	CHI Hailsboro #3	E	23633	Hailsboro	089	36	1986-01-01	0.8		0.0	0.0		HY	WAT			4.3	
Niagara Mohawk Power Corp.	CHI Hailsboro #4	E	23633	Hailsboro	089	36	1986-01-01	1.4		0.0	0.0		HY	WAT			11.0	
Niagara Mohawk Power Corp.	CHI Hailsboro #6	E	23633	Hailsboro	089	36	1986-01-01	0.8		0.0	0.0		HY	WAT			5.9	
Niagara Mohawk Power Corp.	CHI Theresa Hydro	E	23633	Theresa	089	36	1986-01-01	1.3		0.0	0.0		HY	WAT			7.6	
Niagara Mohawk Power Corp.	Chittenden Falls	F	23643		021	36	1995-12-01	0.6		0.0	0.0		HY	WAT			2.0	
Niagara Mohawk Power Corp.	City of Oswego (H.D.)	C	23634		075	36	1994-02-01	11.9		0.0	0.0		HY	WAT			48.5	
Niagara Mohawk Power Corp.	City of Utica - Sand Road	E	23633		065	36	1993-05-01	0.2		0.0	0.0		HY	WAT			1.6	
Niagara Mohawk Power Corp.	City of Utica -Trenton Falls	E	23633		065	36	1993-02-01	0.2		0.0	0.0		HY	WAT			0.4	
Niagara Mohawk Power Corp.	City of Watertown	E	23633		045	36	1986-01-01	8.1		0.0	0.0		HY	WAT			10.5	
Niagara Mohawk Power Corp.	City of Watervliet	F	23643		001	36	1986-01-01	1.2		0.0	0.0		HY	WAT			2.2	
Niagara Mohawk Power Corp.	Cons. HY-Victory	F	23643		091	36	1986-12-01	1.7		0.0	0.0		HY	WAT			6.1	
Niagara Mohawk Power Corp.	Copenhagen Assoc.	E	23633	Copenhagen	049	36	1986-01-01	3.3		0.0	0.0		HY	WAT			12.1	
Niagara Mohawk Power Corp.	Cottrell Paper	F	23643		091	36	1987-01-01	0.3		0.0	0.0		HY	WAT			0.1	
Niagara Mohawk Power Corp.	Edison Hydro Electric	F	23643		021	36	2009-11-01			0.0	0.0		HY	WAT			1.7	
Niagara Mohawk Power Corp.	Empire HY Partner	E	23633		049	36	1984-11-01	1.0		0.0	0.0		HY	WAT			4.5	
Niagara Mohawk Power Corp.	Finch Paper LLC - Glens Falls	F	23643		113	36	2009-11-01	11.8		0.0	0.0		HY	WAT			2.2	
Niagara Mohawk Power Corp.	Finch Pruyn	F	23643		113	36	1989-12-01	29.0		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Fort Miller Assoc	F	23643		091	36	1985-10-01	5.0		0.0	0.0		HY	WAT			23.9	
Niagara Mohawk Power Corp.	Fortis Energy - Diana	E	23633		049	36	1985-07-01	1.8		0.0	0.0		HY	WAT			5.7	
Niagara Mohawk Power Corp.	Franklin Hydro	D	24055		033	36	1995-03-01	0.3		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Green Island Power Authority	F	23643	Green Island	001	36	1971-01-01	6.0		0.0	0.0		HY	WAT			33.3	
Niagara Mohawk Power Corp.	Hewittville Hydro	E	23633		089	36	1984-07-01	3.0		0.0	0.0		HY	WAT			17.4	
Niagara Mohawk Power Corp.	Hollings&Vose-Center	F	23643		115	36	1986-01-01	0.4		0.0	0.0		HY	WAT			0.2	
Niagara Mohawk Power Corp.	Hollings&Vose-Lower	F	23643		115	36	1986-01-01	0.4		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Hollings&Vose-Upper	F	23643		115	36	1986-01-01	0.4		0.0	0.0		HY	WAT			3.0	
Niagara Mohawk Power Corp.	Hoosick Falls	F	23643		083	36	1988-08-01	0.6		0.0	0.0		HY	WAT			0.0	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Niagara Mohawk Power Corp.	Hydrocarbon-Algny	A	23774		003	36	1992-12-01	0.2		0.0	0.0		IC	NG			0.0	
Niagara Mohawk Power Corp.	Indian Falls HY	E	23633		045	36	1986-01-01	0.3		0.0	0.0		HY	WAT			0.8	
Niagara Mohawk Power Corp.	Kings Falls	E	23633		049	36	1988-05-01	1.6		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Laidlaw Energy	A	23774	Ellicottville	009	36	1991-07-01	3.4		0.0	0.0		GT	NG			0.0	
Niagara Mohawk Power Corp.	Laidlaw Energy	A	23774	Ellicottville	009	36	1991-07-01	2.4		0.0	0.0		ST	NG			0.0	
Niagara Mohawk Power Corp.	Laquidara-Long Falls	E	23633		045	36	1991-06-01	3.3		0.0	0.0		HY	WAT			12.1	
Niagara Mohawk Power Corp.	Lyonsdale Assoc. (Burrows)	E	23633	Lyons Falls	049	36	1984-07-01	3.0		0.0	0.0		HY	WAT			11.6	
Niagara Mohawk Power Corp.	Mechanicville	F	23643		091	36	2005-03-01	2.0		0.0	0.0		HY	WAT			21.0	
Niagara Mohawk Power Corp.	Moutainaire Massage Spa	F	23643		113	36	2009-11-01			0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Mt. Ida Assoc.	F	23643		083	36	1986-01-01	6.0		0.0	0.0		HY	WAT			9.9	
Niagara Mohawk Power Corp.	Newport HY Assoc	E	23633		043	36	1987-12-01	1.7		0.0	0.0		HY	WAT			6.8	
Niagara Mohawk Power Corp.	Nottingham High School	C	23634		067	36	1988-06-01	0.2		0.0	0.0		CC	NG			0.0	
Niagara Mohawk Power Corp.	Oakvale Construction	D	24055		031	36	2009-11-01			0.0	0.0		HY	WAT			1.8	
Niagara Mohawk Power Corp.	Onondaga Energy Partners	C	23634		067	36	1987-12-01	1.4		0.0	0.0		IC	MTE			0.0	
Niagara Mohawk Power Corp.	Oswego County	C	23634		075	36	1986-03-01	3.6		0.0	0.0		ST	REF			5.9	
Niagara Mohawk Power Corp.	Oswego HY Partners (Phoenix)	C	23634		067	36	1990-12-01	3.4		0.0	0.0		HY	WAT			11.6	
Niagara Mohawk Power Corp.	Riverrat Glass&Electric	F	23643		031	36	1986-01-01	0.6		0.0	0.0		HY	WAT			2.3	
Niagara Mohawk Power Corp.	Sandy Hollow HY	E	23633		045	36	1986-09-01	0.6		0.0	0.0		HY	WAT			1.5	
Niagara Mohawk Power Corp.	Seneca Limited	C	23634		067	36	1985-12-01	0.2		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	St. Elizabeth Medical Center	E	23633	Utica	065	36	2012-02-01	0.6		0.0	0.0		IC	NG			1.5	
Niagara Mohawk Power Corp.	Stevens&Thompson Paper Co.	F	23643		115	36	1987-12-01	10.5		0.0	0.0		HY	WAT			41.2	
Niagara Mohawk Power Corp.	Stillwater Assoc.	E	23633		043	36	1987-01-01	1.8		0.0	0.0		HY	WAT			5.5	
Niagara Mohawk Power Corp.	Stillwater HY Partners	F	23643		091	36	1993-04-01	3.4		0.0	0.0		HY	WAT			15.8	
Niagara Mohawk Power Corp.	Stuyvesant Falls	F	23643	Stuyvesant	021	36	2013-02-01	7.0		0.0	0.0		HY	WAT			9.4	
Niagara Mohawk Power Corp.	Synergics - Middle Greenwich	F	23643		115	36	1987-12-01	0.2		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Synergics - Union Falls	D	24055		019	36	1987-12-01	3.0		0.0	0.0		HY	WAT			14.3	
Niagara Mohawk Power Corp.	Synergics - Upper Greenwich	F	23643		115	36	1987-12-01	0.4		0.0	0.0		HY	WAT			1.1	
Niagara Mohawk Power Corp.	Tannery Island	E	23633		045	36	1986-01-01	1.5		0.0	0.0		HY	WAT			7.5	
Niagara Mohawk Power Corp.	Town of Wells	F	23643	Wells	041	36	1987-12-01	0.5		0.0	0.0		HY	WAT			1.8	
Niagara Mohawk Power Corp.	Tri-City JATC	F	23643		001	36	2009-11-01			0.0	0.0		IC	NG			0.0	
Niagara Mohawk Power Corp.	Unionville Hydro	E	23633		089	36	1984-07-01	3.0		0.0	0.0		HY	WAT			16.6	
Niagara Mohawk Power Corp.	United States Gypsum	A	23774		037	36	2009-11-01	5.8		0.0	0.0		CG	NG			0.5	
Niagara Mohawk Power Corp.	Valatie Falls	F	23643		021	36	1992-12-01	0.1		0.0	0.0		HY	WAT			0.6	
Niagara Mohawk Power Corp.	Valley Falls Assoc.	F	23643		083	36	1985-08-01	2.5		0.0	0.0		HY	WAT			9.9	
Niagara Mohawk Power Corp.	Village of Gouverneur	E	23633		089	36	1986-01-01	0.1		0.0	0.0		HY	WAT			0.7	
Niagara Mohawk Power Corp.	Village of Potsdam	E	23633		089	36	1986-01-01	0.8		0.0	0.0		HY	WAT			4.9	
Niagara Mohawk Power Corp.	Village of Saranac Lake	E	23633		033	36	1996-12-01	0.2		0.0	0.0		HY	WAT			0.6	
Niagara Mohawk Power Corp.	Wave Hydro LLC	C	23634	Baldwinsville	067	36	2010-02-07	0.8		0.0	0.0		HY	WAT			0.0	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Niagara Mohawk Power Corp.	West End Dam Assoc.	E	23633		045	36	1986-01-01	4.4		0.0	0.0		HY	WAT			24.4	
Nine Mile Point Nuclear Station, LLC	Nine Mile Pt 1	C	23575	Scriba	075	36	1969-11-01	641.8	630.5	637.1	636.4		NB	UR			4,925.6	
Nine Mile Point Nuclear Station, LLC	Nine Mile Pt 2	C	23744	Scriba	075	36	1988-08-01	1,259.3	1,246.6	1,287.0	1,301.1		NB	UR			10,920.7	
Noble Altona Windpark, LLC	Altona Wind Power	D	323606	Altona	019	36	2008-09-23	97.5	97.5	97.5	97.5		WT	WND			162.1	
Noble Bliss Windpark, LLC	Bliss Wind Power	A	323608	Bliss	121	36	2008-03-20	100.5	100.5	100.5	100.5		WT	WND			204.6	
Noble Chateaugay Windpark, LLC	Chateaugay Wind Power	D	323614	Chateaugay	033	36	2008-10-07	106.5	106.5	106.5	106.5		WT	WND			188.5	
Noble Clinton Windpark 1, LLC	Clinton Wind Power	D	323605	Clinton	019	36	2008-04-09	100.5	100.5	100.5	100.5		WT	WND			176.3	
Noble Ellenburg Windpark, LLC	Ellenburg Wind Power	D	323604	Ellenburg	019	36	2008-03-31	81.0	81.0	81.0	81.0		WT	WND			164.4	
Noble Wethersfield Windpark, LLC	Wethersfield Wind Power	C	323626	Wethersfield	121	36	2008-12-11	126.0	126.0	126.0	126.0		WT	WND			263.4	
Northbrook Lyons Falls, LLC	Lyons Falls Hydro	E	23570	Lyons Falls	049	36	1986-01-01	8.0	7.3	8.0	8.0		HY	WAT			43.3	
NRG Power Marketing LLC	Arthur Kill GT 1	J	23520	Staten Island	085	36	1970-06-01	20.0	16.5	11.9	13.2		GT	NG			0.8	
NRG Power Marketing LLC	Arthur Kill ST 2	J	23512	Staten Island	085	36	1959-08-01	376.2	357.7	338.0	332.8		ST	NG			670.1	
NRG Power Marketing LLC	Arthur Kill ST 3	J	23513	Staten Island	085	36	1969-06-01	535.5	518.0	499.6	517.6		ST	NG			685.4	
NRG Power Marketing LLC	Astoria GT 05	J	24106	Queens	081	36	1970-06-01	19.2	16.0	13.2	14.0		GT	FO2			0.0	
NRG Power Marketing LLC	Astoria GT 07	J	24107	Queens	081	36	1970-06-01	19.2	15.5	11.7	13.1		GT	FO2			0.0	
NRG Power Marketing LLC	Astoria GT 08	J	24108	Queens	081	36	1970-06-01	19.2	15.3	12.2	13.5		GT	FO2			0.0	
NRG Power Marketing LLC	Astoria GT 10 (Active - 7/15/13)	J	24110	Queens	081	36	1971-01-01	31.8	24.9	17.2	20.7		GT	FO2			0.2	**(D) (12)**
NRG Power Marketing LLC	Astoria GT 11 (Active - 7/15/13)	J	24225	Queens	081	36	1971-02-01	31.8	23.6	16.5	20.6		GT	FO2			0.0	**(D) (13)**
NRG Power Marketing LLC	Astoria GT 12	J	24226	Queens	081	36	1971-05-01	31.8	22.7	17.2	21.9		GT	FO2			0.4	
NRG Power Marketing LLC	Astoria GT 13	J	24227	Queens	081	36	1971-05-01	31.8	24.0	17.1	21.1		GT	FO2			0.4	
NRG Power Marketing LLC	Astoria GT 2-1	J	24094	Queens	081	36	1970-06-01	46.5	41.2	36.0	42.9		JE	KER	NG		6.3	
NRG Power Marketing LLC	Astoria GT 2-2	J	24095	Queens	081	36	1970-06-01	46.5	42.4	32.9	42.0		JE	KER	NG		6.4	
NRG Power Marketing LLC	Astoria GT 2-3	J	24096	Queens	081	36	1970-06-01	46.5	41.2	32.1	42.0		JE	KER	NG		5.0	
NRG Power Marketing LLC	Astoria GT 2-4	J	24097	Queens	081	36	1970-06-01	46.5	41.0	32.1	40.4		JE	KER	NG		3.1	
NRG Power Marketing LLC	Astoria GT 3-1	J	24098	Queens	081	36	1970-06-01	46.5	41.2	32.9	42.0		JE	KER	NG		3.7	
NRG Power Marketing LLC	Astoria GT 3-2	J	24099	Queens	081	36	1970-06-01	46.5	43.5	35.0	43.0		JE	KER	NG		6.1	
NRG Power Marketing LLC	Astoria GT 3-3	J	24100	Queens	081	36	1970-06-01	46.5	43.0	32.3	40.8		JE	KER	NG		6.8	
NRG Power Marketing LLC	Astoria GT 3-4	J	24101	Queens	081	36	1970-06-01	46.5	43.0	33.6	41.9		JE	KER	NG		5.1	
NRG Power Marketing LLC	Astoria GT 4-1	J	24102	Queens	081	36	1970-07-01	46.5	42.6	33.8	41.9		JE	KER	NG		4.4	
NRG Power Marketing LLC	Astoria GT 4-2	J	24103	Queens	081	36	1970-07-01	46.5	41.4	34.6	42.0		JE	KER	NG		3.6	
NRG Power Marketing LLC	Astoria GT 4-3	J	24104	Queens	081	36	1970-07-01	46.5	41.1	33.4	42.8		JE	KER	NG		2.8	
NRG Power Marketing LLC	Astoria GT 4-4	J	24105	Queens	081	36	1970-07-01	46.5	42.8	32.2	41.3		JE	KER	NG		3.7	
NRG Power Marketing LLC	Dunkirk 1 (MB - 6/1/13)	A	23563	Dunkirk	013	36	1950-11-01	100.0	96.2	0.0	0.0		ST	BIT			112.9	**(M) (R) (14)**
NRG Power Marketing LLC	Dunkirk 2	A	23564	Dunkirk	013	36	1950-12-01	100.0	97.2	75.0	75.0		ST	BIT			321.9	**(S)**
NRG Power Marketing LLC	Dunkirk IC 2	A	5050	Dunkirk	013	36	1990-01-01	0.5		0.0	0.0		IC	FO2			0.0	
NRG Power Marketing LLC	Huntley 67	A	23561	Tonawanda	029	36	1957-12-01	218.0	196.5	189.0	187.2		ST	BIT			597.3	
NRG Power Marketing LLC	Huntley 68	A	23562	Tonawanda	029	36	1958-12-01	218.0	198.0	190.0	186.7		ST	BIT			477.3	
NRG Power Marketing LLC	Huntley IC 1	A	5051	Tonawanda	029	36	1967-08-01	0.7		0.0	0.0		IC	FO2			0.0	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
NRG Power Marketing LLC	Oswego 5	C	23606	Oswego	075	36	1976-02-01	901.8	850.3	749.5	826.2		ST	FO6			44.6	
NRG Power Marketing LLC	Oswego 6	C	23613	Oswego	075	36	1980-07-01	901.8	835.2	824.5	831.5		ST	FO6	NG		40.0	
NRG Power Marketing LLC	Oswego IC 1	C	5052	Oswego	075	36	1967-08-01	0.7		0.0	0.0		IC	FO2			0.0	
NRG Power Marketing LLC	Oswego IC 2	C	5053	Oswego	075	36	1976-02-01	0.8		0.0	0.0		IC	FO2			0.0	
NRG Power Marketing LLC	Oswego IC 3	C	5054	Oswego	075	36	1980-07-01	0.8		0.0	0.0		IC	FO2			0.0	
Orange and Rockland Utilities	Buttermilk Falls	G	5055	Highland Falls	071	36	1986-12-01	0.1		0.0	0.0		HY	WAT			0.0	
Orange and Rockland Utilities	Intl. Crossroads	G	5056	Mahwah NJ	003	34	1987-12-01	3.0		0.0	0.0		IC	NG	FO2		0.0	
Orange and Rockland Utilities	Landfill G.Part19	G	5057	Goshen	071	36	1988-12-01	2.5		0.0	0.0		IC	MTE			0.0	
Orange and Rockland Utilities	Middletown LFG	G	5058	Goshen	071	36	1988-12-01	3.0		0.0	0.0		IC	MTE			0.0	
PSEG Energy Resource & Trade, LLC	Bethlehem Energy Center	F	23843	Bethlehem	001	36	2005-07-01	893.1	756.9	774.3	864.3		CC	NG	FO2		3,951.7	
R.E. Ginna Nuclear Power Plant, LLC	Ginna	B	23603	Ontario	117	36	1970-07-01	614.0	582.0	581.7	583.3		NP	UR			4,993.3	
ReEnergy Chateaugay LLC	Chateaugay Power (MB - 6/3/13)	D	23792	Chateaugay	033	36	1993-02-01	19.7	18.6	0.0	0.0		ST	WD			0.0	**(M)**
Rochester Gas and Electric Corp.	Mills Mills	B	5059	Fillmore	003	36	1906-07-01	0.2		0.0	0.0		HY	WAT			0.0	
Rochester Gas and Electric Corp.	Mt Morris	B	5060	Mt Morris	051	36	1916-07-01	0.3		0.0	0.0		HY	WAT			0.0	
Rochester Gas and Electric Corp.	Station 2 1	B	23604	Rochester	055	36	1913-07-01	8.5	6.5	6.5	6.5		HY	WAT			40.5	
Rochester Gas and Electric Corp.	Station 26 1	B	23604	Rochester	055	36	1952-08-01	3.0	3.0	3.0	3.0		HY	WAT			0.0	
Rochester Gas and Electric Corp.	Station 5 1	B	23604	Rochester	055	36	1918-07-01	14.0	11.8	12.9	12.9		HY	WAT			28.6	
Rochester Gas and Electric Corp.	Station 5 2	B	23604	Rochester	055	36	1918-07-01	13.6	11.8	12.9	12.9		HY	WAT			27.6	
Rochester Gas and Electric Corp.	Station 5 3	B	23604	Rochester	055	36	1918-07-01	18.0	16.5	18.0	18.0		HY	WAT			12.1	
Rochester Gas and Electric Corp.	Station 9 (Ret. - 3/3/14)	B	23652	Rochester	055	36	1969-11-01	19.0	15.8	0.0	0.0		JE	NG			2.6	**(R)**
Rochester Gas and Electric Corp.	Wiscoy 1	B	5061	Fillmore	003	36	1922-07-01	0.6		0.0	0.0		HY	WAT			0.0	
Rochester Gas and Electric Corp.	Wiscoy 2	B	5062	Fillmore	003	36	1922-07-01	0.5		0.0	0.0		HY	WAT			0.0	
Rockville Centre, Village of	Charles P Keller 07	K	1661	Rockville Centre	059	36	1942-09-01	2.0	2.0	2.0	2.0		IC	FO2			0.0	
Rockville Centre, Village of	Charles P Keller 08	K	1661	Rockville Centre	059	36	1950-09-01	2.4	2.8	2.4	2.4		IC	FO2			0.0	
Rockville Centre, Village of	Charles P Keller 09	K	1661	Rockville Centre	059	36	1954-09-01	3.5	3.3	3.5	3.5		IC	FO2	NG		0.1	
Rockville Centre, Village of	Charles P Keller 10	K	1661	Rockville Centre	059	36	1954-09-01	3.5	3.2	3.5	3.5		IC	FO2	NG		0.1	
Rockville Centre, Village of	Charles P Keller 11	K	1661	Rockville Centre	059	36	1962-09-01	5.2	5.2	5.2	5.2		IC	FO2	NG		0.3	
Rockville Centre, Village of	Charles P Keller 12	K	1661	Rockville Centre	059	36	1967-09-01	5.5	5.5	5.5	5.5		IC	FO2	NG		0.0	
Rockville Centre, Village of	Charles P Keller 13	K	1661	Rockville Centre	059	36	1974-09-01	5.5	5.6	5.5	5.5		IC	FO2	NG		0.1	
Rockville Centre, Village of	Charles P Keller 14	K	1661	Rockville Centre	059	36	1994-09-01	6.2	6.3	6.2	6.2		IC	FO2	NG		1.1	
Selkirk Cogen Partners, L.P.	Selkirk-I	F	23801	Selkirk	001	36	1992-03-01	107.2	82.1	76.1	102.7	YES	CC	NG	FO1		425.6	
Selkirk Cogen Partners, L.P.	Selkirk-II	F	23799	Selkirk	001	36	1994-09-01	338.8	291.3	271.6	324.4	YES	CC	NG	FO2		1,555.5	
Seneca Energy II, LLC	Ontario LFGE	C	23819	Canandaigua	069	36	2003-12-01	6.4	5.6	6.4	6.4		IC	MTE			79.4	
Seneca Energy II, LLC	Seneca Energy 1	C	23797	Seneca Falls	099	36	1996-03-01	8.8	8.8	8.8	8.8		IC	MTE			141.1	**(G)**
Seneca Energy II, LLC	Seneca Energy 2	C	23797	Seneca Falls	099	36	1997-08-01	8.8	8.8	8.8	8.8		IC	MTE				
Seneca Power Partners, L.P.	Allegany	B	23514	Hume	003	36	1995-03-01	67.0	62.9	59.7	59.7		CC	NG			0.4	**(15)**
Seneca Power Partners, L.P.	Batavia	B	24024	Batavia	037	36	1992-06-01	67.3	57.1	51.0	58.9		CC	NG			41.0	
Seneca Power Partners, L.P.	Carthage Energy	E	23857	Carthage	045	36	1991-08-01	62.9	59.0	55.3	57.9		CC	NG	FO2		2.4	

TABLE III-2 (cont'd)
Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2014 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2013 Net Energy (GWh)	Notes
Seneca Power Partners, L.P.	Hillburn GT	G	23639	Hillburn	087	36	1971-04-01	46.5	37.9	35.1	43.3		JE	KER			0.2	
Seneca Power Partners, L.P.	Shoemaker GT	G	23640	Middletown	071	36	1971-05-01	41.9	33.1	31.8	35.4		JE	KER			2.2	
Seneca Power Partners, L.P.	Sterling	E	23777	Sherrill	065	36	1991-06-01	65.3	57.4	50.5	62.8		CC	NG			26.7	
Sheldon Energy LLC	High Sheldon Wind Farm	C	323625	Sheldon	121	36	2009-02-01	112.5	112.5	112.5	112.5		WT	WND			267.5	
Shell Energy North America (US), L.P.	Glen Park Hydro	E	23778	Glen Park	045	36	1986-01-01	32.6	40.4	32.6	32.6		HY	WAT			156.4	
Shell Energy North America (US), L.P.	Lockport	A	23791	Lockport	063	36	1992-07-01	221.3	225.2	196.2	219.1		CC	NG	FO2		393.3	
Shell Energy North America (US), L.P.	Munnsville Wind Power	E	323609	Bouckville	053	36	2007-08-20	34.5	34.5	34.5	34.5		WT	WND			89.5	
Somerset Operating Company, LLC	Somerset	A	23543	Somerset	063	36	1984-08-01	655.1	686.5	692.5	684.1		ST	BIT			2,072.8	
Stephentown Spindle LLC	Beacon LESR	F	323632	Stephentown	083	36	2010-11-29	20.0		0.0	0.0		ES	FW			0.0	
Stony Creek Energy LLC	Orangeville Wind Farm	C	323706	Orangeville	121	36	2013-12-01	93.9	88.5	93.9	93.9		WT	WND			8.3	**(N)(16)**
Syracuse Energy Corporation	Syracuse Energy ST1 (Ret. - 9/25/13)	C	323597	Syracuse	067	36	1991-08-01	11.0	11.0	0.0	0.0		ST	BIT	FO2		62.2	**(G) (R) (17)**
Syracuse Energy Corporation	Syracuse Energy ST2 (Ret. - 9/25/13)	C	323598	Syracuse	067	36	1991-08-01	90.6	58.9	0.0	0.0		ST	BIT	FO2			**(R) (18)**
TC Ravenswood, LLC	Ravenswood 01	J	23729	Queens	081	36	1967-07-01	18.6	8.8	7.9	8.7		GT	NG			0.6	
TC Ravenswood, LLC	Ravenswood 04	J	24252	Queens	081	36	1970-09-01	21.1	15.2	14.2	13.8		GT	KER	NG		1.0	
TC Ravenswood, LLC	Ravenswood 05	J	24254	Queens	081	36	1970-08-01	21.1	15.7	13.4	14.3		GT	KER			0.2	
TC Ravenswood, LLC	Ravenswood 06	J	24253	Queens	081	36	1970-08-01	22.0	16.7	13.1	12.4		GT	KER	NG		0.7	
TC Ravenswood, LLC	Ravenswood 07 (MB - 3/13/14)	J	24255	Queens	081	36	1970-08-01	22.0	16.5	0.0	0.0		GT	KER	NG		0.0	**(M)**
TC Ravenswood, LLC	Ravenswood 09	J	24257	Queens	081	36	1970-07-01	25.0	21.7	17.0	19.2		JE	KER	NG		2.1	
TC Ravenswood, LLC	Ravenswood 10	J	24258	Queens	081	36	1970-08-01	25.0	21.2	17.8	20.9		JE	KER	NG		0.8	
TC Ravenswood, LLC	Ravenswood 11	J	24259	Queens	081	36	1970-08-01	25.0	20.2	17.5	20.9		JE	KER	NG		2.3	
TC Ravenswood, LLC	Ravenswood 2-1	J	24244	Queens	081	36	1970-12-01	42.9	40.4	31.2	39.1		JE	NG			3.5	
TC Ravenswood, LLC	Ravenswood 2-2	J	24245	Queens	081	36	1970-12-01	42.9	37.6	31.4	40.3		JE	NG			3.1	
TC Ravenswood, LLC	Ravenswood 2-3	J	24246	Queens	081	36	1970-12-01	42.9	39.2	36.8	39.8		JE	NG			0.8	
TC Ravenswood, LLC	Ravenswood 2-4	J	24247	Queens	081	36	1970-12-01	42.9	39.8	29.3	36.2		JE	NG			3.8	
TC Ravenswood, LLC	Ravenswood 3-1	J	24248	Queens	081	36	1970-08-01	42.9	40.5	29.2	38.2		JE	NG			2.8	
TC Ravenswood, LLC	Ravenswood 3-2	J	24249	Queens	081	36	1970-08-01	42.9	38.1	30.5	37.9		JE	NG			1.7	
TC Ravenswood, LLC	Ravenswood 3-3	J	24250	Queens	081	36	1970-08-01	42.9	37.7	33.1	37.6		JE	NG			4.3	
TC Ravenswood, LLC	Ravenswood CC 04	J	23820	Queens	081	36	2004-05-01	250.0	231.2	218.2	240.0		CC	NG	FO2		1,471.2	
TC Ravenswood, LLC	Ravenswood ST 01	J	23533	Queens	081	36	1963-02-01	400.0	365.1	365.7	373.5		ST	FO6	NG		426.9	
TC Ravenswood, LLC	Ravenswood ST 02	J	23534	Queens	081	36	1963-05-01	400.0	391.6	364.2	373.0		ST	FO6	NG		619.6	
TC Ravenswood, LLC	Ravenswood ST 03	J	23535	Queens	081	36	1965-06-01	1,027.0	986.8	963.7	958.5		ST	FO6	NG		593.5	
TransAlta Energy Marketing (U.S.) Inc.	Saranac Energy	D	23793	Plattsburgh	019	36	1994-06-01	285.6	253.7	243.0	271.1		CC	NG			479.5	
Triton Power Company	Chateaugay High Falls	D	323578	Chateaugay	033	36	1987-12-01	3.0	1.8	0.0	0.0		HY	WAT			7.1	
Western New York Wind Corp.	Western NY Wind Power	B	24143	Wethersfield	121	36	2000-10-01	6.6	6.6	0.0	0.0		WT	WND			9.6	
Wheelabrator Hudson Falls, LLC	Wheelabrator Hudson Falls	F	23798	Hudson Falls	115	36	1991-10-01	14.4	12.7	12.1	11.9		ST	REF			74.9	
Wheelabrator Westchester, LP	Wheelabrator Westchester	H	23653	Peekskill	119	36	1984-04-01	59.7	53.5	54.5	55.0		ST	REF			383.9	
								44,322.5	**39,836.0**	**37,978.3**	**40,220.5**						**140,338.2**	

NOTES FOR TABLE III-2 (Existing Generating Facilities)

Note	Owner / Operator	Station Unit	Zone	PTID	Note
1	Consolidated Edison Energy, Inc.	Broome 2 LFGE	C	323671	Unit produced power during months Feb - Dec, 2013.
2	Erie Blvd. Hydro - East Canada Capital	Ephratah 3	F	24051	Unit produced power during Dec 2013.
3	Erie Blvd. Hydro - Lower Hudson	Johnsonville 2	F	24059	Unit produced power during Dec 2013.
4	Erie Blvd. Hydro - Seneca Oswego	Baldwinsville 2	C	24041	Unit produced power during Dec 2013.
5a	Erie Blvd. Hydro - Seneca Oswego	Fulton 1	C	24041	Unit produced power during months Jan - Apr, 2013 and was in service until 8/1/13.
5b	Erie Blvd. Hydro - Seneca Oswego	Fulton 2	C	24041	Unit produced power during months Jan - Apr, 2013 and was in service until 8/1/13.
6	Freeport Electric	Freeport 1-1	K	1660	Unit produced power during months Jan - Apr, 2013 and was in service until 5/1/13.
7	Long Island Power Authority	Montauk 02	K	23721	Unit produced power during months Jan - Apr, 2013 and was in service until 5/3/13.
8	Long Island Power Authority	Montauk 03	K	23721	Unit produced power during months Jan - Apr, 2013 and was in service until 5/3/13.
9	Long Island Power Authority	Montauk 04	K	23721	Unit produced power during months Jan - Apr, 2013 and was in service until 5/3/13.
10	Lyonsdale BioMass, LLC	Black River	E	23780	Unit produced power during months Jun - Dec, 2013.
11	Niagara Generation, LLC	Niagara Bio-Gen	A	23895	Unit produced power during months Jan - Mar, 2013 and was in service until 5/1/13.
12	NRG Power Marketing LLC	Astoria GT 10	J	24110	Unit produced power during months Aug - Dec, 2013.
13	NRG Power Marketing LLC	Astoria GT 11	J	24225	Unit produced power during months Aug - Dec, 2013.
14	NRG Power Marketing LLC	Dunkirk 1	A	23563	Unit produced power during months Jan - May, 2013 and was in service until 6/1/13.
15	Seneca Power Partners, L.P.	Allegany	B	23514	Unit produced power during Dec 2013.
16	Stony Creek Energy LLC	Orangeville Wind Farm	C	323706	Unit produced power during Dec 2013.
17	Syracuse Energy Corporation	Syracuse Energy ST1	C	323597	Unit produced power during months Jan - Sep, 2013 and was in service until 9/21/13.
18	Syracuse Energy Corporation	Syracuse Energy ST2	C	323598	Unit produced power during months Jan - Sep, 2013 and was in service until 9/21/13.
A	Various	Generating Units	A-K	Various	Summer CRIS caps reflect capacity level of the unit that is deemed deliverable. See Definitions of Labels for the Load & Capacity Schedules (Section V) for description.
B	Various	Generating Units	A-K	Various	The Summer Capability values in this table reflect the most recent DMNC values that were demonstrated during the Summer 2013 Capability Period. The 2014 Summer Installed Capacity market will generally use DMNC values taken from the 2013 Summer Capability Period. The Winter Capability values represent the DMNC values demonstrated during the 2012-2013 Winter Capability Period. The 2014-2015 Winter Installed Capacity Market will use DMNC values taken from the 2013-2014 Winter Capability Period. *DMNC stands for Dependable Maximum Net Generating Capability.*
D	Various	Generating Units	A-K	Various	Unit(s) returned to service from mothballed status.
E	Various	Generating Units	A-K	Various	Unit(s) returned to service - Repowered as a BioMass generator, formerly Coal fired.
G	Various	Generating Station	A-K	Various	Generation is reported as Station Total.
M	Various	Mothballed Generator	A-K	Various	This unit is mothballed and therefore treated as retired, per PSC order in Case 05-E-0889, footnote 1.
N	Various	New Generator	A-K	Various	Unit(s) added since the publication of the 2013 Load and Capacity Data Report.
R	Various	Retired Generator	A-K	Various	Unit(s) retired since the publication of the 2013 Load and Capacity Data Report.
S	Various	RSS Generator	A-K	Various	This unit is operating under a RSS (Reliability Support Services) agreement.
T	GenOn Energy Management, LLC	Bowline 2	G	23595	NYISO has received notice of intent to repair the facility and increase its capability by Summer 2015, subject to a pending materiality review.
U	Various	Generating Units	A-K	Various	The fuel type selection is not meant to provide any information on current fuel inventories, nor does it indicate which of the fuels might be considered as primary.

Table III-3a: Capability by Zone and Type – Summer

Generator Type		ZONE A	B	C	D	E	F	G	H	I	J	K	*TOTAL*
							Summer Capability Period (MW) (2)						
Fossil	Steam Turbine (Oil)	0.0	0.0	749.5	0.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0	**759.3**
	Steam Turbine (Oil & Gas)	0.0	0.0	824.5	0.0	0.0	0.0	1,984.8	0.0	0.0	2,769.3	2,366.8	**7,945.4**
	Steam Turbine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	837.6	0.0	**837.6**
	Steam Turbine (Coal)	1,180.2	0.0	314.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1,495.1**
	Combined Cycle	370.2	110.7	1,183.7	323.8	186.5	2,919.1	0.0	0.0	0.0	3,202.9	695.7	**8,992.6**
	Jet Engine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	66.9	0.0	0.0	0.0	654.1	**721.0**
	Jet Engine (Gas & Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	923.9	159.5	**1,083.4**
	Jet Engine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	221.5	53.9	**275.4**
	Combustion Turbine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	16.9	0.0	0.0	450.0	591.4	**1,058.3**
	Combustion Turbine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	19.5	0.0	0.0	608.1	392.9	**1,020.5**
	Combustion Turbine (Gas)	38.6	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	444.8	180.4	**668.6**
	Internal Combustion	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.5	**54.5**
Pumped Storage	Pumped Storage Hydro	240.0	0.0	0.0	0.0	0.0	1,166.1	0.0	0.0	0.0	0.0	0.0	**1,406.1**
Nuclear	Steam (PWR Nuclear)	0.0	581.7	0.0	0.0	0.0	0.0	0.0	2,060.7	0.0	0.0	0.0	**2,642.4**
	Steam (BWR Nuclear)	0.0	0.0	2,775.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**2,775.9**
Renewable (1)	Conventional Hydro	2,443.2	60.0	106.8	893.0	376.3	313.5	79.3	0.0	0.0	0.0	0.0	**4,272.1**
	Internal Combustion (Methane)	24.8	13.6	38.9	6.4	8.0	12.5	0.0	0.0	0.0	0.0	0.0	**104.2**
	Steam Turbine (Wood)	37.2	0.0	0.0	0.0	72.0	0.0	0.0	0.0	0.0	0.0	0.0	**109.2**
	Steam Turbine (Refuse)	36.7	0.0	32.5	0.0	0.0	12.1	7.2	54.5	0.0	0.0	119.6	**262.6**
	Wind	120.5	0.0	514.8	385.5	441.8	0.0	0.0	0.0	0.0	0.0	0.0	**1,462.6**
	Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.5	**31.5**
	Totals	**4,491.4**	**766.0**	**6,546.3**	**1,608.7**	**1,084.6**	**4,433.1**	**2,174.6**	**2,115.2**	**0.0**	**9,458.1**	**5,300.3**	**37,978.3**

(1) - The Renewable Category does not necessarily match the New York State Renewable Portfolio Standard (RPS) Definition.

(2) - Values are from the Summer Capability column in Table III-2: Existing Generators.

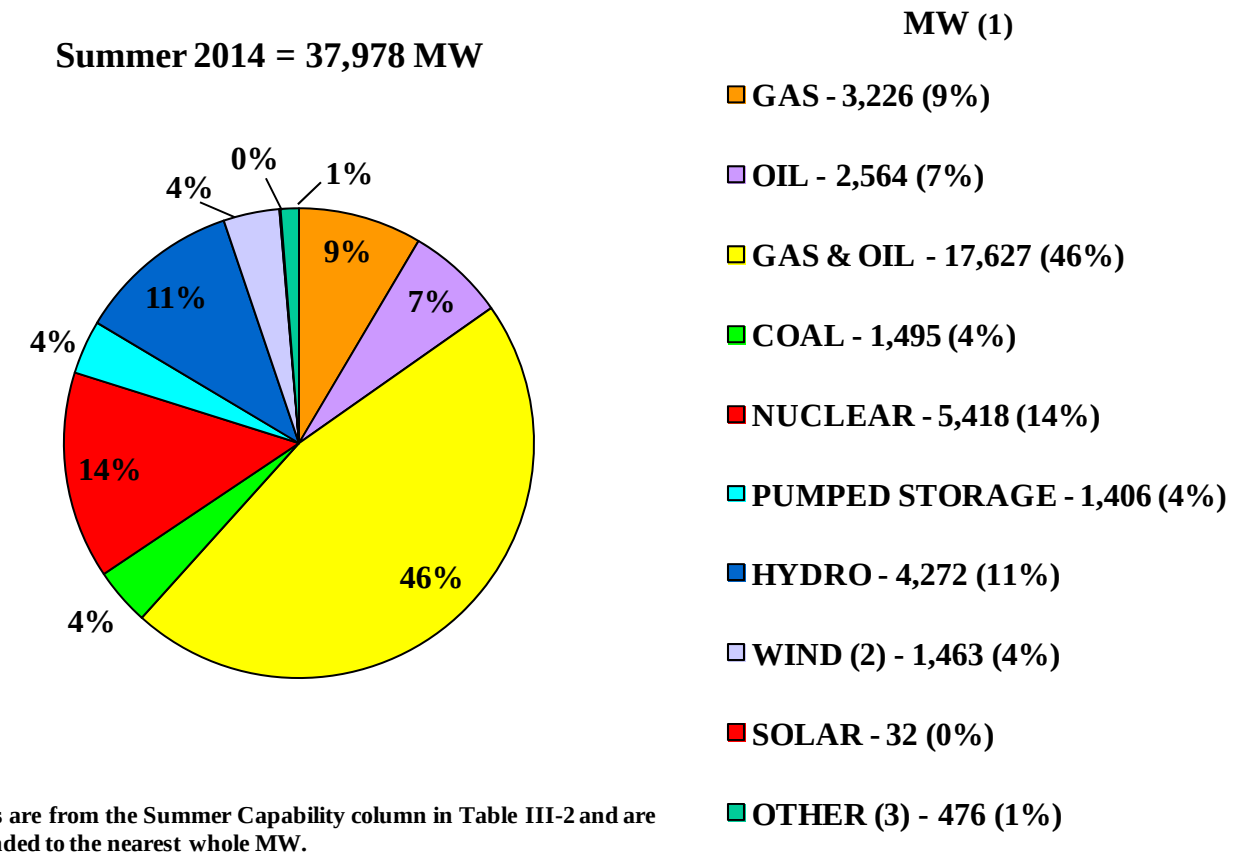
Table III-3b: Capability by Zone and Type – Winter

Generator Type		ZONE A	B	C	D	E	F	G	H	I	J	K	*TOTAL*
		Winter Capability Period (MW) (2)											
Fossil	**Steam Turbine (Oil)**	0.0	0.0	826.2	0.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0	**836.0**
	Steam Turbine (Oil & Gas)	0.0	0.0	831.5	0.0	0.0	0.0	1,998.0	0.0	0.0	2,787.1	2,358.7	**7,975.3**
	Steam Turbine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	850.4	0.0	**850.4**
	Steam Turbine (Coal)	1,176.9	0.0	307.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1,484.6**
	Combined Cycle	420.1	118.6	1,428.2	363.4	211.3	3,425.7	0.0	0.0	0.0	3,503.2	787.0	**10,257.5**
	Jet Engine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	78.7	0.0	0.0	0.0	789.2	**867.9**
	Jet Engine (Gas & Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,067.2	196.6	**1,263.8**
	Jet Engine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	269.1	57.1	**326.2**
	Combustion Turbine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	23.3	0.0	0.0	562.8	730.1	**1,316.2**
	Combustion Turbine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	23.3	0.0	0.0	733.0	441.4	**1,197.7**
	Combustion Turbine (Gas)	46.2	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	455.5	185.5	**694.4**
	Internal Combustion	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.7	**55.7**
Pumped Storage	**Pumped Storage Hydro**	240.0	0.0	0.0	0.0	0.0	1,169.2	0.0	0.0	0.0	0.0	0.0	**1,409.2**
Nuclear	**Steam (PWR Nuclear)**	0.0	583.3	0.0	0.0	0.0	0.0	0.0	2,076.3	0.0	0.0	0.0	**2,659.6**
	Steam (BWR Nuclear)	0.0	0.0	2,789.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**2,789.0**
Renewable (1)	**Conventional Hydro**	2,446.6	59.7	107.5	880.3	376.2	314.8	78.4	0.0	0.0	0.0	0.0	**4,263.5**
	Internal Combustion (Methane)	24.8	13.6	38.9	6.4	8.0	12.5	0.0	0.0	0.0	0.0	0.0	**104.2**
	Steam Turbine (Wood)	37.2	0.0	0.0	0.0	72.7	0.0	0.0	0.0	0.0	0.0	0.0	**109.9**
	Steam Turbine (Refuse)	35.4	0.0	31.9	0.0	0.0	11.9	9.2	55.0	0.0	0.0	121.9	**265.3**
	Wind	120.5	0.0	514.8	385.5	441.8	0.0	0.0	0.0	0.0	0.0	0.0	**1,462.6**
	Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.5	**31.5**
	Totals	**4,547.7**	**775.2**	**6,882.9**	**1,635.6**	**1,110.0**	**4,943.9**	**2,210.9**	**2,131.3**	**0.0**	**10,228.3**	**5,754.7**	**40,220.5**

(1) - The Renewable Category does not necessarily match the New York State Renewable Portfolio Standard (RPS) Definition.

(2) - Values are from the Winter Capability column in Table III-2: Existing Generators.

Figure III-1: 2014 NYCA Summer Capability by Fuel Type



(1) - All values are from the Summer Capability column in Table III-2 and are rounded to the nearest whole MW.

(2) – While there is a total of 1,730 MW of Installed Nameplate, 267 MW do not participate in the Installed Capacity market.

(3) - Includes Methane, Refuse & Wood.

Figure III-2: 2013 NYCA Energy Generation by Fuel Type

Renewable Resources (3)

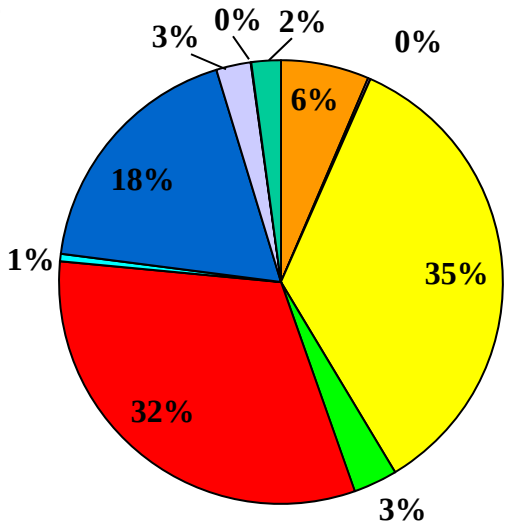
Conventional Hydro 18%

Wind 3%

Solar 0 %

Other 2%

Total 23%



GWh (1)

- **GAS - 9,013 (6%)**
- **OIL - 253 (0%)**
- **GAS & OIL - 48,830 (35%)**
- **COAL - 4,494 (3%)**
- **NUCLEAR - 44,756 (32%)**
- **PUMPED STORAGE - 766 (1%)**
- **HYDRO - 25,631 (18%)**
- **WIND - 3,541 (3%)**
- **SOLAR - 52 (0%)**
- **OTHER (2) - 3,003 (2%)**

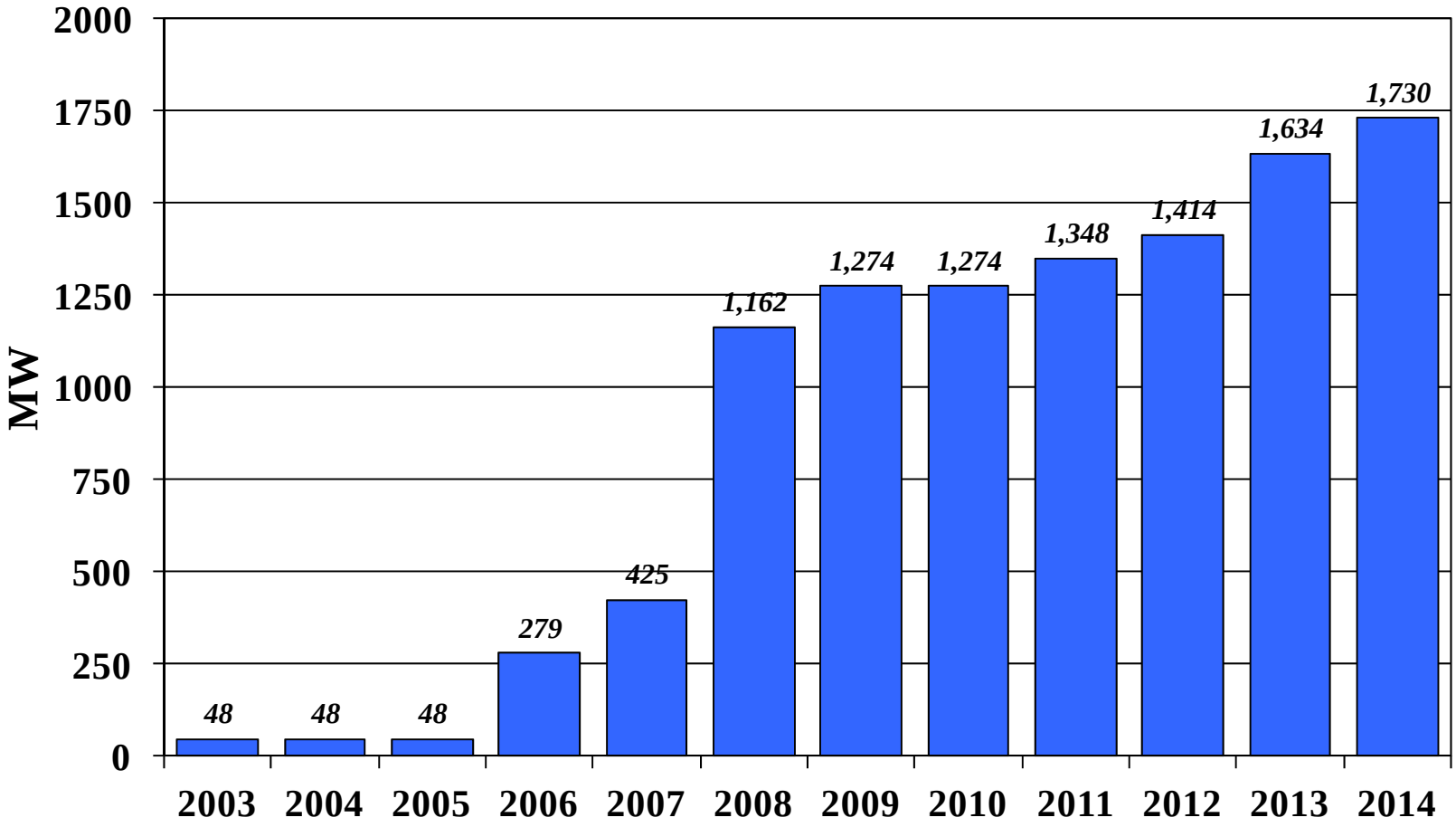
Total 2013 = 140,338 GWh

(1) - All values are rounded to the nearest whole GWh.

(2) - Includes Methane, Refuse & Wood.

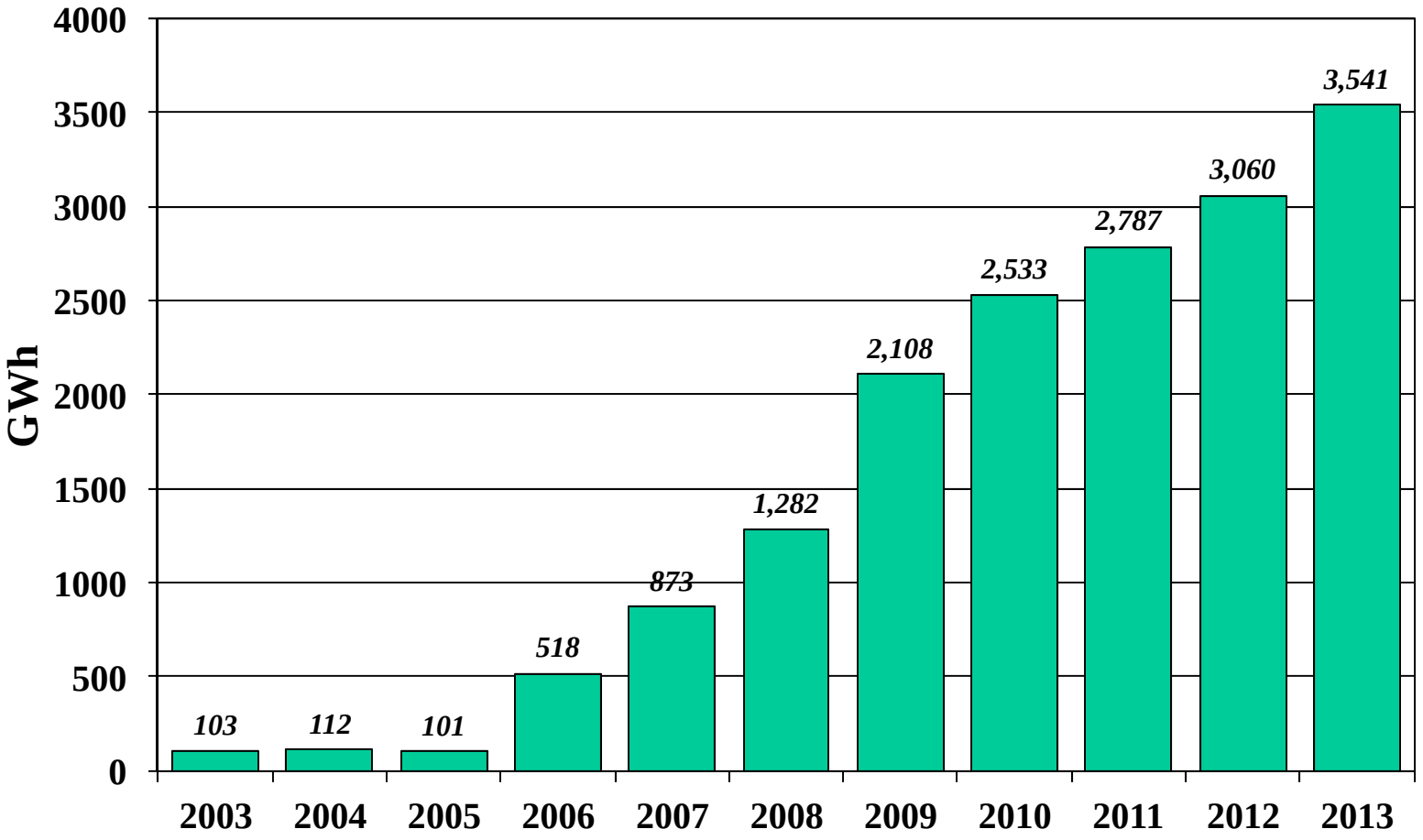
(3) – Renewable Resources do not necessarily match the NYS Renewable Portfolio Standard (RPS) Definition.

Figure III-3: NYCA Wind Plants – Historic Installed Nameplate Capacity



Note: Installed MW values are as of March 31, 2014. Not all wind generation participates in the NYISO Capacity Market.

Figure III-4: NYCA Wind Plants – Historic Energy Generation



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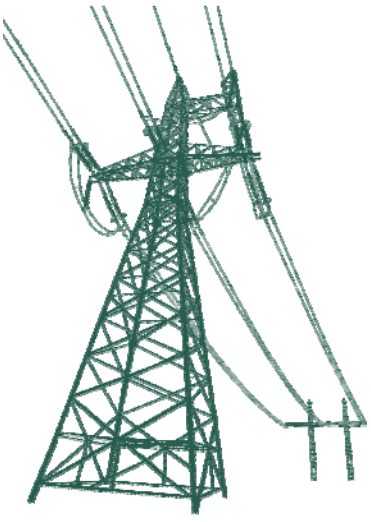
SECTION IV:

CHANGES IN GENERATING CAPACITY SINCE THE 2013 GOLD BOOK



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Section IV

This section reports a list of proposed projects pursuing the NYISO interconnection process by Class Year[10], together with other generator additions, re-ratings and retirements. As shown in Table IV-1, one new project amounting to 19 MW of summer capacity and 23 MW of winter capacity has met the inclusion rule for the 2014 Reliability Needs Assessment (RNA) Base Case.

Resources located within the PJM, ISO-New England and Quebec Control Areas may qualify as Installed Capacity Suppliers to the NYCA. Currently, the Independent Electricity System Operator of Ontario (IESO), which operates another Control Area directly interconnected to the NYCA, does not meet the NYISO requirement relating to the recall of transactions associated with capacity sold to New York. Therefore, resources located within the IESO Control Area do not qualify as Installed Capacity Suppliers to the NYCA.

[10] Under the NYISO interconnection process, Interconnection Facilities Studies for proposed generation and merchant transmission projects are performed under the Class Year process defined in Attachment S of the NYISO OATT. A "Class Year" refers to the group of such projects included for evaluation in a given Class Year Facilities Study.

Table IV-1: Proposed Generator Additions

QUEUE POS.	OWNER / OPERATOR	STATION UNIT	ZONE	DATE	NAMEPLATE RATING (MW)	CRIS[1] (MW)	SUMMER (MW)	WINTER (MW)	UNIT TYPE	CLASS YEAR	NOTES
		Completed Class Year Facilities Study									
237	Allegany Wind, LLC	Allegany Wind	A	2015/11	72.5	0.0	72.5	72.5	Wind Turbines	2010	
197	PPM Roaring Brook, LLC / PPM	Roaring Brook Wind	E	2015/12	78.0	0.0	78.0	78.0	Wind Turbines	2008	
349	Taylor Biomass Energy Mont., LLC	Taylor Biomass	G	2015/12	21.0	19.0	19.0	22.5	Solid Waste	2011	(2)
251	CPV Valley, LLC	CPV Valley Energy Center	G	2016/05	820.0	680.0	677.6	690.6	Combined Cycle	2011	
201	NRG Energy	Berrians GT	J	2017/06	200.0	155.0	200.0	200.0	Combined Cycle	2011	
224	NRG Energy, Inc.	Berrians GT II	J	2017/06	78.9	0.0	50.0	90.0	Combined Cycle	2011	
		Class Year 2012 Projects									
189	Atlantic Wind, LLC	Horse Creek Wind	E	2014/12	126.0	TBD	126.0	126.0	Wind Turbines		
266	NRG Energy, Inc.	Berrians GT III	J	2016/06	278.9	TBD	250.0	290.0	Combined Cycle		
310	Cricket Valley Energy Center, LLC	Cricket Valley Energy Center	G	2018/01	1308.0	TBD	1019.9	1136.0	Combined Cycle		
322	Rolling Upland Wind Farm, LLC	Rolling Upland Wind	E	2018/10	59.9	TBD	59.9	59.9	Wind Turbines		
		Class Candidates[3]									
372	Dry Lots Wind, LLC	Dry Lots Wind	E	2014/11	33.0	TBD	33.0	33.0	Wind Turbines		
354	Atlantic Wind, LLC	North Ridge Wind	E	2014/12	100.0	TBD	100.0	100.0	Wind Turbines		
276	Air Energie TCI, Inc.	Crown City Wind	C	2014/12	90.0	TBD	90.0	90.0	Wind Turbines		
371	South Moutain Wind, LLC	South Mountain Wind	E	2014/12	18.0	TBD	18.0	18.0	Wind Turbines		
360	NextEra Energy Resources, LLC	Watkins Glen Wind	C	2015/07	122.4	TBD	122.4	122.4	Wind Turbines		
270	Wind Development Contract Co, LLC	Hounsfield Wind	E	2015/12	244.8	TBD	244.8	244.8	Wind Turbines		
347	Franklin Wind Farm, LLC	Franklin Wind	E	2015/12	50.4	TBD	50.4	50.4	Wind Turbines		
382	Astoria Generating Co.	South Pier Improvement	J	2016/06	190.0	TBD	88.0	190.0	Combustion Turbines		
383	NRG Energy, Inc.	Bowline Gen. Station Unit #3	G	2016/06	814.0	TBD	775.0	814.0	Combined Cycle		
361	US PowerGen Co.	Luyster Creek Energy	J	2017/06	508.6	TBD	401.0	444.0	Combined Cycle		
		Other Non Class Year Generators[4]									
378	Invenergy NY LLC	Marsh Hill Wind	C	2014/10	16.2	0.0	16.2	16.2	Wind Turbines		
398	Black Oak Wind Farm, LLC	Black Oak Wind	C	2015/06	12.6	0.0	12.6	12.6	Wind Turbines		
377	Monroe County	Monroe County Mill Seat	B	2015/Q4	3.2	0.0	3.2	3.2	Methane		
362	Monticello Hills Wind, LLC	Monticello Hills Wind	E	2015/12	19.8	0.0	19.8	19.8	Wind Turbines		
					Total		**4,527.3**	**4,923.9**			

Notes:

1. CRIS values reflect capacity level of the unit that is deemed deliverable. See Definitions of Labels on Load & Capacity Schedule (Sec. V) for description.
2. Projects that have met the inclusion rule for the 2014 RNA Base Case and are included as new additions in this year's Load and Capacity Schedule, Table V-2a & V-2b.
3. Projects that are potential candidates to enter the next Open Class Year -- i.e., Large Generating Facilities with Operating Committee approved System Reliability Impact Studies and Small Generating Facilities that have completed a comparable milestone and for which non-Local System Upgrade Facilites are required.
4. Small Generating Facilities that are not subject to a Class Year Interconnection Facilities Study but that have achieved comparable milestones to projects in the "Class Candidates" section.

Table IV-2: Proposed Generator Re-ratings

							INCREMENTAL CAPABILITY (MW)				TOTAL CAPABILITY[2] (MW)				
QUEUE POS.	OWNER / OPERATOR	STATION UNIT	ZONE	DATE	PTID	Class Year	Rating (MW)	CRIS[1]	SUMMER	WINTER	Rating (MW)	CRIS[1]	SUMMER	WINTER	Notes
338	Rochester Gas & Electric Corp.	Station 2	B	2018/09	23604		6.3	0.0	6.3	6.3	14.8	6.5	14.8	14.8	
	Total						**6.3**	**0.0**	**6.3**	**6.3**	**14.8**	**6.5**	**14.8**	**14.8**	

1. CRIS values reflect capacity level of the unit that is deemed deliverable. See Definitions of Labels on Load and Capacity Schedule (Sec. V) for description.
2. Total capability values include current and incremental capability values.

Tables IV-3 and IV-4: Generator Retirements[1]

Table IV-3a: Units Removed from Existing Capacity since the 2013 Gold Book

					CAPABILITY (MW)			
OWNER / OPERATOR	**STATION UNIT**	**ZONE**	**DATE** (2)	**PTID**	**CRIS** (3)	**SUMMER** (3)	**WINTER** (3)	**Notes**
AES ES Westover LLC	Westover LESR	C	08/20/2013	323668		0.0	0.0	(4)
Erie Blvd. Hydro - Seneca Oswego	Seneca Oswego Fulton 1	C	08/01/2013	24041	0.7	0.8	0.8	
Erie Blvd. Hydro - Seneca Oswego	Seneca Oswego Fulton 2	C	08/01/2013	24041	0.3	0.5	0.5	
Freeport Electric	Freeport 1-1	K	05/01/2013	1660	0.0	1.5	2.0	(4)
ReEnergy Chateaugay LLC	Chateaugay Power	D	06/03/2013	23792	18.6	18.2	18.5	(5)
Rochester Gas and Electric Corp.	Station 9	B	03/03/2014	23652	15.8	14.3	18.3	(4)
Syracuse Energy Corporation	Syracuse Energy ST1	C	09/25/2013	323597	11.0	11.0	11.0	(4)
Syracuse Energy Corporation	Syracuse Energy ST2	C	09/25/2013	323598	58.9	63.9	61.4	(4)
TC Ravenswood, LLC	Ravenswood 07	J	03/13/2014	24255	16.5	12.7	15.4	(5)
				Total	**121.8**	**122.9**	**127.9**	(6)

1. The term "retirement" is defined per PSC Order in Case 05-E-0889, footnote 1: 'The Instituting Order defined "retirements" to collectively include shut-downs, abandonments, mothballing, and other circumstances where a generating unit is taken out of service for a substantial period of time, excluding scheduled maintenance and forced outages."
2. Effective date as per the Letter of Intent to Retire or Mothball Unit
3. The CRIS, and Summer and Winter capacity levels are those that were in effect when the unit was last in-service.
4. Unit owner provided notice of retirement.
5. Unit owner provided notice of mothballing. The CRIS, and Summer and Winter capacity levels were in effect when the unit was last in-service.
6. Units Greenidge 4 (PTID 23583) and Westover 8 (PTID 23580) were placed under protective lay-up on March 19, 2011, and subsequently retired as of September 21, 2012. Neither unit was was included as existing capacity in the 2013 Gold Book.

Table IV-3b: Units Mothballed or Under Protective Lay-up Listed in Previous Gold Books

					CAPABILITY (MW)			
OWNER / OPERATOR	**STATION UNIT**	**ZONE**	**DATE** (1)	**PTID**	**CRIS** (2)	**SUMMER** (2)	**WINTER** (2)	**Notes**
Astoria Generating Company L.P.	Astoria 2	J	06/11/2012	24149	177.0	182.8	182.6	
Astoria Generating Company L.P.	Astoria 4	J	04/18/2012	23517	375.6	381.2	386.8	
Dynegy Danskammer, LLC	Danskammer 1	G	01/03/2013	23586	67.0	61.0	63.5	(3)
Dynegy Danskammer, LLC	Danskammer 2	G	01/03/2013	23589	62.7	59.2	61.7	(3)
Dynegy Danskammer, LLC	Danskammer 3	G	01/03/2013	23590	137.2	137.7	137.2	(3)
Dynegy Danskammer, LLC	Danskammer 4	G	01/03/2013	23591	236.2	237.0	236.5	(3)
Dynegy Danskammer, LLC	Danskammer 5	G	01/03/2013	23592	2.5	0.0	0.0	(3)
Dynegy Danskammer, LLC	Danskammer 6	G	01/03/2013	23592	2.5	0.0	0.0	(3)
NRG Power Marketing LLC	Dunkirk 1	A	06/01/2013	23563	96.2	75.0	75.0	
NRG Power Marketing LLC	Dunkirk 3	A	09/11/2012	23565	201.4	185.0	185.0	(4)
NRG Power Marketing LLC	Dunkirk 4	A	09/11/2012	23566	199.1	185.0	185.0	(4)
				Total	**1557.4**	**1503.9**	**1513.3**	

1. The effective date as per the Letter of Intent to Retire or Mothball unit.
2. The CRIS, and Summer and Winter capacity levels are those that were in effect when the unit was last in-service.
3. On April 1, 2014, the owners of Danskammer 1 through Danskammer 6 filed a petition at the New York Public Service Commission requesting authorization to return these units to operation.
4. On January 15, 2014, the owner of Dunkirk 2, 3, and 4 provided notice of its intention to undertake modifications to Dunkirk 2, 3 and 4 by September 1, 2015. See also, the pending waiver request filed with the Federal Energy Regulatory Commission in Docket No. ER14-1445-000.

Table IV-4a: Scheduled Retirements or Mothballing Effective after March 31, 2014

					CAPABILITY (MW)			
OWNER / OPERATOR	**STATION UNIT**	**ZONE**	**DATE** (1)	**PTID**	**CRIS**	**SUMMER**	**WINTER**	**Notes**
Cayuga Operating Company, LLC	Cayuga 1	C	07/01/2017	23584	154.1	156.0	154.8	(2)
Cayuga Operating Company, LLC	Cayuga 2	C	07/01/2017	23585	154.7	158.9	152.9	(2)
NRG Power Marketing LLC	Dunkirk 2	A	06/01/2015	23564	97.2	75.0	75.2	(3), (4)
				Total	**406.0**	**389.9**	**382.9**	

1. The effective date as per the Letter of Intent to Retire or Mothball.
2. Unit is currently operating under a Reliability Support Services agreement through June 30, 2017.
3. Unit is currently operating under a Reliability Support Services agreement through May 31, 2015.
4. On January 15, 2014, the owner of Dunkirk 2, 3, and 4 provided notice of its intention to undertake modifications to Dunkirk 2, 3 and 4 by September 1, 2015. See also, the pending waiver request filed with the Federal Energy Regulatory Commission in Docket No. ER14-1445-000.

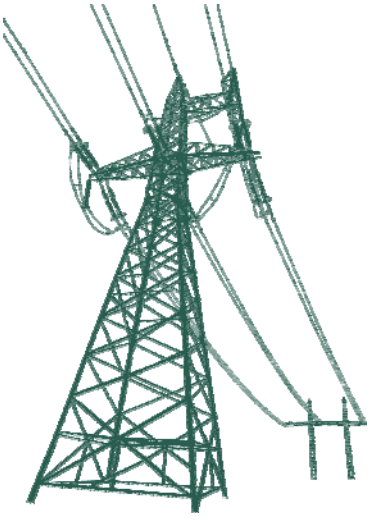
Table IV-4b: Proposed Retirements or Mothballing Effective after March 31, 2014

					CAPABILITY (MW)			
OWNER / OPERATOR	**STATION UNIT**	**ZONE**	**DATE** (1)	**PTID**	**CRIS**	**SUMMER**	**WINTER**	**Notes**
NRG Power Marketing LLC	Astoria GT 10	J	06/01/2017	24110	24.9	17.2	20.7	(2)
NRG Power Marketing LLC	Astoria GT 11	J	06/01/2017	24225	23.6	16.5	20.6	(2)
NRG Power Marketing LLC	Astoria GT 12	J	06/01/2017	24226	22.7	17.2	21.9	(2)
NRG Power Marketing LLC	Astoria GT 13	J	06/01/2017	24227	24.0	17.1	21.1	(2)
Selkirk Cogen Partners, L.P.	Selkirk-I	F	09/01/2014	23801	82.1	76.1	102.7	(3)
Selkirk Cogen Partners, L.P.	Selkirk-II	F	09/01/2014	23799	291.3	271.6	324.4	(3)
				Total	**468.6**	**415.7**	**511.4**	

1. The effective date as per the Letter of Intent to Retire or Mothball.
2. The removal of these units is associated with the addition of the Berrians I and Berrians II units. (See Table IV-1).
3. Unit owner provided notice of proposed mothballing.

SECTION V:

LOAD & CAPACITY SCHEDULE
AS OF MARCH 31, 2014



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Section V

This section provides a summary of NYCA load and capacity from 2013 through 2024. Table V-1 is a summary of the transactions external to NYCA, Table V-2a is a summary of the NYCA Load and Capacity Schedule for the Summer Capability Period, and Table V-2b is a summary of the NYCA Load and Capacity Schedule for the Winter Capability Period. Information for Tables V-2a and V-2b is obtained from Tables I-1, III-2, IV-1 through IV-3, and V-1. Definitions of the entries reported in Table V-2 are on the following page.

Additionally, the NYISO's Installed Capacity market rules allow Special Case Resources (*i.e.*, interruptible load customers and qualified Local Generators) to participate in the Installed Capacity market. Based on current projections, these customers are expected to provide 1,189 MW of summer capacity for the NYISO in 2014 and 843 MW of winter capacity. Table V-2 also reports the summer and winter capacity projections for Special Case Resources (SCR).

The NYCA Resource Capability for Summer 2014 Capability Period totals 39,167 MW. With the inclusion of Net Purchases and Sales, the total NYCA Resource Capability is 41,298 MW for Summer 2014 Capability Period. Proposed additions, retirements and re-ratings that do not meet Base Case inclusion rules are reported in total as Proposed Resources Changes in Table V-2a.

Definitions of Labels on Load and Capacity Schedule

Existing Generating Facilities	Generating facilities that have been in operation prior to the seasonal peak demand.
Additions	Expected generating additions prior to the seasonal peak demand.
Re-ratings	Generator re-ratings prior to the seasonal peak demand.
Retirements	Generating retirements prior to the seasonal peak demand.
Special Case Resources (SCR)	SCR are loads capable of being interrupted upon demand and Local Generators that are not visible to the ISO's Market Information System. SCR are subject to special rules in order to participate as Capacity suppliers.
NYCA Resource Capability	Summation of all existing generation, additions, re-ratings, retirements and Special Case Resources.
Net Purchases and Sales	Net value of transactions with neighboring control areas.
Unforced Capacity Deliverability Rights (UDRs)	Controllable transmission projects that provide a transmission interface into NYCA
Total Resource Capability	The sum of NYCA Resource Capability and Purchases minus Sales.
Peak Demand Forecast	Baseline forecast of coincident peak demand of the New York Control Area.
Expected Reserve	Total Resource Capability minus Peak Demand.
Reserve Margin %	Expected Reserve divided by Peak Demand expressed as a percentage.
Proposed Resource Changes	Includes all proposed generator additions, re-ratings and retirements from Section IV, except those that have met Base Case inclusion rules as described in the Comprehensive Reliability Planning Process (CRPP) manual.
Adjusted Resource Capability	The Total Resource Capability plus Proposed Resource Changes.
Adjusted Expected Reserve	Adjusted Resource Capability minus Peak Demand.
Adjusted Reserve Margin %	Adjusted Expected Reserve divided by Peak Demand expressed as a percent.
Capacity Resource Interconnection Service (CRIS)	CRIS values, in MW of Installed Capacity, for the Summer Capability Period are established pursuant to the deliverability test methodology and procedures contained in Attachments X, S and Z to the NYISO OATT. CRIS is required in order for capacity from a generator to be Installed Capacity for purposes of the NYISO's Installed Capacity market.

Table V-1: Summary of Transactions External to NYCA

SUMMER NET PURCHASES & SALES

MEGAWATT (1) (2)

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
2130.2	2437.2	2437.2	2437.2	2437.2	2437.2	2437.2	2437.2	2437.2	2437.2	2437.2

WINTER NET PURCHASES & SALES

MEGAWATT (1) (2)

2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
1077.5	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5

(1) - Figures reflect the use of Unforced Capacity Deliverability Rights (UDRs) as currently known. For more information on the use of UDRs, please see Sec. 4.14 of the ICAP Manual.
(2) - Negative Net Purchases and Sales values represent higher total Sales out of NYCA than total Purchases into NYCA

Table V-2a: NYCA Load and Capacity Schedule – Summer Capability Period

		MEGAWATT												
	SUMMER CAPABILITY	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**Totals**
Fossil	Steam Turbine (Oil)	809.6	759.3	759.3	759.3	759.3	759.3	759.3	759.3	759.3	759.3	759.3	759.3	
	Steam Turbine (Oil & Gas)	8255.3	7945.4	7945.4	7945.4	7945.4	7945.4	7945.4	7945.4	7945.4	7945.4	7945.4	7945.4	
	Steam Turbine (Gas)	511.1	837.6	837.6	837.6	837.6	837.6	837.6	837.6	837.6	837.6	837.6	837.6	
	Steam Turbine (Coal)	1547.5	1495.1	1495.1	1420.1	1420.1	1105.2	1105.2	1105.2	1105.2	1105.2	1105.2	1105.2	
	Combined Cycle	8991.3	8992.6	8992.6	8992.6	8992.6	8992.6	8992.6	8992.6	8992.6	8992.6	8992.6	8992.6	
	Jet Engine (Oil)	510.3	721.0	721.0	721.0	721.0	721.0	721.0	721.0	721.0	721.0	721.0	721.0	
	Jet Engine (Gas & Oil)	655.1	1083.4	1083.4	1083.4	1083.4	1083.4	1083.4	1083.4	1083.4	1083.4	1083.4	1083.4	
	Jet Engine (Gas)	0.0	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	
	Combustion Turbine (Oil)	1159.3	1058.3	1058.3	1058.3	1058.3	1058.3	1058.3	1058.3	1058.3	1058.3	1058.3	1058.3	
	Combustion Turbine (Oil & Gas)	1534.7	1020.5	1020.5	1020.5	1020.5	1020.5	1020.5	1020.5	1020.5	1020.5	1020.5	1020.5	
	Combustion Turbine (Gas)	997.9	668.6	668.6	668.6	668.6	668.6	668.6	668.6	668.6	668.6	668.6	668.6	
	Internal Combustion	54.0	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	
Pumped Storage	Pumped Storage Hydro	1406.6	1406.1	1406.1	1406.1	1406.1	1406.1	1406.1	1406.1	1406.1	1406.1	1406.1	1406.1	
Nuclear	Steam (PWR Nuclear)	2650.2	2642.4	2642.4	2642.4	2642.4	2642.4	2642.4	2642.4	2642.4	2642.4	2642.4	2642.4	
	Steam (BWR Nuclear)	2760.6	2775.9	2775.9	2775.9	2775.9	2775.9	2775.9	2775.9	2775.9	2775.9	2775.9	2775.9	
Renewable (5)	Conventional Hydro	4275.8	4272.1	4272.1	4272.1	4272.1	4272.1	4272.1	4272.1	4272.1	4272.1	4272.1	4272.1	
	Internal Combustion (Methane)	101.0	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	
	Steam Turbine (Wood)	38.7	109.2	109.2	109.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	
	Steam Turbine (Refuse)	262.7	262.6	262.6	262.6	262.6	262.6	262.6	262.6	262.6	262.6	262.6	262.6	
	Wind (6)	1366.8	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	
	Solar (8)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	
	EXISTING GENERATING FACILITIES	37920.0	37978.3	37978.3	37903.3	37922.3	37607.4	37607.4	37607.4	37607.4	37607.4	37607.4	37607.4	
	Special Case Resources - SCR (3)	1558.3	1189.0	1189.0	1189.0	1189.0	1189.0	1189.0	1189.0	1189.0	1189.0	1189.0	1189.0	
Changes (10)	Additions and Uprates	4.6	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**19.0**
	Net Change in Capacity													
	Scheduled Retirements (9)		0.0	-75.0	0.0	-314.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**-389.9**
	NYCA RESOURCE CAPABILITY	39482.9	39167.3	39092.3	39111.3	38796.4	38796.4	38796.4	38796.4	38796.4	38796.4	38796.4	38796.4	
Contracts	Net Purchases and Sales (1) (7)	1969.0	2130.2	2437.2	2437.2	2437.2	2437.2	2437.2	2437.2	2437.2	2437.2	2437.2	2437.2	
	TOTAL RESOURCE CAPABILITY	41451.9	41297.5	41529.5	41548.5	41233.6	41233.6	41233.6	41233.6	41233.6	41233.6	41233.6	41233.6	
	BASE FORECAST													
	Peak Demand Forecast		33666.0	34066.0	34412.0	34766.0	35111.0	35454.0	35656.0	35890.0	36127.0	36369.0	36580.0	
	Expected Reserve		7631.5	7463.5	7136.5	6467.6	6122.6	5779.6	5577.6	5343.6	5106.6	4864.6	4653.6	
	Installed Capacity Reserve Margin % (4)		22.7	21.9	20.7	18.6	17.4	16.3	15.6	14.9	14.1	13.4	12.7	
	Proposed Resource Changes (2)		0.0	170.5	2429.8	3012.8	4032.7	4098.9	4098.9	4098.9	4098.9	4098.9	4098.9	
	Adjusted Resource Capability		41297.5	41700.0	43978.3	44246.4	45266.3	45332.5	45332.5	45332.5	45332.5	45332.5	45332.5	
	Adjusted Expected Reserve		7631.5	7634.0	9566.3	9480.4	10155.3	9878.5	9676.5	9442.5	9205.5	8963.5	8752.5	
	Adjusted Reserve Margin %		22.7	22.4	27.8	27.3	28.9	27.9	27.1	26.3	25.5	24.6	23.9	

Table V-2b: NYCA Load and Capacity Schedule – Winter Capability Period

		MEGAWATT												
	WINTER CAPABILITY	**2013/14**	**2014/15**	**2015/16**	**2016/17**	**2017/18**	**2018/19**	**2019/20**	**2020/21**	**2021/22**	**2022/23**	**2023/24**	**2024/25**	**Totals**
Fossil	Steam Turbine (Oil)	835.1	836.0	836.0	836.0	836.0	836.0	836.0	836.0	836.0	836.0	836.0	836.0	
	Steam Turbine (Oil & Gas)	8248.2	7975.3	7975.3	7975.3	7975.3	7975.3	7975.3	7975.3	7975.3	7975.3	7975.3	7975.3	
	Steam Turbine (Gas)	523.8	850.4	850.4	850.4	850.4	850.4	850.4	850.4	850.4	850.4	850.4	850.4	
	Steam Turbine (Coal)	1565.4	1484.6	1484.6	1409.6	1409.6	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	1101.9	
	Combined Cycle	10239.3	10257.5	10257.5	10257.5	10257.5	10257.5	10257.5	10257.5	10257.5	10257.5	10257.5	10257.5	
	Jet Engine (Oil)	632.2	867.9	867.9	867.9	867.9	867.9	867.9	867.9	867.9	867.9	867.9	867.9	
	Jet Engine (Gas & Oil)	710.6	1263.8	1263.8	1263.8	1263.8	1263.8	1263.8	1263.8	1263.8	1263.8	1263.8	1263.8	
	Jet Engine (Gas)	0.0	326.2	326.2	326.2	326.2	326.2	326.2	326.2	326.2	326.2	326.2	326.2	
	Combustion Turbine (Oil)	1406.3	1316.2	1316.2	1316.2	1316.2	1316.2	1316.2	1316.2	1316.2	1316.2	1316.2	1316.2	
	Combustion Turbine (Oil & Gas)	1893.5	1197.7	1197.7	1197.7	1197.7	1197.7	1197.7	1197.7	1197.7	1197.7	1197.7	1197.7	
	Combustion Turbine (Gas)	1105.7	694.4	694.4	694.4	694.4	694.4	694.4	694.4	694.4	694.4	694.4	694.4	
	Internal Combustion	56.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	
Pumped Storage	Pumped Storage Hydro	1408.9	1409.2	1409.2	1409.2	1409.2	1409.2	1409.2	1409.2	1409.2	1409.2	1409.2	1409.2	
Nuclear	Steam (PWR Nuclear)	2657.7	2659.6	2659.6	2659.6	2659.6	2659.6	2659.6	2659.6	2659.6	2659.6	2659.6	2659.6	
	Steam (BWR Nuclear)	2773.1	2789.0	2789.0	2789.0	2789.0	2789.0	2789.0	2789.0	2789.0	2789.0	2789.0	2789.0	
Renewable (5)	Conventional Hydro	4283.2	4263.5	4263.5	4263.5	4263.5	4263.5	4263.5	4263.5	4263.5	4263.5	4263.5	4263.5	
	Internal Combustion (Methane)	99.4	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	
	Steam Turbine (Wood)	39.2	109.9	109.9	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	
	Steam Turbine (Refuse)	263.5	265.3	265.3	265.3	265.3	265.3	265.3	265.3	265.3	265.3	265.3	265.3	
	Wind (6)	1366.8	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	1462.6	
	Solar (8)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	
	EXISTING GENERATING FACILITIES	40139.5	40220.5	40220.5	40168.0	40168.0	39860.3	39860.3	39860.3	39860.3	39860.3	39860.3	39860.3	
	Special Case Resources - SCR (3)	916.6	843.0	843.0	843.0	843.0	843.0	843.0	843.0	843.0	843.0	843.0	843.0	
Changes (10)	Additions and Uprates	99.0	0.0	22.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**22.5**
	Net Change in Capacity Scheduled Retirements (9)		0.0	-75.0	0.0	-307.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**-382.7**
	NYCA RESOURCE CAPABILITY	41155.1	41063.5	41011.0	41011.0	40703.3	40703.3	40703.3	40703.3	40703.3	40703.3	40703.3	40703.3	
Contracts	Net Purchases and Sales (1) (7)	1062.6	1077.5	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5	1384.5	
	TOTAL RESOURCE CAPABILITY	42217.7	42141.0	42395.5	42395.5	42087.8	42087.8	42087.8	42087.8	42087.8	42087.8	42087.8	42087.8	
	BASE FORECAST													
	Peak Demand Forecast		24737.0	24795.0	24856.0	24906.0	24966.0	25104.0	25177.0	25252.0	25334.0	25427.0	25537.0	
	Expected Reserve		17404.0	17600.5	17539.5	17181.8	17121.8	16983.8	16910.8	16835.8	16753.8	16660.8	16550.8	
	Installed Capacity Reserve Margin % (4)		70.4	71.0	70.6	69.0	68.6	67.7	67.2	66.7	66.1	65.5	64.8	

(1) - Purchases & Sales are with neighboring Control Areas. Negative Net Purchases and Sales values represent higher total Sales out of NYCA than total Purchases into NYCA.
(2) - Proposed Resource Changes - Includes all proposed generator additions, reratings and retirements from Section IV, except those that have met Base Case inclusion rules as described in the Comprehensive Reliability Planning Process (CRPP) manual. Total net capacity is shown.
(3) - Special Case Resources (SCR) are loads capable of being interrupted upon demand and Local Generators that are not visible to the ISO's Market Information System. SCRs are subject to special rules in order to participate as Capacity suppliers.
(4) - The current Installed Capacity Reserve Margin requirement for the 2014-2015 Capability Year is 17.0%.
(5) - The Renewable Category does not necessarily match the New York State Renewable Portfolio Standard (RPS) Definition.
(6) - Existing wind generators are listed at their full nameplate rating.
(7) - Figures include the use of Unforced Capacity Delivery Rights (UDRs) as currently known. For more information on the use of UDRs, please see Section 4.14 of the ICAP Manual.
(8) - Existing solar generators are listed at their full nameplate rating.
(9) - Scheduled Retirements as shown in Table IV-3B. Existing Retirements in Table IV-3A are accounted for in the list of 2014 Existing Generating Facilities.
(10) - Values for the year 2014 reflect the changes since the 2013 Gold Book was published.

This page was corrected on May 27, 2014

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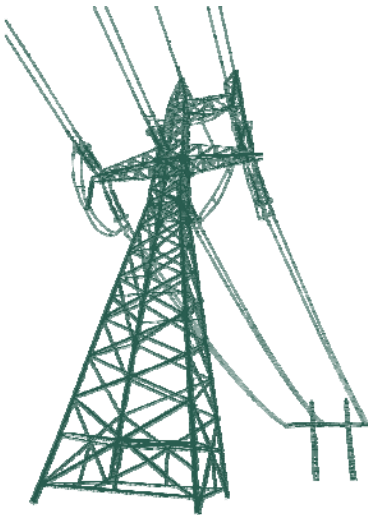
SECTION VI:

EXISTING TRANSMISSION FACILITIES
AS OF MARCH 31, 2014



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Section VI

This section contains the updated list of existing transmission facilities as provided by each Transmission Owner operating in the NYCA.

Table VI-1a: Existing Transmission Facilities – Central Hudson Gas & Electric Corporation

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Roseton	Hurley Avenue		345		3.93	1	2-1033.5 ACSR	2336	2866	B	2
			345		1.15	1	2-1033.5 ACSR			B	3
			345		20.44	1	2-1033.5 ACSR			B	1
			345		2.63	1	2-1033.5 ACSR			B	4
			345		1.63	1	2-1033.5 ACSR			D	1
			345		0.55	1	2-1033.5 ACSR			E	2
Hurley Avenue	Leeds		345		25.90	1	2-1033.5 ACSR	2336	2866	B	1
			345		1.28	1	2-1033.5 ACSR			B	2
			345		0.96	1	2-1033.5 ACSR			B	3
			345		0.48	1	2-1033.5 ACSR			D	3
Roseton	Rock Tavern		345		8.13	1	2-1033.5 ACSR	2336	2866	B	2
			345		9.03	1	2-1033.5 ACSR			B	3
Fishkill Plains	Todd Hill		115		5.23	1	397.5 ACSR	718	873	B	2
Todd Hill	Pleasant Valley		115		5.60	1	397.5 ACSR	718	873	B	2
Fishkill Plains	Sylvan Lake	*(2)*	115		5.92	1	1033.5 ACSR	1168	1284	B	1
Danskamer	North Chelsea	*(c)*	115		0.04	1	795 AAC	917	1082	B	1
			115		0.82	1	1250 CU			A	1
		(c)	115		0.94	1	2-397.5 ACSR			B	2
Danskamer	Marlboro	*(c)*	115		2.18	1	605 ACSR	917	1141	E	3
Marlboro	West Balmville		115		4.55	1	795 ACSR	624	732	B	1
Danskammer	NYBWS Tap		115		0.84	1	1250 CU	893	1005	A	1
NYBWS Tap	North Chelsea	*(c)*	115		0.94	1	2-397.5 ACSR	917	1282	B	2
NYBWS Tap	NYBWS		115		0.35	1	336.4 ACSR	629	764	B	1
Danskammer	Reynolds Hill	*(c)*	115		2.18	1	795 ACSR	917	1189	E	3
		(c)	115		8.42	1	795 ACSR			B	1
		(c)	115		0.63	1	2000 CU			A	2
Danskammer	Chadwick Lake		115		1.61	1	795 ACSR	884	1128	B	1
			115		1.99	1	795 ACSR			B	2
			115		3.66	1	795 ACSR			B	3
West Balmville	Chadwick Lake	*(c)*	115		4.06	1	795 AAC	877	1097	D	1
East Walden	Chadwick Lake		115		4.16	1	795 AAC	884	1128	D	2
North Chelsea	Forgebrook		115		3	1	795 AAC	884	1128	B	1
Forgebrook	Merritt Park		115		0.00	1	795 AAC	973	1218	E	2
			115		1.32	1	795 AAC			B	1
Merritt Park	Wiccopee		115		2.82	1	795 AAC	973	1227	B	1
			115		0.02	1	1272 AAC			B	1
Forgebrook	Tioronda		115		4.98	1	336.4 ACSR	629	764	B	1
			115		0.36	1	795 AAC			E	2
Fishkill Plains	East Fishkill		115		2.05	1	795 ACSR	995	1218	B	1
East Fishkill	Shenandoah		115		1.98	1	795 ACSR	995	1218	B	1
Lincoln Park	Hurley Avenue	*(c)*	115		2.03	1	1272 AAC	995	1218	B	1
			115		2.54	1	795 ACSR			B	2
East Walden	Rock Tavern	*(c)*	115		7.55	1	1033.5 ACSR	1168	1284	E	3
North Chelsea	Sand Dock	*(c)*	115		5.24	1	795 ACSR	917	1282	B	1
		(c)	115		0.75	1	1272 AAC			B	2
		(c)	115		1.04	1	1272 AAC			D	2
Sand Dock	Barnegat		115		0.03	1	795 ACSR	995	1218	D	1
Barnegat	Knapps Corners	*(c)*	115		1.12	1	795 ACSR	995	1196	B	2
		(c)	115		0.75	1	795 ACSR			D	2
		(c)	115		1.04	1	795 ACSR			B	1

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Thermal Ratings : *Normal ratings given in amperes based on the most limiting element of the circuit.*

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor

Table VI-1a (cont'd)
Existing Transmission Facilities – Central Hudson Gas & Electric Corporation

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Rhinebeck	East Kingston		115		1.27	1	1500 CU	877	1097	A	1
			115		3.46	1	795 AAC			B	1
East Kingston	Lincoln Park		115		2.04	1	795 AAC	973	1218	B	1
Wiccopee	Shenandoah		115		1.04	1	1272 AA	973	1218	B	1
			115		0.31	1	795 AAC			B	1
Pleasant Valley	Manchester	*(c)*	115		4.58	1	795 ACSR	917	1196	D	1
			115		0.84	1	795 ACSR			D	2
Spackenkill	Knapps Corners		115		2.36	1	795 ACSR	995	1196	B	1
Spackenkill	Manchester		115		2.64	1	795 ACSR	995	1196	B	1
Milan	Rhinebeck		115		6.77	1	795 AAC	877	1097	B	1
North Chelsea	Fishkill Plains	*(c)*	115		5.97	1	795 ACSR	917	1282	B	1
Reynolds Hill	Highland	*(c)*	115		0.91	1	795 ACSR	917	1189	D	1
			115		0.58	1	2000 CU			A	2
Highland	Ohioville		115		0.21	1	795 ACSR	648	846	D	1
			115		5.58	1	795 AAC	648	846	D	1
Ohioville	Hurley Avenue	*(c)*	115		7.13	1	795 ACSR	648	846	B	1
			115		0.82	1	795 ACSR			B	2
			115		4.63	1	795 ACSR			B	3
			115		2.39	1	795 ACSR			B	4
East Walden	Modena	*(c)*	115		5.66	1	1033.5 ACSR	1167	1433	E	1
Modena	Ohioville	*(c)*	115		7.51	1	1033.5 ACSR	1167	1433	E	1
Rock Tavern	Bethlehem Road		115		5.47	1	336.4 ACSR	629	764	B	2
Bethlehem Road	Union Avenue		115		3.67	1	336.4 ACSR	629	764	B	2
Rock Tavern	Union Avenue	*(c)*	115		9.14	1	795 ACSR	808	856	B	2
Rock Tavern	Sugarloaf		115		12.10	1	2-4/0 ACSR	888	897	E	1
Sugarloaf	N.J. State Line	*(2)*	115		10.31	1	4/0 ACSR	400	488	E	2
Sugarloaf	N.J. State Line	*(2)*	115		10.31	1	4/0 ACSR	400	488	E	2
Athens Tap(T-7)	North Catskill	*(2)(c)*	115		2.00	1	605 ACSR	648	846	D	1
		(c)	115		0.75	1	605 ACSR			E	2
Athens Tap(2)	North Catskill	*(2)(c)*	115		1.50	1	605 ACSR	624	732	D	1
		(c)	115		0.75	1	605 ACSR			E	2
Pleasant Valley	Inwood Avenue		115		4.94	1	795 AAC	877	1097	E	2
Inwood Avenue	Reynolds Hill		115		1.82	1	795 AAC	877	1097	E	2
East Walden	Coldenham	*(c)*	115		2.73	1	1033.5 ACSR	1167	1284	E	3
			115		2.12	1	1033.5 ACSR			B	2
Rock Tavern	Coldenham	*(c)*	115		4.79	1	1033.5 ACSR	1167	1284	E	3
			115		2.12	1	1033.5 ACSR			B	2
St. Pool	High Falls	*(1)(c)*	69	115	5.61	1	795 ACSR	579	732	B	1
High Falls	Kerhonkson	*(1)*	69	115	10.03	1	795 ACSR	376	454	B	1
Kerhonkson	Honk Falls	*(1)*	69	115	4.97	1	795 ACSR	275	337	B	2
Modena	Galeville	*(1)*	69	115	4.62	1	795 ACSR	342	414	B	1
Galeville	Kerhonkson	*(1)*	69	115	8.96	1	795 ACSR	342	414	B	1
Kerhonkson	Honk Falls	*(1)*	69	115	4.97	1	795 ACSR	275	337	B	2

Central Hudson Notes

(1) *These facilities are not counted as part of the 115 kV transmission mileage.*

(2) *Jointly Owned Facility -- data provided for Central Hudson equipment only.*

(c) *Data change since the publication of the 2013 Load and Capacity Data report.*

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported; ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor*

Table VI-1b: Existing Transmission Facilities – Consolidated Edison Company of New York

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Ramapo	PJM		500	5.30	1	2-2493 ACAR	1215	1405	D	1
Pleasant Valley	ISO-NE		345	17.80	1	2156 ACSR	1999	2260	D	1
Sprain Brook	Dunwoodie	**(3)**	345	1.30	2	2-795 ACSR	4107	5018	E	2
						2-2493 ACAR				
Fresh Kills	Goethals		345	2.50	2	2-795 ACSR	1728	2263	E	2
						2-795 ACSR	1618	1789		
Ramapo	NY / NJ State Line	**(1)**	345	3.42	2	2-1590 ACSR	2160	2820	E	2
						2-1590 ACSR	3030	3210		
Buchannan South	Millwood West		345	9.50	2	2-1172 ACAR	2624	3242	F	5
						2-2493 ACAR	2624	3242		
Dunwoodie	Mott Haven		345	11.35	2	2000 CU	1315	1377	A	
						2500 CU				
Mott Haven	Rainey		345	4.39	2	2000 CU	1315	1377	A	
						2500 CU				
Dunwoodie	LIPA	***(c)***	345	10.16	1	2500 CU	1155	1306	A	
						3000 CU				
Rainey	Farragut		345	7.40	3	2000 CU	1210	1298	A	
						2500 CU	1210	1298		
						2500 CU	1285	1374		
Farragut	East 13th St.		345	1.98	4	2000 CU	1386	1438	A	
						2500 CU	1413	1461		
						2500 CU	666	999		
						2500 CU	1030	1286		
Sprain Brook	Tremont		345	9.40	1	2000 CU	865	1007	A	
						2500 CU				
Farragut	Gowanus		345	4.05	2	2000 CU	1171	1215	A	
						2500 CU				
Gowanus	Goethals		345	12.95	2	2000 CU	867	989	A	
						2500 CU				
Farragut	PJM		345	3.25	1	2000 CU	945	1078	A	
						2500 CU				
Farragut	PJM		345	3.36	1	2000 CU	945	1051	A	
						2500 CU				
Millwood West	Eastview		345	9.30	3	2-2493 ACAR	4045	4281	E	4
Sprain Brook	West 49th St.		345	17.51	2	2500 CU	1414	1485	A	
Ramapo	Buchanan North	**(1)**	345	15.10	1	2-2493 ACAR	3000	3211	E	2
Ladentown	Buchanan South	**(1)**	345	9.90	1	2-2493 ACAR	3000	3211	E	2
Ramapo	Ladentown	**(1)**	345	5.20	1	2-2493 ACAR	3034	3211	E	2
West Haverstraw	Ladentown Switching	**(2)**	345	5.10	2	2-2493 ACAR	3030	3480	E	2
Rock Tavern	Ramapo		345	27.40	1	2-1590 ACSR	3030	3210	E	1
Buchanan North	Eastview		345	18.80	1	2-2493 ACAR	3034	3211	D	5

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit; C - Wood Structure Double Circuit; D - Steel Structure Single Circuit; E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported; ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor*

Table VI-1b (cont'd)
Existing Transmission Facilities – Consolidated Edison Company of New York

From	To	Note	Voltage Operating	Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Pleasantville	Dunwoodie		345		17.20	2	2-2493 ACAR	3030	3480	E	2
Eastview	Sprain Brook		345		9.10	2	2-2493 ACAR	3030	3480	E	4
Eastview	Sprain Brook		345		9.10	2	2-2493 ACAR	4045	4281	E	4
							2-2493 ACAR	3030	3480		
West 49th St.	East 13th St.		345		4.25	2	2500 CU	1401	1435	A	
Pleasant Valley	Wood St		345		28.00	1	2-2385 ACSR	3030	3480	E	4
Wood St	Millwood West		345		12.40	1	2-2385 ACSR	3030	3480	E	4
Pleasant Valley	Millwood West		345		40.40	1	2-2385 ACSR	3030	3480	E	4
Pleasant Valley	East Fishkill		345		12.10	2	2-2385 ACSR	3030	3480	E	4
		(c)					2-2385 ACSR	3030	3480		
East Fishkill	Wood St		345		15.90	1	2-2385 ACSR	3240	4243	E	4
Wood St.	Pleasantville	**(4)**	345		16.20	1	2-2385 ACSR	3126	3704	E	See Note
							2-2493 ACAR				
East Fishkill	Pleasantville	**(4)**	345		32.10	1	2-2385 ACSR	3240	4243	E	See Note
							2-2493 ACAR				
Sprainbrook	Academy		345		9.87	1	2000 CU	882	996	A	
Goethals	PJM		230		0.47	1	2-804 ACSR	1618	1818	D	1
							1-1590 ACSR				
Millwood West	Buchanan		138		9.50	2	1-1590 ACSR	1210	1280	F	5
Dunwoodie	Sprain Brook	***(c)***	138		1.30	2	2-795 ACSR	1296	1697	E	4
		(c)					1-2156 ACSR	1454	1805		
							1-2493 ACAR				
Dunwoodie South	East 179th St.	***(c)***	138		7.45	1	2500 CU	976	1125	A	
Dunwoodie North	Sherman Creek	***(c)***	138		7.88	1	1500 CU	648	715	A	
		(c)	138		7.95	1	2500 CU	879	1016	A	
Sherman Creek	East 179th St.	***(c)***	138		2.04	2	1500 CU	753	854	A	
							2000 CU				
Greenwood	Gowanus	***(c)***	138		0.69	2	2000 CU	1182	1271	A	
							2500 CU				
Greenwood	Fox Hills	***(c)***	138		6.41	2	1500 CU	810	908	A	
							2000 CU				
Fox Hills	Fresh Kills	***(c)***	138		7.51	2	2000 CU	844	960	A	
							2500 CU				
Hudson Avenue East	Jamaica	***(c)***	138		11.12	2	1500 CU	682	798	A	
Hudson Avenue East	Farragut	***(c)***	138		0.28	3	2000 CU	495	495	A	
							2000 CU	622	749		
		(c)					2500 CU	690	690		
Bowline Point	Minisceongo	**(8)**	138		0.70	2	2000 CU	995	1150	A	
East 179th St.	Parkchester		138		2.19	4	1250 CU	786	927	A	
							1500 CU				
							2500 CU				
East 179th St.	Hell Gate	***(c)***	138		4.26	3	1500 CU	769	871	A	
		(c)					2000 CU	769	871		
		(c)					2500 CU	976	1125		
Hell Gate	Astoria West	***(c)***	138		1.55	5	1500 CU	746	876	A	2
		(c)					2000 CU	780	900		
		(c)					2500 CU	790	920		
Hell Gate	Astoria East	***(c)***	138		1.74	2	1500 CU	810	908	A	2
		(c)					2000 CU				
Astoria Annex	Astoria East	***(c)***	138		0.05	1	1-795 ACSR	1098	1337		
					0.06		2500 CU				

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit; C - Wood Structure Double Circuit; D - Steel Structure Single Circuit; E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported; ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor*

Table VI-1b (cont'd)
Existing Transmission Facilities – Consolidated Edison Company of New York

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Astoria East	Corona	*(c)*	138	5.07	6	1500 CU	810	908	A	
						2000 CU				
Corona	Jamaica	*(c)*	138	4.55	2	1500 CU	775	898	A	
						2000 CU				
Jamaica	LIPA	*(c)*	138	5.62	2	900 CU	1146	1338	A	
Jamaica	LIPA	*(c)*	138	7.99	1	2500 CU	1057	1194	A	
Astoria West	Queensbridge	*(c)*	138	2.87	2	1500 CU	1620	1816	A	
		(c)				2000 CU	1688	1920		
		(c)	138	2.73	2	1500 CU	810	908	A	
						2000 CU				
Queensbridge	Vernon	*(c)*	138	0.59	1	2000 CU	1688	1920	A	
						1500 CU				
		(c)	138	0.92	1	2000 CU	1688	1920	A	
						1500 CU				
Vernon	Greenwood	*(c)*	138	9.58	2	1500 CU	810	908	A	
						2000 CU				
Vernon	West 49th Street		138	4.45	1	2000 CU	729	842	A	
						2500 CU				
Linden Cogen	Goethals (G23L/M)	**(5)**	345	1.50	1	CU	2504	2504	A	
Others:										
PJM (VFT)	Linden Cogen	**(6), (10)**	345	0.2	1	800 mm^2 CU	599	599	G	
Indian Pt. #3	Buchanan South	**(7)**	345	0.50	1	2-1172 ACAR	2634	3000	E	2
Hudson Transmission Convertor Stn	West 49th Street	**(9), (10)**	345	7.6	1	CU	1145	1145	A	

Consolidated Edison Notes

(1) *Facilities jointly owned by Consolidated Edison Company of N.Y. Inc., and Orange and Rockland Utilities, Inc., (Consolidated Edison of N.Y. Inc., 85% and Orange and Rockland Utilities, Inc., 15% from Ramapo Substation to Rockland/Westchester County Line)*

(2) *Facilities jointly owned by Consolidated Edison Company of N.Y. Inc., and Orange and Rockland Utilities, Inc., (Consolidated Edison of N.Y. Inc., 66.67% and Orange and Rockland Utilities, Inc., 33.33%)*

(3) *Rating is for two circuits in parallel*

(4) *There are four circuits on a common R.O.W. North of Millwood West and two circuits on a common R.O.W. South of Millwood West*

(5) *Facility is jointly owned by Consolidated Edison Company of New York Inc., and East Coast Power, LLC. (Consolidated Edison of N.Y. Inc., 43% and East Coast Power, LLC, 57%)*

(6) *Facility owned by East Coast Power, LLC*

(7) *Circuit owned by Entergy*

(8) *Facilities owned by GenOn.*

(9) *Facilities owned by Hudson Transmission Partners. The rating is limited to 660 MW by the DC conversion facility*

(10) *Includes portion of merchant-owned facilities located outside New York State*

(c) *Data change since the publication of the 2013 Load and Capacity Data report*

COLUMN HEADING FOOTNOTE:

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Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit; C - Wood Structure Double Circuit; D - Steel Structure Single Circuit; E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit; G - Conduit Above Ground

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported; ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor*

Table VI-1c: Existing Transmission Facilities – Long Island Power Authority

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Execution Rocks	Shore Road (Glenwood)		345	7.60	1	2500 CU	1040	1170	A	
Duffy Ave Convertor Station	Newbridge Rd 345kv	***(2)***	345	1.70	1	HDD 1600 mm2	1216	-	A	1
Newbridge	Ruland Road		138	7.93	2	795 ACSR	1099	1340	E	2
Queens / Nassau County Line	Valley Stream		138	2.49	1	1500 CU	1160	1310	A	
Ruland Road	Pilgrim		138	9.92	1	1272 SSAC	2080	2440	E	2
Ruland Road	Pilgrim		138	9.92	1	1272 SSAC	2370	2533	E	2
Holbrook	SuperCon		138	0.47	1	1192 ACSR	1399	1709	D	
			138	0.05	1	2300 AL	1851	2371	D	
SuperCon	Port Jefferson		138	8.33	1	1192 ACSR	1260	1500	D	
Holbrook	Port Jefferson		138	8.96	1	1192 ACSR	1260	1500	D	
Valley Stream	Barrett		138	4.36	1	1500 CU	915	1115	A	
Valley Stream	Barrett	***(c)***	138	4.28	1	1500 CU	780	802	A	
Newbridge	E. Garden City	***(c)***	138	3.84	2	1500 CU	855	1042	A	
Barrett	Freeport	***(c)***	138	5.33	1	1500 CU	732	851	A	
Freeport	Newbridge	***(c)***	138	6.33	1	1500 CU	886	996	A	
Valley Stream	E. Garden City	***(c)***	138	6.83	1	1500 CU	808	831	A	
Northport	Pilgrim		138	7.80	2	2-1500 CU	1800	2020	A	2
Northport	Elwood		138	3.64	2	2-2000 CU	1548	1754	A	2
Newbridge	Locust Grove	***(c)***	138	3.18	1	2-2000 CU	1580	1962	A	
			138	1.80	1	2300 AL	1851	2371	D	
Locust Grove	Syosset		138	3.26	1	2300 AL	1851	2371	D	1
Northport	NY/CT State Border		138	5.57	1	3/C 800mm^2 CU	648	648	A	
Northport	NY/CT State Border		138	5.57	1	3/C 800mm^2 CU	648	648	A	
Northport	NY/CT State Border		138	5.57	1	3/C 800mm^2 CU	648	648	A	
Carle Place	E. Garden City		138	1.49	1	795 ACSR	1099	1340	E	
Roslyn	E. Garden City		138	2.71	1	795 ACSR	1099	1340	E	
			138	1.35	1	1192 AL	1243	1580	E	
			138	0.63	1	2500 CU	1588	1642	A	
Glenwood	Carle Place		138	6.87	1	1192 AL	1243	1580	E	
			138	0.63	1	2500 CU	1588	1642	A	
Glenwood	Roslyn		138	4.20	1	1192 AL	1243	1580	E	
Elwood	Greenlawn		138	1.91	1	2300 AL	1851	2371	D	2
			138	0.87	1	2-3000 AL	1734	2146	A	
Greenlawn	Syosset		138	3.54	1	2300 A	1851	2371	D	2
			138	2.56	1	2500 CU	1147	1356	A	
Elwood	Oakwood		138	4.41	1	2300 AL	1851	2371	D	2
			138	0.87	1	2-3000 AL	1734	2146	A	
Oakwood	Syosset		138	1.04	1	2300 AL	1851	2371	D	2
			138	2.56	1	2500 CU	1147	1356	A	
Holbrook	Sills Rd		138	7.81	1	2-1750 AL	3124	3996	E	
			138	0.11	1	2300 AL	1851	2371	D	
			138	0.09	1	2493 ACSR	2087	2565	D	
Sills Rd	Brookhaven	***(c)***	138	5.00	1	2-1590ACSR	2080	2440	E	
			138	0.28	1	2493 ACSR	2087	2565	D	
Hauppauge	Central Islip	***(c)***	138	0.02	1	2500 CU	910	1043		
			138	3.21	1	1192 ACSR	1399	1709	D	1,2
			138	2.26	1	3500 AL	1012	1247	A	
Hauppauge	Pilgrim		138	2.02	1	1192 ACSR	1343	1531	D	1

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Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit; C - Wood Structure Double Circuit; D - Steel Structure Single Circuit; E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit ;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported; ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor*

Table VI-1c (cont'd)
Existing Transmission Facilities – Long Island Power Authority

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Holbrook	Ronkonkoma		138		1.86	1	2-1192 ACSR	2798	3418	D	
Holbrook	Ronkonkoma	*(c)*	138		0.04	1	2493ACAR	2080	2440	D	
Ronkonkoma	Central Islip		138		2.65	1	2493ACAR	2087	2565	D	
			138		0.90	1	2-1192ACSR OH	2798	3418	D	
			138		0.73	1	3500 AL	1640	2062	A	
Northport	Pilgrim		138		7.80	1	1500 CU	900	1010	A	1
Shore Road	Lake Success	*(c)*	138		8.72	2	3500 AL	921	918	A	
Queens / Nassau County Line	Lake Success		138		0.10	1	1500 CU	1050	1180	A	
Holbrook	Miller Place		138		7.54	1	2493 ACAR	2087	2565	E	
			138		4.73	1	2300 AL	1851	2371	E	
Miller Place	Shoreham		138		8.41	1	2300 AL	1851	2140	E	
Riverhead	Canal		138		16.40	1	2368 KCMIL (1200 mm²)	1000	1137	A	1
Shoreham	Wildwood		138		1.00	1	2300 AL	1851	2371	D	
Wildwood	Riverhead		138		10.40	1	1192 AL	1243	1580	E	
Holbrook	North Shore Beach		138		7.54	1	1192 ACSR	1399	1709	E	
			138		8.92	1	2300 AL	1851	2371	E	
North Shore Beach	Wading River		138		0.23	1	2493 ACAR	2087	2565	E	
			138		3.52	1	2300 AL	1851	2371	E	
Wading River	Shoreham		138		0.46	1	2300 AL	1851	2140	E	
			138		0.22	1	2493 ACAR	2087	2565	E	
Shoreham	Wildwood	*(c)*	138		1.00	1	2300 AL	1851	2140	D	1
Wildwood	Brookhaven	*(c)*	138		6.30	1	2301 AL	1851	2373	D	
Ruland Road	Sterling		138		5.96	1	3500 AL	857	1078	A	
Holbrook	Ruland		138	345	21.60	1	2-1590 ACSR	3324	4078	E	2,4
			138		0.29	1	2493 ACAR	2087	2500	E	
Newbridge	Bagatelle	**(1)**	138		3.93	1	2500 CU parallel with	1626	2007	A	
			138		4.12	1	2493 ACAR	2087	2565	D	
			138		2.65	1	2-1590 ACSR	3324	4078	D	
Bagatelle	Pilgrim		138		7.20	1	2-1590 ACSR	2080	2440	E	
Brookhaven	Edwards Ave		138		6.50	1	2-1590 ACSR	3324	4078	E	
			138		0.10	1	1272 SSAC	2370	2533	E	
			138		0.73	1	2000 mm^2 Cu	1313	1313	A	
Edwards Ave	Riverhead		138		2.72	1	795 ACSR	1099	1340	E	
			138		0.11	1	1192 AL	1243	1580	E	
			138		0.76	1	2000 mm^2 CU	1313	1313	A	
West Bus	Pilgrim		138		11.70	1	2-1590 ACSR	3324	4078	E	2
			138		0.16	1	2493 ACAR	2080	2440	E	
West Bus	Holtsville GT		138		0.17	1	2494 ACAR	1248	1464	E	
E.Garden City	Newbridge		138	345	3.84	1	2500 CU	921	1117	A	3
West Bus	Sills Rd	*(c)*	138		0.26	1	2-1750 AL	3124	3996	E	
			138		9.00	1	2-1590 ACSR	3324	4078	E	
		(c)	138		0.23	1	2493 ACAR	2087	2565	E	
West Bus	Holtsville GT	*(c)*	138		0.15	1	2494 ACAR	2080	2440	E	
Sills Rd	Brookhaven		138		0.20	1	2493ACAR	1664	1952	E	
			138		4.85	1	2-1750AL	3124	3996	E	
			138		0.15	1	2300AL	1851	2371	E	
			138		0.05	1	2000 mm2 Cu	3423	3915	A	
Holbrook	West Bus	*(c)*	138		0.20	1	2-1750 AL	3124	3750	E	2
Newbridge	E. Garden City		138	345	4.00	1	2000 mm^2 CU	1204	1204	A	4
Newbridge	Ruland		138	345	9.10	1	2000 mm^2 CU	1193	1193	A	3

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor

Table VI-1c (cont'd)
Existing Transmission Facilities – Long Island Power Authority

From	To	Note	Voltage Operating	Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Glenwood	Shore Road		138		0.36	1	2493 ACAR	2080	2440	E	
Glenwood	Shore Road		138		0.36	1	2493 ACAR	1242	1582	E	
Holtsville Gt.	Union Ave		138		0.17	1	1250 CU	758	758	A	
Caithness	Sills Road		138		0.34	1	1192 AL	1399	1709	E	
			138		0.04	1	1200 mm2 CU	1094	1251	A	
Caithness	Sills Road		138		0.34	1	1192 AL	1399	1709	E	
			138		0.04	1	1200 mm2 CU	1244	1422	A	
Shoreham	East Shore	(3), (4)	150	DC	24.00	1	2-1300 CU	2350	2350	A	1
Duffy Ave Convertor Station	PJM	(2), (4)	500	DC	66.00	1	2100 mm2	1345	-	A	1
Shoreham	Converter Station		138		0.11	1	2493 ACAR	2087	2565	E	

Long Island Power Authority Notes

(1) *Second cable energized in 1983 operated in parallel with existing 3500AL between Bethpage and Ruland Road that was energized in 1980*

(2) *Cables owned by NRTS-Neptune Regional Transmission System*

(3) *Cables owned by Cross-Sound Cable Company, LLC*

(4) *Includes portion of merchant-owned facilities located outside New York State*

(c) *Data change since the publication of the 2013 Load and Capacity Data report*

COLUMN HEADING FOOTNOTE:

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Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
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Table VI-1d: Existing Transmission Facilities – New York Power Authority

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Massena	Intnl Boundary		765		21.04	1	4-1351.5 ACSR	3000	3000	D	1
Massena	Marcy		765		133.85	1	4-1351.5 ACSR	3000	3000	D	1
Sprain Brook	East Garden City		345		26.60	1	2500 CU	1184	1289	A	1
						1	3950 CU				
Astoria Annex	East 13th St	*(c)*	345		7.00	2	2500 CU	900	1000	A	2
Blenheim-Gilboa	Fraser		345		33.62	1	2-954 ACSR	2389	2924	D	1
						1	3410 ACAR				
						1	2-1033.5 ACSR				
Marcy	Coopers Corners	*(c)*	345		136.30	1	2-1431 ACSR	2250	2250	E/D	2
Edic	Fraser		345		76.30	1	2-1431 ACSR	3072	3768	E	2
Blenheim-Gilboa	Leeds		345	765	36.90	1	2-1351.5 ACSR	2389	2949	D	1
						1	3410 ACAR				
Blenheim-Gilboa	New Scotland		345		31.82	1	2-954 ACSR	2389	2924	D	1
						1	3410 ACAR				
Coopers Corners	Rock Tavern		345		46.10	1	2-1431 ACSR	3072	3768	E	2
Coopers Corners	Middletown Tap		345		32.30	1	2-1431 ACSR	3072	3768	E	2
Middletown Tap	Rock Tavern		345		13.80	1	2-1431 ACSR	3072	3768	E	2
Edic	Marcy		345		1.53	1	3-1351.5 ACSR	2806	3210	D	1
Fitzpatrick	Edic		345		68.30	1	2-1113 ACSR	2400	2400	D	1
Fitzpatrick	Scriba		345		0.93	1	2-1113 ACSR	2400	2400	D	1
Niagara	Intnl Boundary		345		0.84	2	2-2500 CU	1791	1975	A	2
		(c)	345		0.16	2	2-932.7 ACSR			E	
Niagara	Rochester		345		70.20	1	2-795 ACSR	2178	2662	D	2
Niagara	Dysinger Tap		345		26.20	1	2-795 ACSR	2178	2662	D	2
Dysinger Tap	Rochester		345		44.00	1	2-795 ACSR	2178	2662	D	2
Rochester	Pannell		345		17.00	2	2-795 ACSR	2178	2662	D	2
Roseton	East Fishkill		345		7.40	1	2-2156 ACSR	3992	4400	D	1
			345		0.90	1	2500 CU			A	
Pannell	Clay		345		61.60	2	2-795 ACSR	2178	2662	D	2
Clay	Edic		345		50.10	2	2-795 ACSR	2178	2662	D	2
Niagara	Intnl Boundary	*(1)*	230		3.90	1	1158.4 ACSR	1212	1284	E	See Note
Moses-St.Lawrence	Intnl Boundary		230		2.14	2	795 ACSR	952	1163	E	4
						2	636 ACSR				
Moses-St.Lawrence	Adirondack		230		8.19	2	795 ACSR			E	10
			230		77.27	2	500 CU	873	1121	B	2
			230		0.43	2	795 ACSR			D	2
Moses-St.Lawrence	Willis		230		37.11	2	795 ACSR	876	1121	B	2
Willis	Ryan		230		6.460	1	795 ACSR	996	1200	B	2
Ryan	Plattsburgh		230		27.24	1	795 ACSR	624	722	B	2
Willis	Patnode	*(c)*	230		8.75	1	795 ACSR	996	1200	B	2
Patnode	Duley	*(c)*	230		16.44	1	795 ACSR	996	1200	B	2
Duley	Plattsburgh	*(c)*	230		8.67	1	795 ACSR	624	722	B	3
Massena	Moses-St.Lawrence		230		8.17	2	2-1351.5 ACSR	2349	2702	E	2
Reynolds Tap	General Motors		115		0.97	2	795 ACSR	201	231	C	2
Moses-St.Lawrence	Reynolds		115		4.34	3	795 ACSR	728	728	B	3
Moses-St.Lawrence	Alcoa	*(2)*	115		7.09	1	954 ACSR	1093	1284	C	1
Moses-St.Lawrence	Alcoa	*(2)*	115		7.09	2	954 ACSR	1093	1400	C	1

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Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit; C - Wood Structure Double Circuit; D - Steel Structure Single Circuit; E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported; ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor*

Table VI-1d (cont'd)
Existing Transmission Facilities – New York Power Authority

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Plattsburgh	Vermont State Line		115	7.46	1	954 ACSR	1147	1316	B	1
			115		1	804.5 ACSR				
		(3)	115	1.63	1	500 CU			A	
		(3)			1	1000 CU				
Plattsburgh	Saranac		115	8.37	1	4/0 EK CW/CU	484	643	B	1
					1	477 ACSR				

New York Power Authority Notes

(1) *Right of way shared with second double circuit consisting of a 69kV-25hz NGRID Line and a strung de-energized line*

(2) *Circuits owned by Alcoa*

(3) *Circuits half owned by NYPA and half owned by VELCO*

(c) *Data change since the publication of the 2013 Load and Capacity Data report.*

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Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit; C - Wood Structure Double Circuit; D - Steel Structure Single Circuit; E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Thermal Ratings : *Normal ratings given in amperes.*

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported; ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor EK CW/CU - Copper Weld / Copper Conductor*

Table VI-1e: Existing Transmission Facilities – New York State Electric and Gas Corporation

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Oakdale	Fraser		345	56.90	1	2-1033.5 ACSR	2100	2309	B	1
Fraser	Coopers Corners		345	46.64	1	2156 ACSR	2020	2480	B	1
Watercure Road	Oakdale		345	42.50	1	2156 ACSR	1549	1800	B	2
Homer City	Watercure Road	***(3)***	345	177.00	1	2156 ACSR	1549	1552	B	1
Homer City	Stolle Rd	***(2), (3)***	345	166.64	1	2-1033.5 ACSR	1013	1200	B	1
Oakdale	Clarks Corners		345	21.15	1	2-1280.5 ACAR	2020	2140	E	1
Clarks Corners	Lafayette	***(2)***	345	4.06	1	2-1280.5 ACAR	2020	2140	E	1
Somerset	Dysinger		345	17.60	2	2-1192 ACSR	2760	3000	B	1
Watercure	Oakdale		230	42.50	1	1192.5 ACSR	1190	1200	B	2
Hillside	State Line (East Towanda)		230	11.85	1	1033.5 ACSR	1212	1284	B	2
Hillside	Watercure Road		230	1.27	1	1192.5 ACSR	1265	1543	E	3
Meyer	Canandaigua		230	11.03	1	1033.5 ACSR	1212	1284	B	1
Canandaigua	Avoca		230	5.43	1	1033.5 ACSR	1212	1284	B	1
Avoca	Stony Ridge		230	20.20	1	1033.5 ACSR	1212	1284	B	1
Stony Ridge	Hillside		230	26.70	1	1033.5 ACSR	1212	1284	B	1
Stolle Road	High Sheldon		230	12.00	1	795 ACSR	1080	1284	B	1
High Sheldon	Wethersfield		230	10.00	1	795 ACSR	1080	1284	B	1
Wethersfield	Meyer		230	31.40	1	795 ACSR	1080	1284	B	1
Gardenville	Stolle Road		230	12.44	1	1192.5 ACSR	1190	1200	E	2
Robinson Road	Lewiston		230	17.96	1	1192.5 ACSR	1380	1690	B	1
Robinson Road	Stolle Road		230	30.52	1	1192.5 ACSR	1380	1690	B	1
Katonah	Croton Falls		115	6.87	1	795 ACSR	1080	1310	B	1
Croton Falls	Carmel		115	7.65	1	1033.5 ACSR	1080	1310	C	2
Carmel	Wood St		115	1.34	1	795 ACSR	1080	1310	C	2
Coddington	Montour Falls		115	20.79	1	336.4 ACSR	265	535	B	1
Coddington	Etna		115	8.07	1	1033.5 ACSR	1140	1337	B	1
Ridge Tap	Montour Falls		115	9.45	1	336.4 ACSR	540	670	E	2
Ridge Road	Montour Falls		115	9.45	1	336.4 ACSR	640	740	E	2
Ridge Tap	Hillside		115	6.71	1	336.4 ACSR	540	670	E	3
Wright Avenue	State Street		115	3.47	1	795 ACSR	930	1160	E	1
Milliken	Etna		115	16.87	1	795 ACSR	930	1160	B	2
Milliken	Wright Avenue		115	27.61	1	795 ACSR	930	1160	B	1
Greenidge	Montour Falls		115	26.61	1	795 ACSR	624	792	B	2
Greenidge	Montour Falls		115	26.61	1	336.4 ACSR	540	670	B	2
Montour Falls	Bath		115	22.00	1	602.5 ACSRTW	540	670	B	1
Hickling	Ridge Tap		115	10.69	1	4/0 EK CWDCU	455	550	B	1
Ridge Road	Hillside		115	6.71	1	336.4 ACSR	540	670	E	3
North Waverly	Lounsberry	***(1)***	115	10.90	1	4/0 ACSR	755	940	E	1
North Waverly	Hillside	***(1)***	115	16.35	1	4/0 ACSR	755	928	E	2
Goudey	South Owego		115	18.10	1	336.4 ACSR	560	720	E	2
Stolle Rd.	Roll Rd.		115	20.27	1	1033.5 AAL	624	732	B	1
Cold Springs Rd.	Carrs Corners		115	4.92	1	336.4 ACSR	540	670	B	1
Lockport	Hinman Road		115	0.11	1	795 ACSR	960	1230	B	1
Sylvan Lake	Pawling		115	8.50	1	1033.5 ACSR	882	1035	B	1

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Principal Structure / Design Type:
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Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported; ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor EK CW/CU - Copperweld/Copper Conductors; ACSR/TW - ACSR Trapezoidal Wedges*

Table VI-1e (cont'd)
Existing Transmission Facilities – New York State Electric and Gas Corporation

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Grand Gorge	Shandaken		115	20.77	1	477 ACSR	600	846	B	1
Hyatt Rd.	Hyatt Tap		115	1.12	1	477 ACSR	700	900	B	1
Colliers	Richfield Springs		115	29.39	1	1033.5 AAL	450	450	C	2
Amawalk	Mohansic		115	2.25	1	750	392	442	A	2
Shandaken	Belleayre		115	7.42	1	477 ACSR	630	750	B	1
Amawalk	Mohansic		115	2.25	1	1250	624	732	A	2
Coddington	E.Ithaca		115	5.37	1	336 ACSR	560	720	B	2
Etna	E.Ithaca		115	5.37	1	336 ACSR	560	720	B	2
Milliken	Etna		115	16.87	1	1033.5 ACSR	930	1160	B	2
Lounsberry	South Oswego		115	7.29	1	336.4 ACSR	560	720	E	1
Belleayre	Arkville		115	7.52	1	477 ACSR	630	750	B	1
Arkville	Andes		115	7.46	1	477 ACSR	630	750	B	1
Andes	Delhi		115	11.49	1	477 ACSR	540	600	B	1
Klinekill	Craryville		115	14.00	1	1033.5 ACSR	770	925	B	1
Craryville	Churchtown		115	8.48	1	1033.5 ACSR	566	691	B	1
Mulberry St.	Tap Point		115	4.18	2	795 ACSR	400	400	B	1
South Owego	Candor		115	14.34	1	1033.5 AAL	300	300	B	1
Oakdale	North Endicott		115	7.57	1	1033.5 ACSR	808	856	B	1
North Endicott	Castle Gardens		115	4.41	1	1033.5 ACSR	750	750	B	1
Castle Gardens	Fuller Hollow		115	7.00	1	1033.5 ACSR	1250	1530	B	1
Morgan Road	Fuller Hollow		115	4.82	1	1033.5 ACSR	1200	1200	C	2
Morgan Road	Langdon		115	4.55	1	1033.5 ACSR	1019	1196	B	1
Northside	Oakdale		115	4.13	1	1033.5 ACSR	930	1160	B	1
Windham	Tap Point		115	10.50	1	477 ACSR	630	750	B	1
Brothertowne Rd.	East Norwich		115	30.78	1	1033.5 ACSR	540	600	B	1
Oakdale	Delhi		115	60.10	1	1033.5 ACSR	808	856	B	2
Depew	Erie Street		115	2.50	1	477 ACSR	540	600	E	4
Gardenville	Stolle Road		115	12.44	1	795 ACSR	1019	1196	E	2
Stolle Road	Pavement Road		115	2.53	1	1033.5 ACSR	648	834	B	3
Pavement Road	Erie		115	8.19	1	1033.5 ACSR	648	834	B	3
Stolle Road	Davis Road		115	14.44	1	1033.5 ACSR	1019	1196	B	1
Meyer	South Perry		115	19.60	1	4/0 ACSR	440	530	E	3
Goudey	Oakdale		115	1.51	1	477 ACSR	1250	1530	E	2
					1	336.4 ACSR				
Richfield Springs	Inghams	*(2)*	115	12.08	1	4/0 CU	400	570	B	1
Oakdale	Kattelville		115	8.95	1	477 ACSR	700	900	B	1
Kattelville	Jennison		115	21.00	1	477 ACSR	550	800	B	1
Jennison	East Norwich		115	20.06	1	4/0 EK CWDCU	400	585	B	1
Lapeer	Etna		115	14.82	1	336.4 ACSR	540	670	B	1
Jennison	Delhi		115	29.73	1	4/0 EK CWDCU	400	585	B	1
Delhi	Colliers		115	17.37	1	1033.5 AAL	1140	1200	B	1
Goudey	State Line(Tiff.)		115	8.24	1	336.4 ACSR	540	670	B	1
Bath	Bennett		115	20.41	1	602.5 ACSRTW	624	732	B	1
Jennison	Hancock		115	27.22	1	477 ACSR	510	598	B	1

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EK CW/CU - Copper Weld / Copper Conductor; ACSR/TW - ACSR Trapeziodal Wedges

Table VI-1e (cont'd)
Existing Transmission Facilities – New York State Electric and Gas Corporation

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Hancock	Ferndale		115	42.40	1	336.4 ACSR	510	598	B	1
North Waverly	State Line (East Sayre)		115	2.92	1	336.4 ACSR	540	670	B	1
Coopers Corners	West Woodbourne		115	22.98	1	477 ACSR	540	600	B	1
Hickling	Caton Avenue		115	16.71	1	477 ACSR	510	598	B	1
Ferndale	West Woodbourne		115	7.18	1	336.4 ACSR	450	450	B	1
Caton Avenue	Hillside		115	4.94	1	477 ACSR	510	598	B	1
Etna	Lapeer Area		115	14.95	1	1033.5 ACSR	770	925	B	1
Willet	East Norwich		115	21.80	1	336.4 ACSR	540	670	B	1
Lapeer Area	Willet		115	10.30	1	336.4 ACSR	630	750	B	1
Sciota Flatrock	Kents Falls		115	13.83	1	477 ACSR	600	600	B	2
Stony Ridge	Sullivan Park		115	6.20	1	1033.5 ACSR	1255	1531	B	1
Sullivan Park	West Erie		115	3.20	1	1033.5 ACSR	1255	1531	B	1
Hickling	W. Erie Ave.		115	8.62	1	1033.5 ACSR	600	600	B	1
Greenidge	Haley Road		115	11.24	1	1033.5 ACSR	883	900	B	1
Haley Road	Guardian		115	7.68	1	1033.5 ACSR	883	1036	B	1
Guardian	Border City		115	0.99	1	1033.5 ACSR	883	1036	B	1
Eelpot Rd.	Meyer		115	15.10	1	336.4 ACSR	560	720	B	1
Erie St	N. Broadway		115	3.79	1	447 ACSR	624	732	D	2
Coopers Corners	Ferndale		115	10.45	1	1033.5ASCR	883	900	B	2
Clinton Corn Tap	Clinton Corn		115	4.05	1	477 ACSR	780	950	B	1
Battenkill	Salem		115	17.67	1	477 ACSR	200	228	B	1
Delhi	Axtel Road		115	19.57	1	477 ACSR	450	450	B	1
Axtel Road	Grand Gorge		115	7.90	1	477 ACSR	780	950	B	1
Gardenville	Big Tree		115	7.55	1	1033.5 AAL	883	1036	C	2
Davis Road	Big Tree		115	11.84	1	477 ACSR	540	670	C	2
Moraine	Bennett		115	11.83	1	1033 ACSR	624	732	B	1
Nicholville	Malone		115	20.06	1	477 ACSR	630	750	B	1
Malone	Willis		115	11.07	1	477 ACSR	600	600	B	1
Lyon Mt.	Kents Falls		115	19.08	1	477 ACSR	630	750	B	1
Eelpot Rd.	Flat St.		115	23.20	1	336.4 ACSR	560	720	B	1
Flat St	Greenidge		115	5.32	1	336.4 ACSR	540	720	B	1
Hallock Hill	Kents Falls		115	14.60	1	477 ACSR	270	270	B	1
Bennett	Palmiter Road		115	7.31	1	336.4 ACSR	560	720	B	1
Palmiter Road	Andover	***(2)***	115	5.76	1	336.4 ACSR	396	481	B	1
Meyer	Moraine Road		115	7.61	1	1033.5 ACSR	630	750	B	1
Robble Ave.	North Endicott		115	1.17	1	1033.5 ACSR	1248	1274	B	1
Macedon	Station #121		115	2.63	1	1033.5 AAL	301	343	B	1
Langdon	Northside		115	10.03	1	1033.5 AAL	883	1036	B	1
Coopers Corners	Short Cut Road		115	14.02	1	1033.5 AAL	301	343	B	1
Wood St.	Amawalk		115	5.74	1	795 ACSR	1080	1310	C	2
Amawalk	Katonah		115	5.76	1	795 ACSR	392	442	C	2
Gardenville	New Gardenville		115	0.32	1	2156 ACSR 84/19	1250	1505	B	1
Cobble Hill	N.M. 151,152		115	0.71	2	1033.5 AAL	630	750	C	2
Robinson Road	Harrison		115	3.49	1	795 ACSR	1080	1310	B	1
Hinman Road	Harrison		115	2.31	1	1033.5 ACSR	1195	1490	C	2
North Broadway	Urban(N.M. Packard)		115	2.95	1	477 ACSR	700	900	B	1

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor
EK CW/CU - Copperweld/Copper Conductors; ACSR/TW - ACSR Trapezoidal Wedges

Table VI-1e (cont'd)
Existing Transmission Facilities – New York State Electric and Gas Corporation

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
State Street	Auburn Steel		115	0.24	1	477 ACSR	600	600	B	1
Lapeer	Cortland	*(2)*	115	2.67	1	1280 ACAR	600	732	B	1
Texas Eastern	Texas Tap		115	0.55	1	336.4 ACSR	560	720	B	1
Hamilton Road	N.M. 1E,1W		115	0.17	2	477 ACSR	780	950	C	2
Sylvan Lake	Fishkill		115	0.80	1	1033.5 ACSR	1110	1400	B	1
Pawling	Croton Falls		115	24.61	1	1033.5 ACSR	883	900	B	1
Republic	Barton Brook		115	13.60	1	477 ACSR	441	517	B	1
			115	0.40	1	500 AL UG	427	479	A	1
Willis	Willis Tap		115	0.04	1	477 ACSR	560	720	B	2
Willis Tap	Lyon Mt.		115	20.50	1	477 ACSR	630	750	B	1
Plattsburgh	Northend		115	3.55	1	1272 ACSR	1440	1760	B	1
Plattsburgh	Ashley Rd		115	4.16	1	795 ACSR	1110	1350	B	1
Ashley Rd	Northend		115	5.00	1	1272 ACSR	1440	1760	C	2
Ashley Rd	Mason Corners		115	16.80	1	477 ACSR	780	950	B	1
Willis Tap	Chateaugay		115	2.71	1	336.4 ACSR	680	870	B	1
Sleight Road	Clyde Rge	*(2)*	115	0.29	1	477 ACSR	755	900	B	2
Sleight Road	Quaker Rge	*(2)*	115	0.29	1	477 ACSR	755	940	B	2
State St.	Elbridge	*(2)*	115	4.08	1	336.4 ACSR	540	670	B	2
State St.	Clyde Rge		115	4.11	1	336.4 ACSR	540	670	B	2
Border City	Junius Tap		115	4.27	2	477 ACSR	755	940	E	2
Goudey	Robble Ave.		115	4.26	1	1280 ACAR 42/19	1195	1464	B	1
Sidney Tap	Sidney R.R.		115	2.71	1	477 ACSR	700	900	D	1
Sciota Flatrock	Masons Corners		115	13.80	1	477 ACSR	780	950	B	1
Northside	Anitec		115	2.61	1	750 AL UG	490	540	A	
Etna	Clarks Corners		115	14.95	1	1277 KCM ACAR	1410	1725	B	1
Etna	Clarks Corners		115	14.95	1	1277 KCM ACAR	1410	1725	E	2

NYSEG Notes

(1) *2 4/0 ACSR conductors paralleled*

(2) *NYSEG part only*

(3) *Includes NYSEG-owned facilities located outside New York State*

(c) *Data change since the publication of the 2013 Load and Capacity Data report*

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor
EK CW/CU - Copperweld/Copper Conductors; ACSR/TW - ACSR Trapezoidal Wedges

Table VI-1f: Existing Transmission Facilities – National Grid - Western

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Homer City	Stolle Road	*(1),(2)*	345	37.47	1	2-1192.5 ACSR	2296	2986	B	3,1
Beck	Packard	*(2)*	230	4.12	1	1158.4 ACSR	1398	1708	E	4
					1	1192.5 ACSR				
Dunkirk	So. Ripley	*(c)*	230	31.34	1	1192.5 ACSR	1116	1284	B	1
Elm St.	Gardenville		230	6.16	1	750 CU	560	560	A	2
					1	1500 CU				
Elm St.	Gardenville		230	6.13	1	750 CU	560	560	A	2
					1	500 CU				
Gardenville	Dunkirk		230	47.40	1	1192.5 ACSR	1398	1600	B	2
Gardenville	Dunkirk		230	47.07	1	1192.5 ACSR	1269	1589	B	2
Huntley	Elm		230	7.90	1	2500 AL	1085	1085	A	1
Huntley	Gardenville	*(c)*	230	20.08	1	1192.5 ACSR	1421	1737	E	8
Huntley	Gardenville		230	20.13	1	1192.5 ACSR	1421	1737	E	8
Niagara	Packard		230	3.39	1	1431 ACSR	1573	1926	E	12
Niagara	Packard		230	3.44	1	1431 ACSR	1573	1926	E	12
Packard	Huntley		230	12.17	1	1192.5 ACSR	1398	1709	E	4
					1	1158.4 ACSR				
Packard	Huntley		230	12.03	1	1192.5 ACSR	1398	1709	E	4
					1	1158.4 ACSR				
So. Ripley	Erie,East	*(1)*	230	0.15	1	1192.5 ACSR	1260	1500	B	1
Batavia	S.E. Batavia		115	3.06	1	795 ACSR	1105	1200	B	1
Mountain	Lockport	*(1)*	115	17.57	1	400 CU	847	1000	E	2
					1	636 AL				
					1	636 ACSR				
					1	795 ACSR				
					1	795 AL				
Dunkirk	Falconer		115	53.67	1	795 ACSR	884	1118	B	1,2
					1	1192.5 ACSR				
Dunkirk	Falconer		115	34.02	1	4/0 ACSR	444	538	E	2
					1	795 ACSR				
					1	636 AL				
Dunkirk	Falconer		115	34.07	1	4/0 ACSR	444	538	E	2
					1	795 ACSR				
					1	636 AL				
Dupont	Packard		115	4.45	1	795 ACSR	973	1234	E	2
					1	795 AL				
Dupont	Packard		115	4.45	1	795 AL	973	1234	E	2
					1	795 ACSR				
Dupont	Packard		115	3.43	1	795 ACSR	847	1072	E	2
					1	795 AL				
					1	636 AL				
					1	1431 AL				
Dupont	Packard		115	3.37	1	795 ACSR	847	1072	E	2
					1	795 AL				
					1	636 AL				
					1	1431 AL				

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit; C - Wood Structure Double Circuit; D - Steel Structure Single Circuit; E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Thermal Ratings : *Normal ratings given in amperes.*

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported; ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor*

Table VI-1f (cont'd)
Existing Transmission Facilities – National Grid Western

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Falconer	Homer Hill		115	42.67	1	336.4 ACSR	646	784	E	2
Falconer	Homer Hill		115	42.67	1	336.4 ACSR	646	784	E	2
Falconer	Warren	*(1)*	115	7.85	1	4/0 CU	584	708	B	1
					1	795 ACSR				
Gardenville	Bethlehem		115	7.13	1	1192.5 ACSR	1008	1234	E	2
Gardenville	Bethlehem		115	7.07	1	1192.5 ACSR	1008	1234	E	2
Gardenville	Buffalo River		115	9.72	1	4/0 ACSR	444	538	E	2
			115		1	336.4 ACSR				
					1	795 ACSR				
Gardenville	Buffalo River		115	9.64	1	4/0 ACSR	444	538	E	2
					1	795 ACSR				
Gardenville	Dunkirk		115	44.88	1	4/0 ACSR	444	538	E	2
			115		1	250 CU				
			115		1	336.4 ACSR				
			115		1	636 AL				
			115		1	795 ACSR				
Gardenville	Dunkirk		115	44.86	1	4/0 ACSR	444	538	E	2
			115		1	250 CU				
			115		1	336.4 ACSR				
			115		1	636 AL				
			115		1	795 ACSR				
Gardenville	Erie St.	*(1)*	115	6.93	1	636 ACSR	648	846	E	8
			115		1	400 CU				
			115		1	795 ACSR				
Gardenville	Arcade		115	34.93	1	336.4 ACSR	649	788	B	2
			115		1	795 ACSR				
			115		1	636 ACSR				
Arcade	Homer HIll		115	32.76	1	336.4 ACSR	584	708	B	2
			115		1	795 ACSR				
						4/0 CU				
Gardenville	Homer Hill		115	65.69	1	336.4 ACSR	584	708	E	2
			115		1	795 ACSR				
						636 ACSR				
						4/0 CU				
Gardenville	Seneca		115	2.71	1	400 CU	797	972	E	2
Gardenville	Seneca		115	2.62	1	400 CU	797	972	E	2
Golah	North Lakeville		115	13.88	1	795 ACSR	884	1118	B	1
Homer Hill	Bennett		115	46.68	1	4/0 ACSR	400	488	B	2
			115		1	336.4 ACSR				
			115		1	795 ACSR				
			115		1	2-1192.5 ACSR				
Homer Hill	Dugan Road		115	6.74	1	336.4 ACSR	584	708	B	2
			115		1	4/0 CU				
Homer Hill	West Olean		115	0.56	1	336.4 ACSR	532	646	B	1
			115		1	4/0 CU				

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor

Table VI-1f (cont'd)
Existing Transmission Facilities – National Grid Western

From	To	Note	Voltage Operating	Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Huntley	Buffalo Sewer		115		5.18	1	795 ACSR	939	1144	E	2
			115			1	500 CU				
			115			1	636 ACSR				
Huntley	Buffalo Sewer		115		5.27	1	795 ACSR	1005	1222	E	2
			115			1	500 CU				
Huntley	Gardenville		115		23.51	1	300 CU	648	846	E	8
			115			1	400 CU				
			115			1	500 CU				
			115			1	636 AL				
			115			1	636 ACSR				
			115			1	795 ACSR				
Huntley	Gardenville		115		23.52	1	300 CU	648	846	E	8
			115			1	400 CU				
			115			1	500 CU				
			115			1	636 AL				
			115			1	636 ACSR				
			115			1	795 ACSR				
Huntley	Lockport		115		20.87	1	300 CU	731	887	E	4
			115			1	400 CU				
			115			1	636 AL				
			115			1	795 ACSR				
							636 ACSR				
Huntley	Lockport		115		20.80	1	300 CU	731	887	E	4
			115			1	400 CU				
			115			1	556.5 AL				
			115			1	556.5 ACSR				
			115			1	636 AL				
			115			1	636 ACSR				
			115			1	795 ACSR				
Kensington	Gardenville		115		5.94	1	636 AL	847	1072	E	2
			115			1	636 ACSR				
Kensington	Gardenville		115		5.93	1	636 AL	847	1072	E	2
			115			1	636 ACSR				
Lockport	Batavia		115		35.83	1	795 ACSR	800	800	B	2
Lockport	Batavia		115		35.84	1	250 CU	629	764	B	2
			115			1	795 ACSR				
							336.4 ACSR				
Lockport	Batavia		115		33.76	1	250 CU	646	784	B	1
			115			1	336.4 ACSR				
			115			1	428 AL				
			115			1	636 AL				
			115			1	795 ACSR				
Lockport	Hinman		115		0.09	1	1250 CU	1105	1347	B	

COLUMN HEADING FOOTNOTE:

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Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor

Table VI-1f (cont'd)
Existing Transmission Facilities – National Grid Western

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Lockport	Mortimer		115	55.79	1	250 CU	648	650	D	3
			115		1	428 AL				
			115		1	636 AL				
			115		1	795 ACSR				
			115	0.38	1	1250 CU			A	
Lockport	Mortimer		115	55.34	1	397.5 ACSR	650	650	E	3
			115		1	795 ACSR				
			115	0.38	1	1250 CU			A	
Lockport	Mortimer		115	55.53	1	795 ACSR	648	650	E	3
			115		1	397.5 ACSR				
			115	0.38	1	1250 CU			A	
Mortimer	Golah		115	9.58	1	250 CU	657	797	B	1
			115		1	397.5 ACSR				
			115		1	795 ACSR				
Mortimer	Pannell	***(1)***	115	15.71	1	336.4 ACSR	649	788	E	5
			115		1	795 ACSR				
Mortimer	Pannell	***(1)***	115	15.72	1	336.4 ACSR	629	764	E	5
			115		1	795 ACSR				
Mortimer	Quaker	***(1)***	115	17.26	1	300 CU	731	887	F	5
			115		1	556.5 AL				
						795 AL				
			115		1	795 ACSR				
Mountain	Lockport		115	17.53	1	400 CU	847	1000	E	4
			115		1	636 AL				
			115		1	636 ACSR				
			115		1	795 AL				
			115		1	795 ACSR				
Mountain	Niagara	***(1)***	115	1.02	1	1431 AL	884	1128	E	5
Mountain	Niagara	***(1)***	115	1.16	1	795 AL	884	1128	E	5
			115		1	1431 AL				
Mountain	Niagara	***(1)***	115	1.08	1	795 AL	884	1128	E	5
			115		1	1431 AL				
Niagara	Gardenville	***(1)***	115	31.56	1	350 CU	806	978	E	1
			115		1	636 AL				
			115		1	400 CU				
			115		1	500 CU				
					1	636 ACSR				
			115		1	795 ACSR				
			115		1	2-400 CU				
			115		1	2-500 CU				
			115		1	2-795 AL				
			115		1	1431 AL				
Niagara	Gibson	***(1)(c)***	115	1.61	1	1431 AL	1260	1500	E	12
Niagara	Gibson	***(1)(c)***	115	1.60	1	1431 AL	1260	1500	E	12

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor

Table VI-1f (cont'd)
Existing Transmission Facilities – National Grid Western

From	To	Note	Voltage Operating	Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Niagara	Lockport	*(1)*	115		18.34	1	1431 AL	1172	1434	E	12
			115			1	2-636 AL				
Niagara	Lockport	*(1)*	115		18.25	1	1431 AL	1172	1434	E	12
			115			1	2-636 AL				
Niagara	Packard	*(1)*	115		3.62	1	1431 AL	1383	1761	E	12
						1	1431 AL				
Niagara	Packard	*(1)*	115		3.37	1	1431 AL	1383	1761	E	12
Niagara	Packard	*(1)*	115		3.67	1	1431 AL	1383	1761	E	12
Niagara	Packard	*(1)*	115		3.67	1	1431 AL	1383	1761	E	12
Niagara	Packard	*(1)(c)*	115		3.43	1	1431 AL	1383	1761	E	12
Packard	Gardenville		115		28.32	1	400 CU	648	846	E	4
			115			1	500 CU				
			115			1	636 AL				
			115			1	636 ACSR				
			115			1	795 ACSR				
Packard	Huntley		115		19.62	1	636 ACSS	847	1063	E	4
			115			1	636 AL				
Packard	Urban(Erie St)	*(1)*	115		22.09	1	400 CU	806	978	E	4
			115			1	350 CU				
			115			1	500 CU				
			115			1	636 AL				
			115			1	636 ACSR				
			115			1	795 ACSR				
Packard	Walck Rd.		115		10.07	1	636 ACSS	1200	1200	E	4
						1	596 ACCR				
						1	611 ACCC				
Packard	Union Carbide		115		1.53	1	795 ACSR	973	1222	E	2
						1	795 AL				
						1	500 CU				
Packard	Union Carbide		115		1.53	1	795 ACSR	973	1222	E	2
						1	795 AL				
						1	500 CU				
Pannell	Geneva	*(1)*	115		25.11	1	2-336.4 ACSR	785	955	E	4
			115			1	795 ACSR				
						1	477 ACSR				
Quaker	Sleight Road	*(1)*	115		13.85	1	556.5 AL	776	982	B	1
			115			1	795 ACSR				
S.E. Batavia	Golah		115		27.74	1	397.5 ACSR	648	846	G	1
			115			1	795 ACSR				
Walck Rd.	Huntley		115		9.78	1	636 AL	847	1063	E	4
			115			1	636 ACSS				

National Grid (Western) Notes

(1) *Denotes NGRID mileage to franchise line only*

(2) *From NYSEG tower D-2 to NYSEG tower C-47*

(c) *Data change since the publication of the 2013 Load and Capacity Data report*

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor

Table VI-1g: Existing Transmission Facilities – National Grid - Central

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Clay	Dewitt		345		15.06	1	2167 ACSR	1856	2395	E	2
Dewitt	Lafayette	*(c)*	345		8.32	1	2-1192.5 ACSR	1948	2750	E	2
Independence	Clay		345		29.14	1	2-1192.5 ASCR	2796	3210	B	2,3,4
Independence	Scriba		345		2.78	1	2-1192.5 ASCR	2796	3210	E	1,2
Lafayette	Clarks Corners	*(1)*	345		38.62	1	2-1192.5 ACSR	2476	3116	B	2
Nine Mile Pt #1	Clay		345		27.56	1	2167 ACSR	1856	2395	B	2
Nine Mile Pt #1	Scriba		345		0.48	1	2167 ACSR	2009	2468	D	2
Oswego	Lafayette		345		48.47	1	2-1192.5 ACSR	1574	1574	B	1
			345		0.39	1	2-2500 CU			A	1
Oswego	Volney		345		13.39	1	2-1192.5 ACSR	2009	2140	B	2
Oswego	Volney		345		13.40	1	2-1192.5 ACSR	2009	2140	B	2
Scriba	Volney		345		8.82	1	2167 ACSR	2009	2468	B	2
Scriba	Volney		345		8.87	1	2-1192.5 ACSR	2796	3200	B	2
Volney	Clay		345		18.48	1	2167 ACSR	1856	2395	B	2
Volney	Marcy	*(1)*	345	765	64.32	1	4-1351.5 ACSR	2796	3210	D	1,2
			345		1.37	1	2-1192.5 ACSR			D	
			345		0.23	1	2-1431 ACSR			D	
Adirondack	Chases Lake		230		11.05	1	795 ACSR	1105	1347	B	2
Adirondack	Porter		230		54.41	1	795 ACSR	1105	1284	B	2
						1	1431 ACSR				
Chases Lake	Porter		230		43.46	1	795 ACSR	1105	1284	B	2
						1	1431 ACSR				
Edic	Porter		230		0.42	1	2-795 ACSR	1203	1384	D	
						1	2167 ACSR				
Alcoa (NMPC)	Dennison		115		2.99	1	556.5 ACSR	884	1081	E	1
						1	795 ACSR				
						1	636 ACSR				
Alcoa (NMPC)	M.E.F.		115		1.70	1	795 ACSR	884	1128	B	1
Alcoa (NMPC)	North Ogdensburg		115		35.02	1	336.4 ACSR	646	784	B	1
						1	636 ACSR				
						1	795 ACSR				
Ash	Teall		115		3.45	2	1250 CU	605	620	A	2
Ash	Temple		115		1.52	1	1500 CU	1040	1040	A	1
Auburn(State St.)	Elbridge	*(1)*	115		10.26	1	336.4 ACSR	649	788	E	4
						1	795 ACSR				
Battle Hill	Balmat		115		5.95	1	336.4 ACSR	569	717	E	1
Black River	Lighthouse Hill		115		35.51	1	4/0 CU	584	708	E	2
Black River	North Carthage		115		11.88	1	4/0 CU	584	708	E	2
Black River	Taylorville		115		26.06	1	4/0 CU	516	646	B	2
						1	336.4 ACSR				
Boonville	Porter		115		26.83	1	4/0 CU	507	642	E	2
Boonville	Porter		115		26.81	1	4/0 CU	483	625	E	2
						1	336.4 ACSR				

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit; C - Wood Structure Double Circuit; D - Steel Structure Single Circuit; E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported; ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor*

Table VI-1g (cont'd)
Existing Transmission Facilities – National Grid Central

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Boonville	Rome		115		24.06	1	4/0 CU	532	646	E	2
Boonville	Rome		115		26.21	1	4/0 CU	532	646	E	2
Browns Falls	Newton Falls Paper	*(c)*	115		3.87	1	336.4 ACSR	516	654	B	1
Browns Falls	Taylorville	*(c)*	115		26.77	1	4/0 CU	375	552	E	2
Browns Falls	Taylorville		115		26.79	1	4/0 CU	532	646	E	2
Carr St.	Dewitt		115		3.06	1	636 ACSR	939	1144	B	1
						1	795 ACSR				
Cedars	Dennison	*(1) (c)*	115		0.02	1	795 ACSR	1105	1347	E	2
Cedars	Dennison	*(1) (c)*	115		0.03	1	795 ACSR	973	1234	E	2
Clay	Dewitt		115		19.21	1	795 ACSR	584	708	B	2
						1	4/0 CU				
Clay	Dewitt		115	345	14.78	1	2167 ACSR	973	1234	E	2
			115		0.68	1	795 ACSR			B	
Clay	Lockheed Martin		115		6.52	1	4/0 CU	584	708	E	2
						1	477 ACSR				
						1	795 ACSR				
Clay	Teall		115		15.52	1	4/0 CU	584	708	B	2
						1	795 ACSR				
Clay	Teall		115		11.34	1	795 ACSR	1048	1200	B	2
Clay	Woodard	*(c)*	115		6.38	1	795 ACSR	968	1210	B	2
Coffeen	Black River		115		7.66	1	336.4 ACSR	600	600	B	1
Coffeen	Lighthouse Hill-Black River		115		45.15	1	795 ACSR	584	600	B	1
						1	4/0 CU				
Coffeen	West Adams		115		14.11	1	795 ACSR	400	400	B	1
Colton	Battle Hill		115		32.02	1	3/0 ACSR	385	467	E	2
						1	336.4 ACSR				
Colton	Browns Falls		115		30.48	1	336.4 ACSR	516	654	E	2
Colton	Browns Falls		115		30.63	1	336.4 ACSR	516	654	E	2
Colton	Malone	*(1)*	115		18.37	1	336.4 ACSR	646	784	B	1
						1	477 ACSR				
Colton	Townline		115		16.29	1	397.5 ACSR	600	600	B	1
Corning	Battle Hill		115		26.43	1	336.4 ACSR	385	467	E	2
Cortland	Clarks Corners	*(1)*	115		7.93	1	336.4 ACSR	646	784	B	2
						1	1192.5 ACSR				
Curtis St.	Teall		115		29.44	1	636 ACSR	939	1144	B	2
						1	795 ACSR				
Dennison	Colton		115		28.49	1	795 ACSR	916	1118	E	2
Dennison	Colton		115		28.49	1	795 ACSR	916	1118	E	2
Dewitt	Tilden		115		7.92	1	636 ACSR	916	1118	B	1
						1	795 ACSR				
						1	2-1192.5 ACSR				
Edic	Porter		115		0.46	1	2-1351 ACSR	2286	2634	B	2
Edic	Porter		115		0.40	1	2-1351 ACSR	2538	3028	B	2

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Thermal Ratings : *Normal ratings given in amperes.*

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor

Table VI-1g (cont'd)
Existing Transmission Facilities – National Grid Central

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Elbridge	Geres Lock		115	11.42	1	300 CU	731	887	E	4
					1	477 ACSR				
					1	795 ACSR				
Elbridge	Geres Lock		115	8.06	1	336.4 ACSR	649	788	E	4
					1	795 ACSR				
Elbridge	Geres Lock		115	8.07	1	336.4 ACSR	584	708	E	4
					1	795 ACSR				
Elbridge	Woodard		115	11.97	1	300 CU	785	955	E	4
					1	477 ACSR				
					1	795 ACSR				
Fenner	Cortland		115	34.45	1	336 ACSR	629	764	B	1
					1	795 ACSR				
					1	1192.5 ACSR				
Fitzpatrick	Lighthouse Hill		115	25.61	1	4/0 CU	584	708	E	2
					1	795 ACSR				
Fort Drum	Black River		115	7.47	1	795 ACSR	800	800	B	1
East Oswegatchie	North Gouverneur		115	1.55	1	795 ACSR	629	764	B	1
Geneva(Border City)	Elbridge	***(1)***	115	31.25	1	336.4 ACSR	649	788	E	4
					1	477 ACSR				
					1	795 ACSR				
Geres Lock	Kamine/Syracuse		115	0.68	1	795 ACSR	1105	1347	B	1
Geres Lock	Onondaga Co-Gen		115	0.80	1	795 ACSR	1105	1347	B	1
Geres Lock	Solvay		115	0.92	1	4/0 CU	584	708	E	3
					1	336.4 ACSR				
Geres Lock	Solvay		115	0.94	1	4/0 CU	584	708	E	3
					1	556.5 AL				
					1	336.4 ACSR				
Geres Lock	Tilden		115	10.90	1	336.4 ACSR	584	708	D	1
					1	397.5 ACSR				
					1	4/0 CU				
					1	636 ACSR				
					1	795 ACSR				
Hook Rd	Elbridge		115	51.04	1	300 CU	731	887	E	4
					1	477 ACSR				
					1	795 ACSR				
Indeck(Oswego)	Lighthouse Hill		115	28.52	1	4/0 CU	584	708	E	2
					1	336.4 ACSR				
Lake Colby	Lake Placid	***(1)***	115	10.45	1	336.4 ACSR	569	717	B	1
Levitt	Rome		115	20.44	1	336.4 ACSR	629	764	B	1
Lighthouse Hill	Clay		115	26.57	1	2-4/0 CU	546	708	E	2
					1	4/0 CU				
					1	795 ACSR				

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor

Table VI-1g (cont'd)
Existing Transmission Facilities – National Grid Central

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Lockheed Martin	Geres Lock		115		8.69	1	4/0 CU	584	708	E	3
						1	795 ACSR				
						1	336.4 ACSR				
						1	477 ACSR				
Malone	Lake Colby		115		43.70	1	795 ACSR	648	846	B	1
Mcintyre	Colton		115		31.38	1	3/0 ACSR	385	467	E	2
						1	336.4 ACSR				
						1	795 ACSR				
Mcintyre	Corning		115		11.22	1	336.4 ACSR	646	784	E	2
Mortimer	Hook Rd		115		21.16	1	300 CU	648	846	E	4
						1	795 ACSR				
Mortimer	Elbridge		115		71.99	1	477 ACSR	648	836	E	4
						1	300 CU				
						1	428 AL				
						1	556.5 AL				
						1	795 ACSR				
Nine Mile Pt.#1	Fitzpatrick	***(1)***	115		0.62	1	795 ACSR	1105	1347	D	
North Carthage	Taylorville		115		14.09	1	4/0 CU	532	646	E	2
						1	795 AL				
North Gouverneur	Battle Hill		115		4.91	1	795 ACSR	385	467	B	1
						1	3/0 ACSR				
North Ogdensburg	Mcintyre		115		5.48	1	795 ACSR	800	800	B	1
O.E.F.	North Ogdensburg		115		0.86	1	795 ACSR	973	1234	B	1
Ogdensburg	Mcintyre		115		2.45	1	336.4 ACSR	320	320	B	2
Oneida	Fenner		115		11.07	1	795 ACSR	734	800	B	1
Oneida	Oneida Energy		115		2.55	1	795 ACSR	573	698	B	1
Oneida	Porter		115		21.13	1	4/0 CU	423	583	E	2
Oneida	Yahnandasis		115		17.90	1	4/0 CU	532	646	E	2
						1	336.4 ACSR				
Oswego	South Oswego		115		1.45	1	2250 AL	1050	1050	A	2
Oswego	South Oswego		115		1.45	1	2250 AL	1050	1050	A	2
Oswego	South Oswego		115		1.45	1	2-1192 ACSR	2009	2400	E	4
						1	2167 ACSR				
Peat	Dewitt		115		4.17	1	1192.5 ACSR	1334	1708	E	2
Porter	Deerfield	***(c)***	115		0.73	1	4/0 CU	532	640	E	2
Porter	Deerfield		115		0.74	1	4/0 CU	584	640	E	2
Porter	Schuyler		115		6.63	1	795 ACSR	648	846	B	3
Porter	Terminal	***(c)***	115		4.11	1	795 ACSR	1005	1222	B	1
Porter	Valley		115		17.51	1	4/0 CU	584	708	E	2
						1	336.4 ACSR				

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit; C - Wood Structure Double Circuit; D - Steel Structure Single Circuit; E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported; ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor*

Table VI-1g (cont'd)
Existing Transmission Facilities – National Grid Central

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Porter	Watkins Rd.		115	11.58	1	4/0 CU	584	708	E,B	2
					1	795 ACSR				
Rome	Oneida		115	12.47	1	2-4/0 CU	648	846	E	1
					1	795 ACSR				
Sleight Road	Auburn(State St.)	*(1)*	115	28.24	1	556.5 AL	629	764	B	1
					1	300 CU				
					1	336.4 ACSR				
					1	795 ACSR				
South Oswego	Curtis St.		115	12.21	1	636 ACSR	939	1000	B	2
					1	795 ACSR				
South Oswego	Clay		115	34.27	1	336.4 ACSR	526	646	B	1
					1	4/0 CU				
					1	795 ACSR				
South Oswego	Geres Lock		115	31.54	1	636 ACSR	715	887	B	2
					1	300 CU				
					1	477 ACSR				
					1	795 ACSR				
South Oswego	Indeck(Oswego)		115	4.28	1	4/0 CU	584	708	E	2
					1	336.4 ACSR				
					1	795 ACSR				
South Oswego	Nine Mile Pt #1		115	10.30	1	4/0 CU	584	708	E	2
					1	336.4 ACSR				
					1	795 ACSR				
S.U.N.Y.(Cortland)	Cortland		115	5.87	1	795 ACSR	573	698	B	1
Taylorville	Boonville		115	33.38	1	4/0 CU	516	646	E	2
					1	336.4 ACSR				
Taylorville	Boonville	*(c)*	115	33.91	1	4/0 CU	507	642	E	2
					1	336.4 ACSR				
Taylorville	Moshier		115	10.99	1	4/0 CU	250	250	E	1
					1	3/0 ACSR				
					1	336.4 ACSR				
					1	2-4/0 CU				
Teall	Carr St.		115	3.63	1	636 ACSR	939	1144	B	1
					1	795 ACSR				
Teall	Dewitt		115	8.77	1	795 ACSR	584	708	B	2
					1	336.4 ACSR				
					1	4/0 CU				
Teall	Oneida		115	28.85	1	4/0 CU	584	708	E	2
Teall	Oneida		115	28.89	1	4/0 CU	584	708	E	2
Temple	Dewitt		115	2.49	1	1500 CU	600	732	A	1
			115	4.17	1	1192.5 ACSR			B	
Terminal	Schuyler		115	4.70	1	477 ACSR	584	708	B	1
					1	4/0 CU				
					1	336.4 ACSR				
					1	1192.5 ACSR				

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit; C - Wood Structure Double Circuit; D - Steel Structure Single Circuit; E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Thermal Ratings : *Normal ratings given in amperes.*

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported; ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor*

Table VI-1g (cont'd)
Existing Transmission Facilities – National Grid Central

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Thousand Islands	Coffeen		115	19.56	1	336.4 ACSR	600	600	B	1
Tilden	Cortland		115	35.11	1	795 ACSR	884	1128	B	1
Valley	Fairfield		115	5.44	1	4/0 CU	584	708	E	2
					1	336.4 ACSR				
					1	795 ACSR				
Fairfield	Inghams		115	7.15	1	4/0 CU	584	708	E	2
					1	795 ACSR				
Watkins Rd.	Ilion Municipal		115	3.43	1	336.4 ACSR	646	784	B	1
					1	795 ACSR				
Watkins Rd.	Inghams		115	15.46	1	4/0 CU	584	708	B,E	2
					1	336.4 ACSR				
					1	795 ACSR				
Willis	Malone	***(1)***	115	0.03	1	477 ACSR	648	846	E	2
Yahundasis	Chadwicks		115	5.91	1	795 ACSR	532	646	B	1
					1	336.4 ACSR				
Yahundasis	Porter		115	9.38	1	4/0 CU	584	708	E	2
					1	336.4 ACSR				

National Grid (Central) Notes

(1) *Denotes NGRID mileage to franchise line only*

(c) *Data change since the publication of the 2013 Load and Capacity Data report*

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor

Table VI-1h: Existing Transmission Facilities – National Grid - Eastern

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Alps	Berkshire	*(1)*	345		8.79	1	2-1192.5 ACSR	2796	3200	D	1
Athens	Pleasant Valley	*(1)*	345		39.39	1	2-795 ACSR	2228	2718	D	6,4
Edic	New Scotland		345		83.52	1	2-795 ACSR	2228	2718	D	2
Leeds	Hurley Ave	*(1)*	345		0.18	1	2-1033.5 ACSR	2560	3126	D	1
Leeds	Athens		345		0.49	1	2-795 ACSR	2228	2718	D	6,4
Leeds	Pleasant Valley	*(1)*	345		39.34	1	2-795 ACSR	2228	2718	D	6,4
Marcy	New Scotland	*(c)*	345	765	84.57	1	4-1351.5 ACSR	2796	3210	D	2
			345		0.29	1	2-1192.5 ACSR				2
			345		1.36	1	2-1351.5 ACSR				2
New Scotland	Alps		345	765	12.44	1	3-1590 ACSR	2015	2140	B	1
			345		18.13	1	2-1192.5 ACSR			B	
New Scotland	Leeds		345		25.74	1	2-795 ACSR	2228	2568	D	4,2
New Scotland	Leeds		345		25.87	1	2-795 ACSR	2228	2568	D	4,2
Reynolds Rd.	Alps		345		11.08	1	2-1192.5 ACSR	2080	2440	D	1
Porter	Rotterdam		230		71.80	1	795 ACSR	1105	1284	B	2
						1	1431 ACSR				
Porter	Rotterdam		230		71.96	1	795 ACSR	1105	1284	B	2
						1	1431 ACSR				
Rotterdam	Bear Swamp	*(1)*	230		43.64	1	795 ACSR	1105	1284	B	1,2
						1	1033.5 ACSR				
Albany Steam	Greenbush		115		3.07	1	605 ACSR	937	1141	E	2
Albany Steam	Greenbush		115		3.07	1	605 ACSR	937	1141	E	2
Altamont	New Scotland		115		8.48	1	4/0 CU	584	708	E	2
						1	795 ACSR				
						1	336.4 ACSR				
Arsenal	Reynolds Rd.		115		6.47	1	336.4 ACSR	646	784	E	2
						1	795 ACSR				
						1	795 AWAC				
Battenkill	North Troy		115		22.39	1	605 ACSR	916	1118	E	2
						1	795 ACSR				
Bethlehem	Albany Steam		115		2.80	1	2-605 ACSR	1654	1952	E	4,2
						1	2-795 ACSR				
CESTM	Mckownville		115		0.98	1	1192.5 ACSR	1296	1692	D	2
Churchtown	Pleasant Valley	*(1)*	115		32.22	1	605 ACSR	806	978	E	6,4
						1	350 CU				
Clinton	Marshville		115		1.60	1	336.4 ACSR	629	764	B	2
Costal Tech	Greenbush		115		4.56	1	795 ACSR	1105	1347	B	2
						1	1192.5 ACSR				
Curry Road	Wolf Road		115		7.30	1	4/0 CU	584	708	E	2
						1	336.4 ACSR				
Feura Bush	North Catskill	*(1)*	115		22.99	1	4/0 CU	584	708	E	5
						1	336.4 ACSR				
						1	795 ACSR				
Firehouse Rd.	N. Troy		115		8.06	1	336.4 ACSR	646	784	B	1
						1	795 ACSR				

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor

Table VI-1h (cont'd)
Existing Transmission Facilities – National Grid Eastern

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Forts Ferry	Johnson		115	1.89	1	795 ACSR	1105	1347	B	2,1
Front Street	Rosa Road		115	4.04	1	795 ACSR	1008	1200	B	2
G.E.(R&D)	Inman		115	6.26	1	795 ACSR	1105	1347	B	2
Greenbush	Hudson		115	26.43	1	605 ACSR	648	800	E	2
					1	350 CU				
Greenbush	Schodack		115	4.37	1	350 CU	648	846	E	2
					1	605 ACSR				
Greenbush	Stephentown	***(1)***	115	19.49	1	4/0 CU	584	708	B	
					1	336.4 ACSR				
Grooms Road	Inman Road		115	4.21	1	795 ACSR	1105	1347	B	2
Grooms Road	Forts Ferry		115	7.58	1	795 ACSR	1105	1347	B	2,1
Hoosick	Bennington	***(1)***	115	4.19	1	795 ACSR	1000	1220	B	1
Hudson	Pleasant Valley	***(1)***	115	39.22	1	605 ACSR	648	800	E	6,4
					1	350 CU				
					1	795 ACSR				
Inghams	Meco	***(1)***	115	30.83	1	336.4 ACSR	532	646	E	2
					1	4/0 CU				
Inghams	Richfield Springs	***(1)***	115	13.92	1	4/0 CU	532	646	B	1
Inghams	St. Johnsville		115	7.11	1	2/0 CU	436	527	B	2,1
					1	4/0 CU				
					1	636 ACSR				
Inghams	Stoner		115	23.80	1	336.4 ACSR	532	646	E	2
					1	4/0 CU				
Johnson	Maplewood		115	2.59	1	795 ACSR	1105	1200	B	1
Krumkill	Albany Steam		115	6.24	1	1192.5 ACSR	1383	1708	D	1,2
Lafarge	Pleasant Valley	***(1)***	115	60.39	1	605 ACSR	584	708	E	6,4
					1	4/0 CU				
					1	336.4 ACSR				
Long Lane	Lafarge		115	7.69	1	4/0 CU	584	708	E	5
					1	336.4 ACSR				
					1	795 ACSR				
Maplewood	Arsenal		115	2.15	1	795 ACSR	648	846	E	2
Maplewood	Menands		115	5.41	1	336.4 ACSR	646	784	E	2
					1	795 ACSR				
Mckownville	Krumkill		115	2.31	1	1192.5 ACSR	1296	1692	D	1,2
Meco	Rotterdam		115	30.79	1	336.4 ACSR	584	708	E	2
					1	4/0 CU				
Menands	Reynolds Rd.		115	2.46	1	795 AWAC	1092	1284	E	2
					1	795 ACSR				
Menands	Riverside		115	1.87	1	1192.5 ACSR	932	1141	B	1
Milan	Pleasant Valley	***(1)***	115	16.80	1	605 ACSR	806	978	E	6
					1	350 CU				

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Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
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Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
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Table VI-1h (cont'd)
Existing Transmission Facilities – National Grid Eastern

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Mohican	Battenkill		115		14.18	1	4/0 CU	532	646	E	2
						1	605 ACSR				
						1	795 ACSR				
						1	336.4 ACSR				
Mohican	Butler		115		3.73	1	4/0 CU	584	708	E	2
						1	336.4 ACSR				
Mohican	Luther Forest	*(c)*	115		34.47	1	4/0 CU	584	708	E	2
						1	795 ACSR				
						1	605 ACSR				
						1	1033.5 ACSR				
Luther Forest	N. Troy		115		14.14	1	1033.5 ACSR	937	1141	E	2
						1	795 ACSR				
						1	605 ACSR				
New Scotland	Albany Steam	*(1)*	115		8.31	1	1192.5 ACSR	1398	1708	D	2,3
New Scotland	Bethlehem		115		5.62	1	2-336.4 ACSR	1280	1563	E	2,3
						1	1033.5 ACSR				
						1	1192.5 ACSR				
New Scotland	Feura Bush		115		4.08	1	4/0 CU	584	708	E	5
						1	795 ACSR				
New Scotland	Feura Bush		115	230	5.33	1	1033.5 ACSR	1280	1563	B	3,5
						1	1192.5 ACSR				
New Scotland	Long Lane		115		4.22	1	4/0 CU	584	708	E	5
						1	795 ACSR				
North Catskill	Milan	*(1)*	115		23.85	1	605 ACSR	937	1141	E	2
North Troy	Hoosick		115		17.73	1	795 ACSR	1008	1302	B	1
North Troy	Reynolds Rd.		115		10.36	1	605 ACSR	916	1118	E	2
						1	795 ACSR				
North Troy	Wynantskill		115		7.30	1	605 ACSR	648	846	E	2
						1	795 ACSR				
Patroon	CESTM		115		1.63	1	1192.5 ACSR	1398	1708	D	2
Queensburry	Cedar		115		3.63	1	336.4 ACSR	646	784	E	2
Greenbush	Feura Bush		115	230	10.91	1	1033.5 ACSR	884	1118	B	3,5
						1	1192.5 ACSR				
Reynolds Rd.	Greenbush		115		4.83	1	2-605 ACSR	1654	2000	E	5
						1	2-795 ACSR				
Riverside	Reynolds Rd.		115		3.47	1	2-4/0 CU	1105	1200	E	5
						1	795 ACSR				
Riverside-Reyn Rd.	Greenbush		115		3.88	1	2-4/0 CU	884	1128	E	5
						1	2-397.5 ACSR				
						1	795 ACSR				
Riverside	Trinity		115		2.02	1	1000 CU	742	801	A	
Riverside	Trinity		115		2.02	1	1750 CU	995	1076	A	
Rosa Road	G.E.(R&D)		115		1.87	1	795 ACSR	1008	1234	B	2
Rotterdam	Altamont		115		8.42	1	4/0 CU	584	708	E	2
						1	336.4 ACSR				
						1	795 ACSR				

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Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
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Table VI-1h (cont'd)
Existing Transmission Facilities – National Grid Eastern

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Rotterdam	Curry Road		115		7.10	1	4/0 CU	584	708	E	4,2
						1	336.4 ACSR				
						1	795 ACSR				
Rotterdam	Front Street		115		3.62	1	795 ACSR	1105	1347	B	2
Rotterdam	G.E.	*(1)(c)*	115		1.74	1	2/0 CU	436	527	E	
						1	4/0 CU				
						1	336.4 ACSR				
Rotterdam	G.E.	*(1)(c)*	115		1.84	1	2/0 CU	436	527	E	
						1	4/0 CU				
						1	336.4 ACSR				
Rotterdam	New Scotland		115	230	18.08	1	1033.5 ACSR	1212	1284	B	
						1	1192.5 ACSR				
Rotterdam	New Scotland		115		16.93	1	4/0 CU	532	646	E	2
						1	795 ACSR				
Rotterdam	Woodlawn		115		10.60	1	4/0 CU	584	708	E	2
Schodack	Churchtown	*(1)*	115		26.74	1	605 ACSR	937	1141	E	2
Spier	Butler		115		5.71	1	4/0 CU	532	646	E	4
						1	795 ACSR				
Spier	Mohican		115		9.42	1	795 ACSR	584	708	E	2
						1	4/0 CU				
Spier	Queensburry		115		9.15	1	4/0 CU	532	646	B	2
						1	636 ACSR				
Spier	Queensburry		115		9.49	1	4/0 CU	584	708	B	4,2
						1	636 ACSR				
Spier	Rotterdam	*(c)*	115		32.71	2	4/0 CU	1168	1416	E	2
		(c)				1	397.5 SSAC				
Spier	Luther Forest		115		33.11	1	4/0 CU	584	708	E	1
			115		1.10	1	2500 CU			A	
						1	795 ACSR				
						1	336.4 ACSR				
Rotterdam	Luther Forest		115		22.36	1	795 ACSR	990	1070	E	1
			115		1.10	1	2500 CU			A	
						1	397.5 SSAC				
Spier	West		115		14.08	1	4/0 CU	532	646	B	1
						1	336.4 ACSR				
St. Johnsville	Marshville		115		9.88	1	795 ACSR	800	800	E	2
						1	2-2/0 CU				
State Campus	Menands		115		4.77	1	4/0 CU	584	708	E	2
			115			1	795 ACSR				
			115		0.23	1	1500 CU			A	
Stoner	Rotterdam		115		23.12	1	336.4 ACSR	584	708	E	2
						1	4/0 CU				

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Table VI-1h (cont'd)
Existing Transmission Facilities – National Grid Eastern

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Ticonderoga	Hague Rd		115	1.48	1	4/0 CU	200	200	B	2,1
					1	336.4 ACSR				
Ticonderoga	Republic	*(1)*	115	19.70	1	4/0 CU	360	360	B	2,1
					1	336.4 ACSR				
Ticonderoga	Whitehall		115	22.51	1	4/0 CU	584	708	B	1
					1	336.4 ACSR				
Trinity	Albany		115	2.50	1	795 ACSR	742	801	B	4,1
			115	1.57	1	1000 CU			A	
Trinity	Albany		115	2.50	1	795 ACSR	995	1076	B	2
			115	1.57	1	1750 CU			A	
Warrensburg	North Creek		115	22.88	1	795 ACSR	465	465	C	1
			115	0.17	1	750 CU			A	
			115	0.19	1	750 CU			A	
Warrensburg	Scofield Rd.		115	10.45	1	795 ACSR	532	600	B	1
Whitehall	Cedar	*(c)*	115	21.05	1	4/0 CU	541	667	E	2
					1	336.4 ACSR				
Whitehall	Mohican		115	22.91	1	4/0 CU	584	708	E	2
Whitehall	Rutland	*(1)*	115	5.96	1	795 ACSR	1008	1200	B	1
Wolf Road	Menands		115	4.54	1	4/0 CU	584	708	E	2
					1	336.4 ACSR				
Woodlawn	State Campus		115	7.60	1	4/0 CU	584	708	E	2
			115		1	605 ACSR				
			115		1	795 ACSR				
			115	0.23	1	1500 CU			A	
Wynantskill	Reynolds Rd.	*(1)*	115	3.22	1	605 ACSR	937	1141	E	2
					1	795 ACSR				

National Grid (Eastern) Notes

(1) Denotes NGRID mileage to franchise line only

(c) *Data change since the publication of the 2013 Load and Capacity Data report*

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Table VI-1i: Existing Transmission Facilities – Orange & Rockland Utilities

From	To		Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Ramapo	Buchanan (ConEd)	***(1)***	345	15.10	1	2-2493 ACAR	3000	3210	E	2
Ramapo	Ladentown	***(1)***	345	5.20	1	2-2493 ACAR	3030	3210	E	1
Ladentown	Buchanan (ConEd)	***(1)***	345	9.90	1	2-2493 ACAR	3000	3210	E	2
Ladentown	West Haverstraw	***(2)***	345	5.10	2	2-2493 ACAR	3030	3480	E	2
West Haverstraw	Bowline Point	***(3)***	345	1.72	2	2500 CU	1150	1300	A	2
Ramapo	NY / NJ State Line	***(1)***	345	3.42	2	2-1590 AL	2160	2820	E	2
Lovett	Minisceongo Switch		138	4.37	1	795 ACSR	1089	1298	C/E	2
Minisceongo Switch	Bowline Point	***(3)***	138	0.70	2	2000 CU	995	1150	A	1
Minisceongo Switch	Congers		138	6.32	1	1272 ACSR	1475	1759	B/D	1
Ramapo	Hillburn		138	1.98	1	1272 ACSR	870	870	B/D	2
Ramapo	Sugarloaf		138	1.21	1	1272 ACSR	1229	1461	B	1
			138	0.86	1	1033.5 ACSR	1229	1461	D	1
			138	14.64	1	2-336.4 ACSR	1229	1461	D	
Ramapo	Tallman		138	3.24	1	1272 ACSS	1978	2122	D	
Tallman	Monsey		138	3.14	1	1272 ACSS	1978	2122	D	
Monsey	Burns		138	2.94	1	1272 ACSS	1978	2122	B	1
Ramapo	NY / NJ State Line		138	0.17	1	795 ACSR	1098	1312	B	
			138	1.21	1	1272 ACSR	1098	1312	B	1
			138	3.94	1	1033.5 ACSR	1098	1312	D	1
Lovett	Transition Structure		138	0.93	1	2000 CU	1098	1312	A	
Transition Structure	West Haverstraw		138	3.31	1	795 ACSR	1098	1312	D	1
Lovett	Transition Structure		138	0.93	1	2000 CU	1098	1312	D	
Transition Structure	Stony Point		138	1.97	1	795 ACSR	1098	1312	D	1
Stony Point	West Haverstraw		138	1.34	1	795 ACSR	1098	1312	D	1
West Haverstraw	Burns		138	6.64	1	795 ACSR	1040	1270	D	2
West Haverstraw	New Hempstead		138	4.21	1	795 ACSR	1098	1312	B/D	1
New Hempstead	Burns		138	2.65	1	795 ACSR	1098	1312	B/D	1
Burns	Corporate Drive		138	0.25	1	795 ACSR	880	1052	B	1
			138	4.76	1	556.5 ACSR	880	1052	B/D	1
Corporate Drive	NY / NJ State Line		138	4.58	1	1590 ACSR	880	880	D	1
Middletown 345kv Tap	Shoemaker, Middletown		138	0.88	1	1033.5 ACSR	2453	2927	E	1
Shoemaker, Middle	Sugarloaf, Chester		138	8.82	1	795 ACSR	1098	1312	B	1
			138	2.29	1	2-336.4 ACSR	1098	1312	E	
			138	0.88	1	1033.5 ACSR	1098	1312	D	1

Orange & Rockland Notes

(1) *Facilities owned jointly by Orange & Rockland, Inc. (15%) and Consolidated Edison Company of New York (85%)*

(2) *Facilities owned jointly by Orange & Rockland, Inc. (33.3%) and Consolidated Edison Company of New York (66.7%)*

(3) *Facilities owned by GenOn*

(c) *Data change since the publication of the 2013 Load and Capacity Data report*

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Table VI-1j: Existing Transmission Facilities – Rochester Gas & Electric Corporation

From	To	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
#82 - Brighton,N.Y.	#33 - Rochester,N.Y.	115		2.00	1	795 AL	970	1230	B	2
#33 - Rochester,N.Y.	#23 - Rochester,N.Y.	115		4.41	1	2750	370	400	A	1
#82 - Brighton,N.Y.	#33 - Rochester,N.Y.	115		2.00	1	795 AL	970	1230	D	2
#82 - Brighton,N.Y.	#67 - Chili,N.Y.	115		2.00	1	1431 ACSR	1575	1890	C	2
		115		0.40	1	2000CU//1250EPR	1560	1720	A	
#80 - Henrietta,N.Y.	#82 - Brighton,N.Y.	115		3.50	2	2-1033.5 ACSR	2540	3050	B	2
#82 - Brighton,N.Y.	#162 - Perry,N.Y.	115		37.60	1	336.4 ACSR	640	780	B	1
#162 - Perry,N.Y.	#180 - Houghton,N.Y.	115		5.50	1	336.4 ACSR	640	780	B	1
		115		18.50	1	336.4 ACSR	640	780	B	1
#13A - Ontario,N.Y.	#121 - Macedon,N.Y.	115		4.20	1	1033 AL	1140	1450	B	5
		115		6.10	1	1033 AL	1140	1450	B	2
		115		3.60	1	1431 AL	1300	1760	C	5
#121 - Macedon,N.Y.	#122 - Macedon,N.Y.	115		4.00	1	1431 AL	1300	1760	B	3
#13A - Ontario,N.Y.	#135 - Ontario,N.Y.	115		3.17	1	1033.5 AL	1135	1415	B	5
#135 - Ontario,N.Y.	#216 - Sodus,N.Y.	115		12.36	1	1033.5 AL	1135	1415	B	1
#67 - Chili,N.Y.	#418 - Gates,N.Y.	115		3.00	1	1033.5 AL	1140	1450	C	1
		115		0.50	1	795 ACSR	1100	1360	C	1
#13A - Ontario,N.Y.	#124 - Rochester,N.Y.	115	345	3.50	1	1431 AL	1300	1760	C	5
		115		3.60	1	2-795 ACSR	2200	2720	B	5
		115		4.00	1	1431 AAL	1300	1760	B	2
#124 - Rochester,N.Y.	#42 - Rochester,N.Y.	115		0.11	1	1033 AAL	1140	1450	B	2
		115		8.60	1	1750 CU	930	1070	A	1
#13A - Ontario,N.Y.	#42 - Rochester,N.Y.	115		3.50	1	1431 AL	1300	1760	C	5
		115		3.90	1	1431 AL	1300	1760	B	5
		115		4.00	1	1431 AL	1300	1760	B	2
		115		8.50	1	1750 CU	930	1070	A	2
#13A - Ontario,N.Y.	#122 - Macedon,N.Y.	115	345	3.60	1	1431 AL	1300	1760	C	5
		115		4.00	1	2-795 ACSR	2200	2720	B	5
		115		10.00	1	1033.5 AL	1130	1440	B	2
#13A - Ontario,N.Y.	#135 - Ontario,N.Y.	115		4.98	1	1033 ACSR	1225	1495	B	1
#424 - Webster,N.Y.	#135 - Ontario,N.Y.	115		3.17	1	1033 ACSR	1225	1495	B	1
#122 - Macedon,N.Y.	#121 - Macedon,N.Y.	115		4.00	1	1033.5 AL	1130	1440	B	2
#7 - Rochester,N.Y.	#418 - Gates,N.Y.	115		0.63	1	1033 AL	1130	1440	B	1
		115		2.18	1	795 ACSR	1100	1360	B	1
		115		13.86	1	336.4 ACSR	650	780	B	1
		115		6.09	1	336.4 AAL	570	720	B	1
#80 - Henrietta,N.Y.	#419 - Henrietta,N.Y.	115		0.70	2	1033 AAL	200	220	B	2
#80 - Henrietta,N.Y.	#67 - Chili,N.Y.	115		5.31	1	1431 ACSR	1575	1890	B	2
		115		0.53	1	3250AL/1250EPR	1560	1720	A	1
#42 - Rochester,N.Y.	#23 - Rochester,N.Y.	115		4.05	1	2750 AL	1019	1195	A	1
#67 - Chili,N.Y.	104 Tap - Chili,N.Y.	115		4.50	1	1033 AL	1040	1330	B	1
104 Tap - Chili,N.Y.	104 - Chili,N.Y.	115		2.05	1	1033 AL	1040	1330	B	1
#82 - Brighton N.Y.	#48 - Rochester,N.Y.	115		4.16	1	1033 AL	1140	1450	B	1
		115		1.17	1	2-2000 EPR	2120	2300	A	2
		115		4.31	1	2-795 ACSR	2200	2630	B	2
#7 - Rochester,N.Y.	#48 - Rochester,N.Y.	115		7.50	1	1033 AL	1135	1415	B	2

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit; C - Wood Structure Double Circuit; D - Steel Structure Single Circuit; E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported; ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor*

Table VI-1j (cont'd)
Existing Transmission Facilities – Rochester Gas & Electric Corporation

From	To	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
#37 - Rochester,N.Y.	#48 - Rochester,N.Y.	115	2.20	1	1431 AL	1160	1590	B	2
#67 - Chili,N.Y.	#37 - Rochester,N.Y.	115	0.36	1	2-1500 Cu	1650	1700	A	2
		115	2.10	1	1431 AL	1160	1590	B	2
#128 - Leicester, N.Y.	Amer Rock Salt - Geneseo, NY	115	3.60	1	336 26/7 ACSR	490	650	B	1
#1185 - Hume, N.Y.	#133 - Hume, N.Y.	115	0.95	1	636 26/7 ACSR	490	650	B	1
#7 - Rochester,N.Y.	#48 - Rochester,N.Y.	115	7.50	1	1033 ACSR	1270	1525	B	2
#135 - Ontario,N.Y.	#424 - Webster,N.Y.	115	4.98	1	1033 AL	1135	1415	B	1
#230 - Walworth,N.Y.	#121 - Macedon,N.Y.	115	5.80	1	1033 ACSR	1270	1525	B	1
#135 - Ontario,N.Y.	#230 - Walworth,N.Y.	115	4.98	1	1033 AL	1135	1415	B	1

Rochester Gas and Electric Corporation Notes

(c) *Data change since the publication of the 2013 Load and Capacity Data report*

COLUMN HEADING FOOTNOTE:

Oper. / Design Voltage: *Design voltage provided if different than operating.*

Type of Conductor : *Conductor sizes given in thousands of circular mils (MCM) unless otherwise specified.*

Thermal Ratings : *Normal ratings given in amperes.*

Principal Structure / Design Type:
A - Underground / water Circuit; B - Wood Structure Single Circuit;
C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Conductor Acronyms: *ACSR - Aluminum Conductor Steel Reinforced; ACSS - Aluminum Conductor Steel Supported;*
ACAR - Aluminum Conductor Alloy Reinforced; AAC - All Aluminum Conductor; AAAC - All Aluminum Alloy Conductor

Table VI-2: Mileage of Existing Transmission Facilities

Facilities by kV Class Overhead (OH) Underground (UG)	115 kV OH	 UG	138 kV OH	 UG	 	230 kV OH	 UG	345 kV OH	 	 UG	 	500 kV OH	765 kV OH	150 kV DC UG	500 kV DC UG	
CENTRAL HUDSON GAS & ELECTRIC CORPORATION	230.2	4.1	0.0	0.0		0.0	0.0	76.1		0.0		0.0	0.0			
CONSOLIDATED EDISON	0.0	0.0	21.7	208.9	**(a)**	0.5	0.0	406.4	**(b) (i)**	184.3	**(h)**	5.3	0.0			
LONG ISLAND POWER AUTHORITY	0.0	0.0	244.2	161.5	**(e)**	0.0	0.0	0.0		9.3	**(g)**	0.0	0.0	24.0	66.0	**(g)**
NEW YORK POWER AUTHORITY	52.1 **(f)**	1.6	0.0	0.0		338.1	0.0	883.4		43.2		0.0	154.9			
NEW YORK STATE ELECTRIC & GAS CORP.	1463.3	7.5	0.0	0.0		233.3	0.0	550.1		0.0		0.0	0.0			
NATIONAL GRID	4085.2	25.2	0.0	0.0		498.1	20.2	688.0		0.4		0.0	0.0			
ORANGE AND ROCKLAND UTILITIES INC.	0.0	0.0	87.5	2.3	**(a)**	0.0	0.0	47.2	**(b)**	3.4	**(d)**	0.0	0.0			
ROCHESTER GAS AND ELECTRIC CORPORATION	248.0	28.0	0.0	0.0		0.0	0.0	0.0		0.0		0.0	0.0			
TOTALS BY kV CLASS (c)	**6078.9**	**66.4**	**353.4**	**372.8**		**1069.9**	**20.2**	**2604.0**		**240.6**		**5.3**	**154.9**	**24.0**	**66.0**	

TOTAL OVERHEAD	=	10,266.3	(c)
TOTAL UNDERGROUND	=	790.0	(c)
TOTAL	=	11,056.3	(c)

Notes:

(a) 1.4 circuit miles are owned by GenOn
(b) 47.2 circuit miles are jointly owned by Con Ed and Orange & Rockland
(c) These totals reflect the appropriate adjustments for jointly owned facilities (footnote b)
(d) 3.4 circuit miles are owned by GenOn as indicated in the list of existing transmission facilities
(e) Includes 5.6 miles of three parallel cables from LIPA's Northport to the NY/CT State Border (middle of Long Island Sound). Additional 3.9 miles energized in 1983 is part of an existing cable circuit between Newbridge and Bagatelle.
(f) 21.3 circuit miles are owned by Alcoa
(g) A total of 67.7 circuit miles are owned by NRTS-Neptune Regional Transmission as indicated in the list of existing transmission facilities
(h) 3 circuit miles are owned by East Coast Power, LLC as indicated in the list of existing transmission facilities
(i) 0.5 miles (345 kV) are owned by Entergy as indicated in the list of existing transmission facilities

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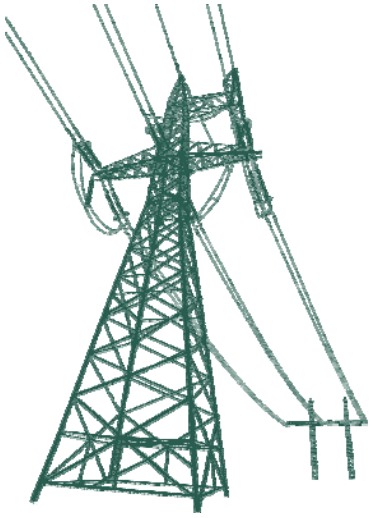
SECTION VII:

PROPOSED TRANSMISSION FACILITIES
AS OF MARCH 31, 2014



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Section VII

This section contains the list of firm and non-firm proposed transmission projects and merchant transmission projects. Projects that were placed in-service since the publication of the 2013 Gold Book are maintained on the list of proposed transmission projects for one year.

Table VII-1: Proposed Transmission Facilities

[Merchant Queue Position] / Project Notes	Transmission Owner	Terminals		Line Length in Miles (1)	Expected In-Service Date/Yr Prior to (2)	Year	Nominal Voltage in kV Operating	Design	# of ckts	Thermal Ratings (4) Summer	Winter	Project Description / Conductor Size	Class Year / Type of Construction
	Merchant Transmission Projects												
[206],3	Hudson Transmission Partners	Hudson Transmission Convertor Stn	West 49th Street 345kV	7.6	In-Service	2013	345	345	1	660 MW	660 MW	Back- to- back AC/DC/AC converter, 345kV AC cable	2008
[305],15	Transmission Developers Inc.	Hertel 735kV (Quebec)	Astoria Annex 345kV	333	S	2017	320	320	1	1000 MW	1000 MW	-/+ 320kV Bipolar HVDC cable	2012
[358],18	West Point Partners	Leeds 345kV	Buchanan North 345kV	72	W	2018	320	320	1	1000 MW	1000 MW	-/+ 320kV Bipolar HVDC cable	TBD
	Firm Plans(5) (included in FERC 715 Base Case)												
	CHGE	North Catskill	Feura Bush	Series Reactor	S	2014	115	115	1	1280	1560	Reactor impedance increase from 12% to 16%	-
6	CHGE	Pleasant Valley	Todd Hill	5.53	W	2015	115	115	1	1280	1563	Rebuild line with 1033 ACSR	OH
6	CHGE	Todd Hill	Fishkill Plains	5.23	W	2015	115	115	1	1280	1563	Rebuild line with 1033 ACSR	OH
	CHGE	Hurley Avenue	Leeds	Series Compensation	S	2018	345	345	1	1400	1700	21% Compensation	SDU
	CHGE	Hurley Ave	Saugerties	11.40	S	2020	115	115	1	1114	1359	1-795 ACSR	OH
	CHGE	Saugerties	North Catskill	12.46	S	2020	115	115	1	1114	1359	1-795 ACSR	OH
11	CHGE	St. Pool	High Falls	5.61	S	2020	115	115	1	1114	1359	1-795 ACSR	OH
11	CHGE	High Falls	Kerhonkson	10.03	S	2020	115	115	1	1114	1359	1-795 ACSR	OH
11	CHGE	Kerhonkson	Honk Falls	4.97	S	2020	115	115	2	1114	1359	1-795 ACSR	OH
11	CHGE	Modena	Galeville	4.62	S	2020	115	115	1	1114	1359	1-795 ACSR	OH
11	CHGE	Galeville	Kerhonkson	8.96	S	2020	115	115	1	1114	1359	1-795 ACSR	OH
3	ConEd	Vernon	Vernon	Phase Shifter	In-Service	2013	138	138	1	300 MVA	300 MVA	Phase Shifter	-
	ConEd	Dunwoodie South	Dunwoodie South	Phase shifter	S	2014	138	138	2	Nominal 132 MVA		PAR Retirement	-
	ConEd	Dunwoodie South	Dunwoodie South	Phase shifter	S	2014	138	138	1	Nominal 300 MVA		PAR Replacement	-
	ConEd	Goethals	Goethals	Reconfiguration	S	2014	345	345		-	-	Reconfiguration	-
16	ConEd	Rock Tavern	Sugarloaf	13.70	S	2016	345	345	1	1811 MVA	1918 MVA	2-1590 ACSR	OH
16	ConEd	Goethals	Gowanus	12.95	S	2016	345	345	2	632 MVA	679 MVA	Additional Cooling	UG
16	ConEd	Gowanus	Farragut	4.05	S	2016	345	345	2	800 MVA	844 MVA	Additional Cooling	UG
16	ConEd	Goethals	Linden Co-Gen	-1.50	S	2016	345	345	1	2504	2504	Feeder Seperation	UG
16	ConEd	Goethals	Linden Co-Gen	1.50	S	2016	345	345	1	1252	1252	Feeder Seperation	UG
16	ConEd	Goethals	Linden Co-Gen	1.50	S	2016	345	345	1	1252	1252	Feeder Seperation	UG
	ConEd	Greenwood	Greenwood	Reconfiguration	S	2018	138	138		-	-	Reconfiguration	-
	ConEd	Rainey	Corona	xfmr/Phase shifter	S	2018	345/138	345/138	1	263 MVA	320 MVA	xfmr/Phase shifter	UG
7,3	LIPA	Shoreham	Brookhaven	-7.30	In-Service	2013	138	138	1	1851	2373	2300AL	OH
7,3	LIPA	Shoreham	Wildwood	1.00	In-Service	2013	138	138	1	1851	2373	2300AL	OH
7,3	LIPA	Wildwood	Brookhaven	6.30	In-Service	2013	138	138	1	1851	2373	2300AL	OH
7,3	LIPA	Holbrook	Holtsville GT	-0.32	In-Service	2013	138	138	1	3124	3996	2-1750 AL	OH
7,3	LIPA	Holbrook	West Bus	0.20	In-Service	2013	138	138	1	3124	3996	2-1750 AL	OH
7,3	LIPA	West Bus	Holtsville GT	0.12	In-Service	2013	138	138	1	3124	3996	2-1750 AL	OH
7,3	LIPA	Sill Rd	Holtsville GT	-9.47	In-Service	2013	138	138	1	3124	3996	2-1750 AL	OH
7,3	LIPA	Sill Rd	West Bus	9.35	In-Service	2013	138	138	1	3124	3996	2-1750 AL	OH
7,3	LIPA	West Bus	Holtsville GT	0.12	In-Service	2013	138	138	1	3124	3996	2-1750 AL	OH
7,3	LIPA	Pilgrim	Holtsville GT	-11.86	In-Service	2013	138	138	1	2087	2565	2493 ACAR	OH
7,3	LIPA	Pilgrim	West Bus	11.74	In-Service	2013	138	138	1	2087	2565	2493 ACAR	OH
12	LIPA	Holtsville DRSS	West Bus	N/A	S	2014	138	138	-	150 MVAR	150 MVAR	Dynamic Reactive Support System (DRSS)	
12	LIPA	Randall Ave	Wildwood	N/A	S	2014	138	138	-	150 MVAR	150 MVAR	Dynamic Reactive Support System (DRSS)	
3	NGRID	Clay	Clay	-	In-Service	2013	115	115	-	-	-	Rebuild 115kV Station	-
3	NGRID	Spier	Rotterdam	32.70	In-Service	2014	115	115	1	916	1070	New/Separate Circuit w/Twin-795 ACSR south end	OH
	NGRID	Dunkirk	Dunkirk	Cap Bank	W	2014	115	115	1	67 MVAR	67 MVAR	Capacitor Bank 2 - 33.3 MVAR	-
	NGRID	Rome	Rome	-	W	2014	115	115	-	-	-	Station Rebuild	-
	NGRID	Porter	Porter	-	W	2014	115	115	-	-	-	Rebuild 115kV Station	-
7	NGRID	Homer City	Stolle Road	-204.11	S	2015	345	345	1	1013	1200	New Five Mile substation	OH
7	NGRID	Homer City	Five Mile Rd (New Station)	151.11	S	2015	345	345	1	1013	1200	New Five Mile substation	OH
7	NGRID	Five Mile Rd (New Station)	Stolle Road	53.00	S	2015	345	345	1	1013	1200	New Five Mile substation	OH
7	NGRID	Gardenville	Homer Hill	-65.69	S	2015	115	115	2	584	708	New Five Mile substation	OH
7	NGRID	Gardenville	Five Mile Rd (New Station)	58.30	S	2015	115	115	2	129MVA	156MVA	New Five Mile substation	OH
	NGRID	Five Mile Rd (New Station)	Five Mile Rd (New Station)	xfmr	S	2015	345/115	345/115	-	478MVA	590MVA	New Five Mile substation	-
7	NGRID	Five Mile Rd (New Station)	Homer Hill	8.00	S	2015	115	115	2	129MVA	156MVA	New Five Mile substation	OH

Table VII-1: Proposed Transmission Facilities (cont'd)

Merchant Queue Position / Project Notes	Transmission Owner	Terminals		Line Length miles (1)	Expected In-Service Date/Yr Prior to (2)	Year	Nominal Voltage in kV Operating	Design	# of ckts	Thermal Ratings (4) Summer	Winter	Project Description / Conductor Size	Class Year / Type of Construction
	Firm Plans(5) (included in FERC 715 Base Case)												
	NGRID	Clay	Clay	xfmr	S	2015	345/115	345/115	1	478MVA	590MVA	Replace Transformer	-
7	NGRID	Rotterdam	Bear Swamp	-43.64	S	2015	230	230	1	1105	1284	795 ACSR	OH
7	NGRID	Rotterdam	Eastover Road (New Station)	23.20	S	2015	230	230	1	1114	1284	Rotterdam-Bear Swamp #E205 Loop (0.8 miles new)	OH
7	NGRID	Eastover Road (New Station)	Bear Swamp	21.88	S	2015	230	230	1	1105	1347	Rotterdam-Bear Swamp #E205 Loop (0.8 miles new)	OH
	NGRID	Eastover Road (New Station)	Eastover Road (New Station)	xfmr	S	2015	230/115	230/115	1	345MVA	406MVA	Transformer	-
7	NGRID	Luther Forest	North Troy	-18.30	S	2015	115	115	1	937	1141	1033.5 ACSR	
7	NGRID	Luther Forest	Eastover Road (New Station)	17.50	S	2015	115	115	1	937	1141	Luther Forest-North Troy Loop (0.9 miles new)	OH
7	NGRID	Eastover Road (New Station)	North Troy	2.60	S	2015	115	115	1	937	1141	Luther Forest-North Troy Loop (0.9 miles new)	OH
7	NGRID	Battenkill	North Troy	-22.39	S	2015	115	115	1	916	1118	605 ACSR	
7	NGRID	Battenkill	Eastover Road (New Station)	21.59	S	2015	115	115	1	937	1141	Battenkill-North Troy Loop (0.9 miles new)	
7	NGRID	Eastover Road (New Station)	North Troy	2.60	S	2015	115	115	1	916	1118	Battenkill-North Troy Loop (0.9 miles new)	
7	NGRID/NYSEG	Homer City	Five Mile Rd (New Station)	-151.11	S	2016	345	345	1	1013	1200	New Five Mile substation	OH
7	NGRID/NYSEG	Homer City	Farmers Valley	120.00	S	2016	345	345	1	1013	1200	New Farmer Valley substation	OH
7	NGRID/NYSEG	Farmers Valley	Five Mile Rd (New Station)	31.00	S	2016	345	345	1	1013	1200	New Farmer Valley substation	OH
	NGRID	Clay	Dewitt	10.24	W	2017	115	115	1	193MVA	245MVA	Reconductor 4/0 CU to 795ACSR	OH
	NGRID	Clay	Teall	12.75	W	2017	115	115	1	220 MVA	239MVA	Reconductor 4/0 CU to 795ACSR	OH
3	NYPA	Niagara	Niagara	GSU	In-Service	2013	230/13.8	230/13.8	4	135 MVA	135MVA	Replacement of Lewiston Pump Generating Plant GSUs	-
10	NYPA	Moses	Willis	-37.11	S	2014	230	230	2	876	1121	795 ACSR	OH
10	NYPA	Moses	Willis	37.11	S	2014	230	230	1	876	1121	795 ACSR	OH
10	NYPA	Moses	Willis	37.11	S	2014	230	230	1	876	1121	795 ACSR	OH
	NYPA	Moses	Moses	Cap Bank	W	2014	115	115	1	100 MVAR	100 MVAR	Cap Bank Installation to Replace Moses Synchronous Condensers	-
	NYPA	Moses	Moses	Cap Bank	W	2015	115	115	1	100 MVAR	100 MVAR	Cap Bank Installation to Replace Moses Synchronous Condensers	-
16	NYPA	Marcy	Coopers Corners	Series Comp	S	2016	345	345	1	1776 MVA	1793 MVA	Installation of Series Compensation on UCC2-41	-
16	NYPA	Edic	Fraser	Series Comp	S	2016	345	345	1	1793 MVA	1793 MVA	Installation of Series Compensation on EF24-40	-
16	NYPA	Fraser	Coopers Corners	Series Comp	S	2016	345	345	1	1494 MVA	1793 MVA	Installation of Series Compensation on FCC33	-
7	NYPA	Niagara	Rochester	-70.20	W	2016	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Niagara	Station 255 (New Station)	66.40	W	2016	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Station 255 (New Station)	Rochester	3.80	W	2016	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Dysinger Tap	Rochester	-44.00	W	2016	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Dysinger Tap	Station 255 (New Station)	40.20	W	2016	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Station 255 (New Station)	Rochester	3.80	W	2016	345	345	1	2177	2662	2-795 ACSR	OH
3	NYSEG	Amawalk	Amawalk	Cap Bank	In-Service	2013	115	115	1	50 MVAR	50 MVAR	Capacitor Bank (DOE)	-
3	NYSEG	Mountaindale	Mountaindale	Cap Bank	In-Service	2013	115	115	1	50 MVAR	50 MVAR	Capacitor Bank (DOE)	-
3	NYSEG	Morgan Road	Morgan Road	Cap Bank	In-Service	2013	115	115	1	60 MVAR	60 MVAR	Capacitor Bank (DOE)	-
3	NYSEG	Ridge Rd.	Ridge Rd.	Cap Bank	In-Service	2013	115	115	1	72 MVAR	72 MVAR	Capacitor Bank (DOE)	-
	NYSEG	Meyer	Meyer	Cap Bank	S	2014	115	115	1	18 MVAR	18 MVAR	Capacitor Bank Installation	-
8	NYSEG	Wood Street	Katonah	11.70	W	2014	115	115	1	775	945	477 ACSR	OH
	NYSEG	Ashley Road	Ashley Road	Cap Bank	W	2014	115	115	1	150 MVAR	150 MVAR	Capacitor Bank (DOE)	-
	NYSEG	Big Tree	Big Tree	Cap Bank	W	2014	115	115	1	50 MVAR	50 MVAR	Capacitor Bank (DOE)	-
	NYSEG	Coopers Corners	Coopers Corners	Shunt Reactor	W	2014	345	345	1	200 MVAR	200 MVAR	Shunt Reactor Installation	-
	NYSEG	Watercure Road	Watercure Road	xfmr	W	2015	345/230	345/230	1	426 MVA	494 MVA	Transformer	-
	NYSEG	Goudey	AES Westover	reconfig	W	2014	115	115	-	N/A	N/A	substation separation	-
	NYSEG	Jennison	AES Oneonta	reconfig	W	2014	115	115	-	N/A	N/A	substation separation	-
7	NYSEG	Homer City	Watercure Road	-177.00	S	2015	345	345	1	1549	1552	2156 ACR	OH
7	NYSEG	Watercure Road	Mainesburg	26.00	S	2015	345	345	1	1549	1552	2156 ACR	OH
7	NYSEG	Mainesburg	Homer City	151.00	S	2015	345	345	1	1549	1552	2156 ACR	OH
8	NYSEG	Wood Street	Carmel	1.34	W	2015	115	115	1	775	945	477 ACSR	OH
	NYSEG	Carmel	Katonah	13.04	S	2016	115	115	1	15/247/275MV	15/247/275MV	convert 46kV to 115kV	OH
16	NYSEG	Fraser	Coopers Corners	21.80	S	2016	345	345	1	TBD	TBD	ACCR 1742-T9 Reconductor	OH
	NYSEG	Wood Street	Wood Street	xfmr	S	2016	345/115	345/115	1	280 MVA	300 MVA	Transformer	-
	NYSEG	Elbridge	State Street	14.50	W	2016	115	115	1	250 MVA	305 MVA	1033 ACSR	OH
	NYSEG	Gardenville	Gardenville	xfmr	S	2017	230/115	230/115	1	200 MVA	225 MVA	Transformer	-

Table VII-1: Proposed Transmission Facilities (cont'd)

Merchant Queue Position / Project Notes	Transmission Owner	Terminals		Line Length miles (1)	Expected In-Service Date/Yr Prior to (2)	Year	Nominal Voltage in kV Operating	Design	# of ckts	Thermal Ratings (4) Summer	Winter	Project Description / Conductor Size	Class Year / Type of Construction
	Firm Plans(5) (included in FERC 715 Base Case)												
7	NYSEG	Wethersfield	Meyer	-31.50	W	2017	230	230	1	1080	1310	795 ACSR	OH
7	NYSEG	Wethersfield	South Perry	11.50	W	2017	230	230	1	1080	1310	795 ACSR	OH
7	NYSEG	South Perry	Meyer	20.00	W	2017	230	230	1	1080	1310	795 ACSR	OH
	NYSEG	South Perry	South Perry	xfmr	W	2017	230/115	230/115	1	225 MVA	240 MVA	Transformer	-
	NYSEG	Klinekill Tap	Klinekill	<10	W	2017	115	115	1	>=124 MVA	>=150 MVA	477 ACSR	OH
	NYSEG	Stephentown	Stephentown	xfmr	W	2017	115/34.5	115/34.5	1	37 MVA	44MVA	Transformer	-
	NYSEG	Coopers Corners	Coopers Corners	xfmr	W	2018	345/115	345/115	1	200 MVA	220 MVA	Transformer	-
	NYSEG	Fraser	Fraser	xfmr	W	2019	345/115	345/115	1	280 MVA	300 MVA	Transformer	-
	NYSEG	Colliers	Colliers	xfmr	W	2019	115/46	115/46	1	42 MVA	55 MVA	Transformer	-
	NYSEG	Colliers	Colliers	xfmr	W	2019	115/46	115/46	1	63 MVA	75 MVA	Transformer	-
	NYSEG	Carmel	Carmel	xfmr	W	2019	115/46	115/46	1	80 MVA	96MVA	Transformer	-
	NYSEG	Oakdale 345	Oakdale 345	reconfig	W	2020	345	345	6	N/A	N/A	bus reconfiguration	-
	NYSEG	Oakdale 345	Oakdale 115/34.5	xfmr	W	2020	345	345	-	400 MVA	400 MVA	new 345/115/34.5kV LTC transformer	-
3	O & R	Ramapo	Ramapo	-	In-Service	2013	345	345	1	-	-	New Independent Relay System	-
16, 17	O & R	Ramapo	Sugarloaf	16.00	S	2014	138	345	1	1089	1298	2-1590 ACSR	OH
	O & R	New Hempstead	-	Cap Bank	S	2014	138	138	1	32 MVAR	32 MVAR	Capacitor bank	-
	O & R	Hartley	-	Cap Bank	S	2014	69	69	1	32 MVAR	32 MVAR	Capacitor bank	-
	O & R	Summit (RECO)	-	Cap Bank	W	2015	69	69	1	32 MVAR	32 MVAR	Capacitor bank	-
16	O & R	Ramapo	Sugarloaf	16.00	S	2016	345	345	1	3030	3210	2-1590 ACSR	OH
16	O & R	Sugarloaf	Sugarloaf	xfmr	S	2016	345/138	345/138	1	400 MVA	400 MVA	Transformer	OH
	O & R	Little Tor	-	Cap Bank	S	2016	138	138	1	32 MVAR	32 MVAR	Capacitor bank	-
	O & R	O&R's Line 26	Sterling Forest	xfmr	S	2016	138/69	138/69	1	175 MVA	175 MVA	Transformer	
	O & R	Burns	Corporate Drive	5.00	S	2016	138	138	1	1980	2120	1272 ACSS	OH
	O & R	North Rockland (New Station)	Lovett	xfmr	S	2018	345/138	345/138	1	400 MVA	400 MVA	Transformer	-
7	O & R/ConEd	Ramapo	Buchanan	-15.1	S	2018	345	345	1	3000	3211	2-2493 ACAR	OH
7	O & R/ConEd	Ramapo	North Rockland (New Station)	12	S	2018	345	345	1	3000	3211	2-2493 ACAR	OH
7	O & R/ConEd	North Rockland (New Station)	Buchanan	4	S	2018	345	345	1	3000	3211	2-2493 ACAR	OH
	O & R	Harings Corner (RECO)	Tappan (NY)	-	S	2015	69	69	1	-	-	Three-way switch station	OH
	O & R	West Nyack (NY)	Harings Corner (RECO)	7.00	W	2019	69	138	1	1604	1723	795 ACSS	OH
	O & R	Ramapo	Sugarloaf	17.00	W	2020	138	138	1	1980	2120	1272 ACSS	OH
	O & R	Montvale (RECO)	-	Cap Bank	S	2021	69	69	1	32 MVAR	32 MVAR	Capacitor bank	-
3	RGE	Station 180	Station 180	Cap Bank	In-Service	2013	115	115	1	10 MVAR	10 MVAR	Capacitor Bank Installation	-
3	RGE	Station 128	Station 128	Cap Bank	In-Service	2013	115	115	1	20 MVAR	20 MVAR	Capacitor Bank Installation	-
3	RGE	Station 121	Station 121	Cap Bank	In-Service	2013	115	115	1	75 MVAR	75 MVAR	Capacitor Bank (DOE)	-
3	RGE	Station 124	Station 124	Phase Shifter	In-Service	2013	115	115	2	230 MVA	230 MVA	Phase Shifter	
3	RGE	Station 124	Station 124	SVC	In-Service	2013	115	115	1	200 MVAR	200 MVAR	SVC	
	RGE	Station 69	Station 69	Cap Bank	S	2014	115	115	1	20 MVAR	20 MVAR	Capacitor Bank (DOE)	
	RGE	Station 67	Station 418	3.5	W	2014	115	115	1	1255	1255	New 115kV Line	OH
	RGE	Station 251	Station 251	xfmr	W	2014	115/34.5	115/34.5	2	30 MVA	33.8 MVA	Transformer	
	RGE	Mortimer	Station 251	1	W	2014	115	115	2	1396	1707	New 115kV Line	OH
	RGE	Station 251	Station 33	0.98	W	2014	115	115	2	1396	1707	New 115kV Line	OH
	RGE	Station 23	Station 23	xfmr	S	2015	115/34.5	115/34.5	2	75 MVA	84 MVA	Transformer	
	RGE	Station 23	Station 23	xfmr	S	2015	115/11.5/11.5	115/11.5/11.5	2	75 MVA	84 MVA	Transformer	
	RGE	Station 42	Station 23	Phase Shifter	S	2015	115	115	1	253 MVA	285 MVA	Phase Shifter	
	RGE	Station 168	Station 168	xfmr	S	2015	115/34.5	115/34.5	1	100 MVA	112 MVA	Transformer	
	RGE	Station 262	Station 262	xfmr	S	2015	115/34.5	115/34.5	1	56 MVA	63 MVA	Transformer	
	RGE	Station 33	Station 262	2.97	W	2015	115	115	1	2008	2409	Underground Cable	UG
	RGE	Station 262	Station 23	1.46	W	2015	115	115	1	2008	2409	Underground Cable	UG
	RGE	Station 255 (New Station)	Rochester	3.80	W	2016	345	345	1	2177	2662	2-795 ACSR	OH
	RGE	Station 255 (New Station)	Station 255 (New Station)	xfmr	W	2016	345/115	345/115	2	400 MVA	450 MVA	Transformer	
	RGE	Station 255 (New Station)	Station 418	9.60	W	2016	115	115	1	1506	1807	New 115kV Line	OH
	RGE	Station 255 (New Station)	Station 23	11.10	W	2016	115	115	1	1506	1807	New 115kV Line	OH+UG

Table VII-1: Proposed Transmission Facilities (cont'd)

Merchant Queue Position / Project Notes	Transmission Owner	Terminals		Line Length miles (1)	Expected In-Service Date/Yr Prior to (2)	Year	Nominal Voltage in kV Operating	Design	# of ckts	Thermal Ratings (4) Summer	Winter	Project Description / Conductor Size	Class Year / Type of Construction
	Non-Firm Plans (not included in 2014 Base Cases)												
	CHGE	E. Fishkill	Merrit Park	3.32	S	2019	115	115	1	1280	1563	1-1033 ACSR	OH
	CHGE	Fishkill Plains	East Fishkill	2.05	W	2020	115	115	1	1454	1777	1-1272 ACSR	OH
	CHGE	Knapps Corners	Myers Corners	2.88	W	2020	115	115	1	1114	1359	1-795 ACSR	OH
	CHGE	Myers Corners	Fishkill Plains	7.77	W	2020	115	115	1	1114	1359	1-795 ACSR	OH
7	LIPA	Pilgrim	West Bus	-11.74	S	2015	138	138	1	2087	2565	2493 ACAR	OH
7	LIPA	West Bus	Kings Hwy	5.74	S	2015	138	138	1	2087	2565	2493 ACAR	OH
7	LIPA	Pilgrim	Kings Hwy	6.00	S	2015	138	138	1	2087	2565	2493 ACAR	OH
9	LIPA	Riverhead	Wildwood	10.63	S	2017	138	138	1	1399	1709	1192ACSR	OH
	LIPA	Riverhead	Canal	16.40	S	2017	138	138	1	846	973	2368 KCMIL (1200 mm²) Copper XLPE	UG
13, 14	LIPA	East Garden City	Newbridge	3.84	S	2018	345	345	1	921	1117	1500 MCM	UG
13, 14	LIPA	East Garden City	Newbridge	3.90	S	2018	345	345	1	1204	1204	2000 mm2 CU	UG
6,13	LIPA	Holbrook	Sills Road	8.12	S	2018	138	138	1	2087	2565	2493 ACAR	OH
6,13	LIPA	Bethpage	Pilgrim	7.07	S	2018	138	138	1	3324	4078	2-1590ACSR	UG
13	LIPA	West Bus	Pilgrim	Phase Shifter	S	2018	138	138	1	TBD	TBD	Phase Shifter	-
13	LIPA	West Bus	Pilgrim	12.00	S	2018	138	138	1	TBD	TBD	TBD	UG
6,13	LIPA	West Bus	Sills	9.69	S	2018	138	138	1	3124	3996	2-1750 AL	OH
[154],9,13	LIPA	Pilgrim	Sagtikos	TBD	S	2019	138	138	1	TBD	TBD	TBD	UG
[154],13	LIPA	Sagtikos	West Bus	TBD	S	2019	138	138	1	TBD	TBD	TDB	UG
13	LIPA	Sagtikos	Pilgrim	Phase Shifter	S	2019	138	138	1	450 MVA	450 MVA	Phase Shifter	-
13	LIPA	Valley Stream	East Garden City	7.00	S	2019	138	138	1	TBD	TBD	TBD	TBD
13	LIPA	Sagtikos	Sagtikos	Substation	S	2019	138	138	-	-	-	Substation	-
13	LIPA	Barrett	Valley Stream	4.60	S	2019	138	138	1	915	TBD	1500 MCM	UG
13	LIPA	Shore Rd	Syosset	10.00	S	2019	138	138	1	TBD	TBD	TBD	UG
13	LIPA	Shore Rd	Syosset	Phase Shifter	S	2019	138	138	1	TBD	TBD	Phase Shifter	-
7, 13	LIPA	West Bus	Pilgrim	-12.00	S	2019	138	138	1	TBD	TBD	TBD	UG
13	LIPA	Newbridge	Bellmore	5.00	S	2020	138	138	1	TBD	TBD	TBD	UG
13	LIPA	Bellmore	Bellmore	Phase Shifter	S	2020	138	138	1	450 MVA	450 MVA	Phase Shifter	-
13	LIPA	Bellmore	Bellmore	Substation	S	2020	138	138	-	-	-	Substation	-
[337],13	LIPA	Northport	Pilgrim	8.45	S	2024	138	138	1	825	1010	2000 mm2 CU	UG
13	LIPA	Ruland	West Bus	Phase Shifter	S	TBD	138	138	1	TBD	TBD	Phase Shifter	-
13	LIPA	Ruland	West Bus	22.40	S	TBD	138	138	1	TBD	TBD	TBD	UG
7	NGRID	Greenbush	Hudson	-26.43	S	2015	115	115	1	648	800	605 ACSR, 350 CU	OH
7	NGRID	Greenbush	Klinekill Tap	20.30	S	2015	115	115	1	648	800	605 ACSR, 350 CU	OH
7	NGRID	Klinekill Tap	Hudson	6.13	S	2015	115	115	1	648	800	605 ACSR, 350 CU	OH
6	NGRID	Mohican	Battenkill	14.2	S	2015	115	115	1	TBD	TBD	Replace 14.2 miles of conductor w/min 1033.5 ACSR	OH
	NGRID	Huntley	Huntley	Cap Bank	S	2015	115	115	1	75 MVAR	75 MVAR	second Capacitor Bank	-
	NGRID	Niagara	Packard	3.40	S	2015	115	115	1	TBD	TBD	115kV line Replacement	-
	NGRID	Gardenville	Erie	0.30	S	2015	115	115	1	TBD	TBD	115kV line Reconductoring	-
	NGRID	Clay	GE	6	W	2015	115	115	1	TBD	TBD	795ACSR	OH
	NGRID	Edic 345 kV	Edic 345 kV	Reconfiguration	S	2016	345	345	1	-	-	Create new bay by adding 2 new 345kV breakers, reconnect transformer	-
	NGRID	West Golah (new station)	West Golah (new station)	New Station	S	2016	115	115	-	-	-	New 115 kV Ring Bus connecting lines 3119 and 906	-
	NGRID	Clay	Dewitt	10.24	W	2017	115	115	1	TBD	TBD	Reconductor 4/0 CU to 795ACSR	OH
6	NGRID	Luther Forest	Rotterdam	5.10	S	2017	115	115	1	TBD	TBD	Replace 5.1 miles of conductor w/min 1033.5 ACSR (Blstn TP)	OH
6	NGRID	Luther Forest	Eastover Road (New Station)	6.20	S	2017	115	115	1	TBD	TBD	Replace 6.2 miles of conductor w/min 1033.5 ACSR (#3)	OH
	NGRID	Gardenville 230 kV	Gardenville 115 kV	xfmr	S	2017	230/115	230/115	-	-	-	Replacement of two 230/115 kV stepdown with larger units	-
	NGRID	Gardenville 115 kV	Gardenville 115 kV	-	S	2017	-	-	-	-	-	Rebuild of Gardenville 115 kV station to full breaker and a half	-
6	NGRID	Mohican	Butler	3.50	S	2019	115	115	1	TBD	TBD	Replace 3.5 miles of conductor w/min 336.4 ACSR	OH
	NYPA	Gilboa	Gilboa	GSU	W	2014	345/17	345/17	1	TBD	TBD	Replacement of Blenheim-Gilboa GSU #2	-

Table VII-1: Proposed Transmission Facilities (cont'd)

Merchant Queue Position / Project Notes	Transmission Owner	Terminals		Line Length miles (1)	Expected In-Service Date/Yr Prior to (2)	Year	Nominal Voltage in kV Operating	Design	# of ckts	Thermal Ratings (4) Summer	Winter	Project Description / Conductor Size	Class Year / Type of Construction
	Non-Firm Plans (not included in 2014 Base Cases)												
	NYPA	Massena	Massena	Auto-Transformer	W	2015	765/230	765/230	2	TBD	TBD	Replacement of Two Massena 765/230 kV Auto-Transformers	-
	NYPA	Niagara	Niagara	GSU	W	2016	115/13.8	115/13.8	1	TBD	TBD	Replacement of Niagara GSU #3	-
	NYPA	ALCOA	ALCOA	6 Ring-Bus Substation	W	2016	115	115	1	TBD	TBD	Construction of a New Aloca East Six Ring-Bus Subsation	-
	NYPA	Cumberland Head	Gordon Landing	1.63	W	2017	115	230	1	TBD	TBD	Replacement of PV-20 Submarine Cable	Under Water
	NYPA	Astoria Annex	Astoria Annex	Shunt Reactor	S	2017	345	345	1	TBD	TBD	Replacement of Two Shunt Reactors at Astoria Annex 345kV Substion	-
	NYPA	Moses	Moses	GSU	W	2017	230/13.8/13.8,115/13.8/13.8	230/13.8/13.8,115/13.8/13.8	4	TBD	TBD	Replacement of St. Lawrence Hydro Unit GSUs	-
6	NYSEG	Elbridge	State Street	14.50	W	2017	115	115	1	1255	1531	Reconductor 336.4 ACSR to 1194 KCM	OH
6	O & R	Shoemaker	Pocatello	2.00	W	2019	69	69	1	1604	1723	795 ACSS	OH
6	O & R	Sugarloaf	Shoemaker	12.00	W	2021	69	138	2	1062	1141	397 ACSS	OH

Table VII-1: Proposed Transmission Facilities (cont'd)

Number	Note
1	Line Length Miles: Negative values indicate removal of Existing Circuit being tapped
2	S = Summer Peak Period W = Winter Peak Period
3	Equipment (Transformers & Capacitor Banks) is retained on this list for one year after it goes in In-Service, and then it is deleted. A Transmission Line is reflected in Table VI, when it goes In-Service.
4	Thermal Ratings in Amperes, except where labeled otherwise.
5	Firm projects are those which have been reported by TOs as being sufficiently firm and will be considered for inclusion in NYISO planning studies.
6	Reconductoring of Existing Line
7	Segmentation of Existing Circuit
8	115 kv operation as opposed to previous 46 kV operation
9	Upgrade of existing 69 kV to 138 kV operation
10	Project involves tower separation which results in the elimination of the double circuit tower contingency
11	Upgrade of existing 69 kV to 115 kV operation
12	MVAR rating +150 Capacitive to -50 Inductive
13	Contingent on future generation resources
14	Upgrade of existing 138 kV to 345 kV operation
15	An Astoria - Rainey 345kV connection is being considered in association with Merchant Project Queue #305
16	This project is part of the Transmission Owner Transmission Solutions (TOTS) approved by the NYSPSC as part of the Indian Point Energy Center Reliability Contingency Plans (Case 12-E-0503).
17	Will operate at 138kv until summer of 2016.
18	This project has a System Reliability Impact Study that has been approved by the NYISO Operating Committee, and therefore is a potential candidate to enter the next Open Class Year study.

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