2016
Load & Capacity Data

A report by

The New York Independent System Operator, Inc.

"Gold Book"

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NEW YORK INDEPENDENT SYSTEM OPERATOR

2016
LOAD & CAPACITY DATA

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OVERVIEW

This report presents the New York Independent System Operator, Inc. (NYISO) load and capacity data for the years 2016-2026. The seven sections of this *Load and Capacity Data* report (*Gold Book*) address the following topics:

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

Historic and Forecast Energy Usage and Seasonal Peak Demand

Section I of this report presents the baseline forecast, econometric forecast, and historic data on annual energy and seasonal peak demand in the New York Control Area (NYCA).[1] The baseline forecasts include the impacts of energy efficiency programs, building codes and standards, distributed energy generation, and behind-the-meter solar photovoltaic power (solar PV). The econometric forecasts only incorporate the growth due to the economy and do not account for the impacts of those programs.

The NYCA baseline summer peak demand forecast for the years 2016 through 2026 shows an annual average growth rate of 0.21%. The baseline energy forecast for the same period shows an annual average decrease of -0.16%. The NYCA summer peak demand growth rate exceeds the energy growth rate, consistent with last year's forecast and recent history. In last year's report, the annual average growth rate forecast for peak demand was 0.48% for the years 2015 through 2025, and the forecasted growth rate for annual energy in that period was 0.00%.

The energy growth rate in the 2016 forecast is slightly lower than the rate published in the 2015 *Gold Book*. The lower forecasted growth in energy usage can largely be attributed to the projected impact of energy efficiency initiatives and the growth of distributed behind-the-meter energy resources. Much of these impacts are due to New York State's energy policy programs such as the

[1] Capitalized terms not otherwise defined herein have the meaning set forth in the NYISO's Tariffs – NYISO's Market Administration and Control Area Services Tariff (Services Tariff) and NYISO's Open Access Transmission Tariff (OATT).

Clean Energy Fund (CEF), the NY-SUN Initiative, and other programs developed as part of the Reforming the Energy Vision (REV) proceeding. The NYISO expects that these and other programs currently being developed to further implement the 2015 New York State Energy Plan will continue to affect forecasted seasonal peak demand and energy usage for the foreseeable future.

The NYISO employed a two-stage process in developing load forecasts for each of the eleven zones within the NYCA. In the first stage, zonal energy and seasonal peak forecasts are based upon projections that incorporate the growth due to the economy. In the second stage, the NYISO adjusts the econometric forecasts to explicitly reflect the energy and seasonal peak impacts of energy efficiency programs, building codes and appliance efficiency standards, distributed energy resources and behind-the-meter solar PV. These forecasts are based on information about the past and projected performance of programs obtained from the New York State Department of Public Service (DPS), the New York State Energy Research and Development Authority (NYSERDA), state power authorities, electric utilities and Transmission Owners. The baseline and econometric forecasts reflect a combination of data provided by Transmission Owners for their respective territories and forecasts prepared by the NYISO.

Generation and Other Capacity Resources

Since the publication of the 2015 *Gold Book* in April 2015, there has been a reduction of 601 megawatts (MW) of summer capacity that has been deactivated, retired or otherwise removed from operation. Over the same time period, there has been an increase of 512 MW of summer capacity due to ratings changes. This resulted in a net reduction in summer capacity of 89 MW. These changes are summarized in Section II.

These changes are due to information received from certain generation owners who provided status changes since the 2015 *Gold Book.* These changes may include new generators, generators returning to service, generator outages and deactivations, the withdrawal of a notice of intent to mothball, generator uprates, and restoration to full capacity operation. There are also units that are in transitional states, such as units that have provided notice of intent to mothball but are operating under Reliability Support Services agreements.

The total resource capability in the NYCA for the summer of 2016 is 41,552 MW, which is a decrease in total resource capability of 58 MW from summer 2015. This is due to changes in existing NYCA generating capacity, changes in Special Case Resources (SCR), retirements during the summer of 2016, and changes in net purchases of capacity from other control areas. The total resource capability for 2016, minus 41 MW of retirements expected during the summer of 2016, includes:

- existing NYCA generating capacity (38,576 MW);
- SCR (1,248 MW); and
- net long-term purchases and sales with neighboring control areas (1,769 MW).

The existing NYCA generating capability includes wind generation (1,446 MW)[2] and non-wind renewable generation (413 MW including 32 MW of large-scale solar PV).

Table III-2 reports the Summer and Winter Dependable Maximum Net Capability (DMNC)[3] for each generator, along with the nameplate rating, Capacity Resource Interconnection Service (CRIS) rating and annual energy generated in the year 2015. Section III contains additional information on the generation resources by zone, fuel type and generation type.

Beyond 2016, the resource capability in the NYCA will be affected by the net effect of additions of new generation, upratings of currently operating units, and the deactivation of existing generators. Table IV-1 shows the proposed facilities that have completed, are enrolled in, or are candidates to enter a Class Year Interconnection Facilities Study, or have met other comparable milestones. Of the total reported, these generators consist of:

- 3,895 MW of natural gas or dual-fuel projects;
- 1,140 MW of wind turbine projects; and
- 47 MW of non-wind renewable energy projects.

[2] This value represents the amount of wind resources that participate in the NYISO's capacity markets.
[3] The NYISO does not specify the fuel to be used in DMNC testing.

Table IV-1 also identifies facilities that have requested an increase in CRIS totaling 334 MW. The remaining tables in Section IV report on units that have planned uprates in capacity, units that are no longer in operation, or units that have provided notice to deactivate in the future.

Section V provides a summary of NYCA load and capacity from 2015 through 2026. Information for Tables V-2a and V-2b is obtained from Tables I-1, III-2, IV-1 through IV-5, and V-1.

Transmission Facilities

Section VI lists all existing transmission facilities in the NYCA, including several new transmission facilities that came into service since the publication of the 2015 *Gold Book*. Section VII reports proposed transmission facilities that include merchant projects as well as firm and non-firm projects submitted by each Transmission Owner.

The Transmission Owners Transmission Solutions (TOTS) listed in Table VII consist of three distinct transmission projects approved by the New York State Public Service Commission (PSC) as part of the Indian Point Contingency Plan in October 2013 and are expected to be in service by summer 2016.[4] The objective of the TOTS is to increase transfer capability into Southeast New York. The approved projects in TOTS include:

- The Marcy South Series Compensation project;
- The Rock Tavern – Ramapo project; and
- The Staten Island Unbottling project.

The Marcy South Series Compensation project includes adding compensation to the Marcy South transmission corridor through the installation of series capacitors and re-conductoring the Fraser – Coopers Corners 345 kV line. The Rock Tavern – Ramapo project will add a second Rock Tavern – Ramapo 345 kV line and create a Sugarloaf 345/138 kV connection to the Orange and Rockland system. The Marcy South Series Compensation and Rock Tavern – Ramapo projects together will increase the transfer capability from upstate to downstate New York. The Staten Island Unbottling

[4] The Indian Point Contingency Plan also included 125 MW of additional demand response and combined heat and power resources to be implemented by Consolidated Edison.

project will relieve transmission constraints between Staten Island and the rest of New York City in two phases. The first phase consists of reconfiguration of two substations and is expected to be completed by June 1, 2016. The second phase consists of the forced cooling of four existing 345 kV feeders and may be discontinued depending on the status of a wheeling agreement between Consolidated Edison and PJM[5].

In response to the operational impacts resulting from the retirement of the Huntley Generating Station and mothballing of units at the Dunkirk Generating Station, National Grid is installing series reactors on the Packard-Huntley 230 kV 77/78 lines expected to be completed by mid-April 2016 and capacitor banks at the Huntley 230 kV station expected to be completed by May 2016.

[5] Per PSC Order on February 24, 2016 in Case No. 12-E-0503, authorizing Con Edison not to complete the second phase of the unbottling project if the wheeling agreement is discontinued.

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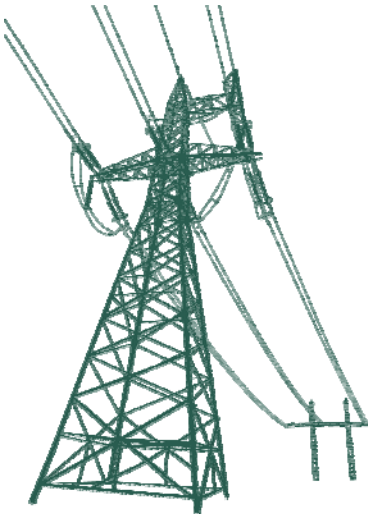
SECTION I:

ANNUAL ENERGY & PEAK DEMAND - HISTORY & FORECASTS



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Section I

This section reports the actual and forecast energy and seasonal peak demand for the NYCA and by Zone. The NYISO's baseline forecast includes the impacts of energy efficiency programs, building codes, and appliance efficiency standards (Table I-2f); solar PV (Table I-2g); and distributed energy generation (Table I-2h). These impacts are for programs and activities expected to occur in 2016 and onward. These tables report the impacts for existing installations of solar PV and distributed energy generation (DEG) together with the impacts of new installations which are projected to be installed in the future. The econometric forecasts incorporate the growth due to the economy and exclude the impacts of these programs. The actual impact of solar PV varies considerably by hour of day. The hour of the NYCA peak varies yearly. The forecast of solar PV-related reductions in summer peak reported in Table I-2g assumes that the NYCA peak occurs from 4 pm to 5 pm EDT in late July. The forecast of solar PV-related reductions in winter peak is zero because the sun has set before the assumed peak hour of 6 pm EST.

Historic data for actual annual energy and seasonal peak demand are reported in Tables I-4a through I-4c. Table I-4d reports the date and hour of the NYCA system peak for the Summer and Winter Capability periods from 1997 forward.

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Table I-1: NYCA Energy and Demand Forecasts Net of Energy Saving Impacts

2016 Long Term Forecast[1] - 2016 to 2026

Energy - GWh

Year	Low[3]	Baseline[4]	High[3]
2015		159,930	
2016	156,917	159,382	161,847
2017	156,226	158,713	161,200
2018	155,921	158,431	160,941
2019	155,569	158,099	160,629
2020	155,154	157,700	160,246
2021	154,345	156,903	159,461
2022	154,209	156,785	159,361
2023	154,201	156,795	159,389
2024	154,186	156,800	159,414
2025	154,149	156,779	159,409
2026	154,128	156,777	159,426

Summer[2] Peak Demand - MW

Year	Low[3]	Baseline[4, 5]	High[3]
2015		33,226	
2016	30,250	33,360	35,683
2017	30,227	33,363	35,708
2018	30,247	33,404	35,766
2019	30,299	33,477	35,857
2020	30,309	33,501	35,892
2021	30,345	33,555	35,960
2022	30,421	33,650	36,067
2023	30,501	33,748	36,180
2024	30,569	33,833	36,278
2025	30,645	33,926	36,385
2026	30,755	34,056	36,532

Winter[2] Peak Demand - MW

Year	Low[3]	Baseline[4]	High[3]
2015-16		24,220	
2016-17	22,841	24,445	26,049
2017-18	22,873	24,493	26,113
2018-19	22,917	24,557	26,197
2019-20	22,966	24,617	26,268
2020-21	23,009	24,670	26,331
2021-22	23,045	24,716	26,387
2022-23	23,109	24,790	26,471
2023-24	23,158	24,849	26,540
2024-25	23,218	24,922	26,626
2025-26	23,271	24,981	26,691
2026-27	23,346	25,069	26,792

Average Annual Growth - Percent

Period	Low	Baseline	High
2016-26	-0.18%	-0.16%	-0.15%
2016-21	-0.33%	-0.31%	-0.30%
2021-26	-0.03%	-0.02%	0.00%

Period	Low	Baseline	High
2016-26	0.17%	0.21%	0.24%
2016-21	0.06%	0.12%	0.15%
2021-26	0.27%	0.30%	0.32%

Period	Low	Baseline	High
2016-26	0.22%	0.25%	0.28%
2016-21	0.18%	0.22%	0.26%
2021-26	0.26%	0.28%	0.31%

Notes

1. All results in the Section I tables include transmission & distribution losses and exclude station power and other Local Generation.
2. 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.
3. The low and high forecasts are at the 10th and 90th percentiles for extreme weather conditions, respectively.
4. Energy and Peak figures for 2015 are weather-normalized. The values for the actual annual energy, summer peak, and winter peak are reported in Table I-4a.
5. The 2016 NYCA summer peak forecast is the same as the 2016 ICAP forecast.

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

Reflects Impacts of Energy Saving Programs & Behind-the-Meter Generation

Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	15,651	9,858	16,027	4,458	8,063	12,125	9,812	2,769	6,183	52,483	21,953	159,382
2017	15,587	9,823	15,986	4,525	8,091	12,150	9,748	2,751	6,144	52,152	21,756	158,713
2018	15,525	9,790	15,942	4,594	8,105	12,160	9,690	2,749	6,135	52,077	21,664	158,431
2019	15,475	9,760	15,899	4,622	8,115	12,169	9,624	2,738	6,111	51,873	21,713	158,099
2020	15,442	9,726	15,860	4,629	8,128	12,179	9,580	2,722	6,078	51,594	21,762	157,700
2021	15,411	9,698	15,836	4,631	8,129	12,189	9,530	2,687	5,995	50,889	21,908	156,903
2022	15,384	9,665	15,814	4,633	8,139	12,198	9,497	2,676	5,971	50,688	22,120	156,785
2023	15,362	9,629	15,798	4,635	8,140	12,208	9,467	2,667	5,952	50,526	22,411	156,795
2024	15,343	9,594	15,783	4,637	8,152	12,221	9,451	2,658	5,934	50,373	22,654	156,800
2025	15,330	9,561	15,772	4,639	8,162	12,230	9,426	2,651	5,916	50,219	22,873	156,779
2026	15,322	9,538	15,761	4,641	8,172	12,241	9,416	2,642	5,898	50,066	23,080	156,777

Forecast of Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	2,680	1,992	2,810	535	1,352	2,376	2,290	656	1,536	11,695	5,438	33,360
2017	2,684	1,997	2,828	543	1,358	2,391	2,293	656	1,536	11,696	5,381	33,363
2018	2,688	2,003	2,841	551	1,363	2,398	2,293	658	1,538	11,717	5,354	33,404
2019	2,692	2,006	2,855	554	1,367	2,404	2,291	660	1,544	11,756	5,348	33,477
2020	2,695	2,009	2,867	555	1,371	2,409	2,290	660	1,545	11,760	5,340	33,501
2021	2,697	2,011	2,874	555	1,374	2,414	2,294	660	1,545	11,761	5,370	33,555
2022	2,700	2,013	2,880	555	1,377	2,419	2,299	660	1,548	11,785	5,414	33,650
2023	2,702	2,015	2,886	555	1,379	2,423	2,304	662	1,551	11,807	5,464	33,748
2024	2,704	2,017	2,891	555	1,382	2,426	2,309	665	1,553	11,830	5,501	33,833
2025	2,706	2,018	2,896	555	1,384	2,430	2,314	665	1,557	11,851	5,550	33,926
2026	2,708	2,019	2,901	555	1,386	2,433	2,320	668	1,564	11,907	5,595	34,056

Forecast of Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016-17	2,334	1,573	2,623	653	1,320	1,868	1,575	529	914	7,510	3,546	24,445
2017-18	2,338	1,577	2,639	663	1,326	1,880	1,577	529	914	7,510	3,540	24,493
2018-19	2,341	1,582	2,651	673	1,330	1,886	1,577	530	915	7,524	3,548	24,557
2019-20	2,344	1,584	2,665	676	1,334	1,890	1,575	532	919	7,549	3,549	24,617
2020-21	2,346	1,587	2,675	678	1,338	1,894	1,575	532	919	7,551	3,575	24,670
2021-22	2,349	1,589	2,682	678	1,341	1,898	1,577	532	919	7,552	3,599	24,716
2022-23	2,351	1,590	2,688	678	1,344	1,901	1,581	532	921	7,567	3,637	24,790
2023-24	2,353	1,591	2,693	678	1,346	1,905	1,584	534	923	7,581	3,661	24,849
2024-25	2,355	1,593	2,698	678	1,349	1,908	1,588	536	924	7,596	3,697	24,922
2025-26	2,356	1,594	2,703	678	1,351	1,910	1,591	536	926	7,610	3,726	24,981
2026-27	2,358	1,595	2,707	678	1,353	1,913	1,595	538	931	7,646	3,755	25,069

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

Reflects Impacts of Energy Saving Programs & Behind-the-Meter Generation

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

Year	A	B	C	D	E	F	G	H	I	J	K
2016	2,719	2,022	2,838	589	1,374	2,397	2,315	687	1,549	11,795	5,478
2017	2,723	2,027	2,856	597	1,381	2,412	2,318	687	1,549	11,795	5,422
2018	2,727	2,033	2,869	606	1,385	2,420	2,318	689	1,551	11,816	5,394
2019	2,731	2,036	2,884	609	1,390	2,426	2,316	691	1,557	11,856	5,388
2020	2,734	2,040	2,895	611	1,394	2,431	2,315	691	1,558	11,860	5,380
2021	2,736	2,042	2,902	611	1,397	2,436	2,319	691	1,558	11,861	5,411
2022	2,739	2,043	2,909	611	1,400	2,440	2,324	691	1,561	11,885	5,455
2023	2,741	2,045	2,915	611	1,402	2,444	2,329	693	1,564	11,907	5,506
2024	2,743	2,047	2,920	611	1,405	2,448	2,334	696	1,566	11,930	5,543
2025	2,745	2,048	2,925	611	1,407	2,452	2,339	696	1,570	11,951	5,592
2026	2,747	2,050	2,930	611	1,409	2,455	2,346	700	1,577	12,008	5,638

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

Year	A	B	C	D	E	F	G	H	I	J	K
2016-17	2,368	1,584	2,636	660	1,346	1,875	1,583	530	919	7,600	3,573
2017-18	2,372	1,588	2,652	670	1,353	1,887	1,585	530	919	7,600	3,567
2018-19	2,375	1,593	2,664	680	1,357	1,893	1,585	531	920	7,614	3,574
2019-20	2,378	1,595	2,678	683	1,361	1,897	1,583	533	924	7,640	3,576
2020-21	2,380	1,598	2,688	685	1,365	1,901	1,583	533	924	7,642	3,602
2021-22	2,383	1,600	2,695	685	1,368	1,905	1,585	533	924	7,643	3,626
2022-23	2,385	1,601	2,701	685	1,371	1,908	1,589	533	926	7,658	3,664
2023-24	2,387	1,602	2,706	685	1,373	1,912	1,592	535	928	7,672	3,689
2024-25	2,389	1,604	2,711	685	1,376	1,915	1,596	537	929	7,687	3,724
2025-26	2,390	1,605	2,717	685	1,378	1,917	1,599	537	931	7,701	3,754
2026-27	2,392	1,606	2,721	685	1,380	1,920	1,603	539	936	7,738	3,783

Table I-2b-2: Baseline Forecast of Peak Demand in G-J Locality

Reflects Impacts of Energy Saving Programs & Behind-the-Meter Generation

Forecast of G-to-J Locality, Summer Peak - MW

Year	G	H	I	J	G-J
2016	2,307	672	1,548	11,782	16,309
2017	2,310	672	1,548	11,783	16,313
2018	2,310	674	1,550	11,804	16,338
2019	2,308	676	1,556	11,843	16,383
2020	2,307	676	1,557	11,847	16,387
2021	2,311	676	1,557	11,848	16,392
2022	2,316	676	1,560	11,873	16,425
2023	2,321	678	1,563	11,895	16,457
2024	2,326	681	1,565	11,918	16,490
2025	2,331	681	1,569	11,939	16,520
2026	2,337	684	1,576	11,996	16,593

Forecast of G-J Locality, Winter Peak - MW

Year	G	H	I	J	G-J
2016-17	1,581	530	918	7,582	10,611
2017-18	1,583	530	918	7,582	10,613
2018-19	1,583	531	919	7,596	10,629
2019-20	1,581	533	923	7,621	10,658
2020-21	1,581	533	923	7,623	10,660
2021-22	1,583	533	923	7,624	10,663
2022-23	1,587	533	925	7,640	10,685
2023-24	1,590	535	927	7,654	10,706
2024-25	1,594	537	928	7,669	10,728
2025-26	1,597	537	930	7,683	10,747
2026-27	1,601	539	935	7,719	10,794

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
2016	14	2	11	3	6	23	0	2	0	15	1	77
2017	14	2	11	3	6	23	0	2	0	15	1	77
2018	14	2	11	3	6	23	0	2	0	15	1	77
2019	14	2	11	3	6	23	0	2	0	15	1	77
2020	14	2	11	3	6	23	0	2	0	15	1	77
2021	14	2	11	3	6	23	0	2	0	15	1	77
2022	14	2	11	3	6	23	0	2	0	15	1	77
2023	14	2	11	3	6	23	0	2	0	15	1	77
2024	14	2	11	3	6	23	0	2	0	15	1	77
2025	14	2	11	3	6	23	0	2	0	15	1	77
2026	14	2	11	3	6	23	0	2	0	15	1	77

* 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
2016-17	45	1	13	3	10	2	0	2	0	1	0	77
2017-18	45	1	13	3	10	2	0	2	0	1	0	77
2018-19	45	1	13	3	10	2	0	2	0	1	0	77
2019-20	45	1	13	3	10	2	0	2	0	1	0	77
2020-21	45	1	13	3	10	2	0	2	0	1	0	77
2021-22	45	1	13	3	10	2	0	2	0	1	0	77
2022-23	45	1	13	3	10	2	0	2	0	1	0	77
2023-24	45	1	13	3	10	2	0	2	0	1	0	77
2024-25	45	1	13	3	10	2	0	2	0	1	0	77
2025-26	45	1	13	3	10	2	0	2	0	1	0	77
2026-27	45	1	13	3	10	2	0	2	0	1	0	77

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

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

Reflects Impacts of Energy Saving Programs & Behind-the-Meter Generation

90th Percentile Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	15,870	10,018	16,250	4,461	8,168	12,297	10,008	2,827	6,293	53,252	22,403	161,847
2017	15,808	9,985	16,212	4,528	8,198	12,326	9,947	2,809	6,254	52,923	22,210	161,200
2018	15,749	9,954	16,171	4,597	8,214	12,340	9,892	2,807	6,245	52,851	22,121	160,941
2019	15,701	9,926	16,131	4,625	8,226	12,352	9,828	2,796	6,221	52,647	22,176	160,629
2020	15,670	9,894	16,094	4,632	8,240	12,364	9,787	2,780	6,188	52,368	22,229	160,246
2021	15,641	9,867	16,073	4,634	8,242	12,377	9,740	2,745	6,104	51,657	22,381	159,461
2022	15,616	9,836	16,053	4,636	8,253	12,388	9,710	2,734	6,080	51,456	22,599	159,361
2023	15,596	9,801	16,039	4,638	8,255	12,400	9,683	2,725	6,061	51,294	22,897	159,389
2024	15,579	9,768	16,026	4,640	8,269	12,415	9,670	2,716	6,043	51,142	23,146	159,414
2025	15,568	9,736	16,017	4,642	8,280	12,426	9,647	2,709	6,025	50,988	23,371	159,409
2026	15,562	9,715	16,008	4,644	8,291	12,439	9,640	2,700	6,008	50,835	23,584	159,426

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	2,881	2,141	3,022	575	1,454	2,587	2,492	730	1,709	12,188	5,904	35,683
2017	2,887	2,147	3,044	584	1,461	2,605	2,496	731	1,711	12,193	5,849	35,708
2018	2,892	2,155	3,059	592	1,467	2,615	2,498	733	1,714	12,217	5,824	35,766
2019	2,897	2,159	3,076	596	1,472	2,623	2,497	736	1,721	12,259	5,821	35,857
2020	2,902	2,163	3,090	597	1,477	2,629	2,497	736	1,722	12,264	5,815	35,892
2021	2,904	2,166	3,098	597	1,481	2,636	2,503	736	1,723	12,266	5,850	35,960
2022	2,908	2,168	3,106	597	1,484	2,642	2,509	736	1,726	12,292	5,899	36,067
2023	2,911	2,171	3,113	597	1,487	2,647	2,516	738	1,730	12,315	5,955	36,180
2024	2,914	2,174	3,119	597	1,491	2,651	2,522	742	1,732	12,340	5,996	36,278
2025	2,917	2,176	3,125	597	1,493	2,656	2,528	742	1,737	12,363	6,051	36,385
2026	2,920	2,177	3,132	597	1,496	2,660	2,536	746	1,745	12,422	6,101	36,532

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016-17	2,471	1,665	2,778	701	1,398	1,978	1,667	565	977	8,025	3,824	26,049
2017-18	2,476	1,670	2,796	711	1,405	1,992	1,670	565	977	8,031	3,820	26,113
2018-19	2,481	1,676	2,811	722	1,410	1,999	1,670	567	979	8,050	3,832	26,197
2019-20	2,485	1,679	2,826	725	1,414	2,005	1,669	569	983	8,078	3,835	26,268
2020-21	2,487	1,683	2,838	728	1,419	2,009	1,669	569	983	8,081	3,865	26,331
2021-22	2,491	1,685	2,846	728	1,422	2,014	1,672	569	984	8,084	3,892	26,387
2022-23	2,494	1,687	2,853	728	1,426	2,018	1,676	569	986	8,100	3,934	26,471
2023-24	2,497	1,688	2,859	728	1,428	2,023	1,680	572	988	8,116	3,961	26,540
2024-25	2,500	1,691	2,865	728	1,432	2,027	1,685	574	989	8,133	4,002	26,626
2025-26	2,501	1,693	2,871	728	1,434	2,029	1,688	574	991	8,148	4,034	26,691
2026-27	2,504	1,694	2,876	728	1,437	2,033	1,693	576	997	8,187	4,067	26,792

Note: Energy and demand forecasts for zones at the 90th percentile are representative of weather conditions above normal in summer and below normal in winter.

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

Reflects Impacts of Energy Saving Programs & Behind-the-Meter Generation

10th Percentile Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	15,432	9,698	15,804	4,455	7,958	11,953	9,616	2,711	6,073	51,714	21,503	156,917
2017	15,366	9,661	15,760	4,522	7,984	11,974	9,549	2,693	6,034	51,381	21,302	156,226
2018	15,301	9,626	15,713	4,591	7,996	11,980	9,488	2,691	6,025	51,303	21,207	155,921
2019	15,249	9,594	15,667	4,619	8,004	11,986	9,420	2,680	6,001	51,099	21,250	155,569
2020	15,214	9,558	15,626	4,626	8,016	11,994	9,373	2,664	5,968	50,820	21,295	155,154
2021	15,181	9,529	15,599	4,628	8,016	12,001	9,320	2,629	5,886	50,121	21,435	154,345
2022	15,152	9,494	15,575	4,630	8,025	12,008	9,284	2,618	5,862	49,920	21,641	154,209
2023	15,128	9,457	15,557	4,632	8,025	12,016	9,251	2,609	5,843	49,758	21,925	154,201
2024	15,107	9,420	15,540	4,634	8,035	12,027	9,232	2,600	5,825	49,604	22,162	154,186
2025	15,092	9,386	15,527	4,636	8,044	12,034	9,205	2,593	5,807	49,450	22,375	154,149
2026	15,082	9,361	15,514	4,638	8,053	12,043	9,192	2,584	5,788	49,297	22,576	154,128

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	2,469	1,836	2,587	493	1,245	2,151	2,074	567	1,327	10,635	4,866	30,250
2017	2,472	1,839	2,602	500	1,250	2,162	2,076	566	1,326	10,628	4,806	30,227
2018	2,474	1,844	2,612	508	1,254	2,167	2,074	567	1,327	10,643	4,777	30,247
2019	2,477	1,846	2,624	510	1,257	2,170	2,071	569	1,331	10,676	4,768	30,299
2020	2,478	1,848	2,633	511	1,260	2,174	2,069	569	1,332	10,678	4,757	30,309
2021	2,479	1,849	2,639	511	1,262	2,177	2,071	569	1,331	10,676	4,781	30,345
2022	2,481	1,850	2,643	511	1,264	2,181	2,074	569	1,334	10,696	4,818	30,421
2023	2,482	1,851	2,648	511	1,266	2,183	2,078	570	1,336	10,714	4,862	30,501
2024	2,484	1,852	2,652	511	1,268	2,185	2,081	573	1,337	10,733	4,893	30,569
2025	2,485	1,853	2,655	511	1,270	2,188	2,085	572	1,340	10,751	4,935	30,645
2026	2,486	1,853	2,659	511	1,271	2,190	2,090	575	1,346	10,800	4,974	30,755

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016-17	2,197	1,481	2,468	605	1,242	1,758	1,483	493	851	6,995	3,268	22,841
2017-18	2,200	1,484	2,482	615	1,247	1,768	1,484	493	851	6,989	3,260	22,873
2018-19	2,201	1,488	2,491	624	1,250	1,773	1,484	493	851	6,998	3,264	22,917
2019-20	2,203	1,489	2,504	627	1,254	1,775	1,481	495	855	7,020	3,263	22,966
2020-21	2,205	1,491	2,512	628	1,257	1,779	1,481	495	855	7,021	3,285	23,009
2021-22	2,207	1,493	2,518	628	1,260	1,782	1,482	495	854	7,020	3,306	23,045
2022-23	2,208	1,493	2,523	628	1,262	1,784	1,486	495	856	7,034	3,340	23,109
2023-24	2,209	1,494	2,527	628	1,264	1,787	1,488	496	858	7,046	3,361	23,158
2024-25	2,210	1,495	2,531	628	1,266	1,789	1,491	498	859	7,059	3,392	23,218
2025-26	2,211	1,495	2,535	628	1,268	1,791	1,494	498	861	7,072	3,418	23,271
2026-27	2,212	1,496	2,538	628	1,269	1,793	1,497	500	865	7,105	3,443	23,346

Note: Energy and demand forecasts for zones at the 10th percentile are representative of weather conditions below normal in summer and above normal in winter.

Table I-2f: Energy Efficiency and Codes & Standards Impacts

Forecast of Reductions in Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	195	127	172	15	90	155	125	33	75	632	133	1,752
2017	410	262	367	32	193	335	272	56	124	1,055	395	3,501
2018	640	402	573	50	304	533	411	67	149	1,265	613	5,007
2019	820	518	739	65	391	683	540	76	168	1,424	799	6,223
2020	968	619	880	77	463	806	651	84	189	1,603	954	7,294
2021	1,110	717	1,016	89	531	921	763	93	211	1,789	1,072	8,312
2022	1,247	814	1,149	100	597	1,032	875	102	230	1,956	1,150	9,252
2023	1,387	914	1,285	112	664	1,146	988	111	248	2,109	1,211	10,175
2024	1,528	1,014	1,422	125	732	1,259	1,105	118	264	2,240	1,273	11,080
2025	1,669	1,115	1,560	137	801	1,373	1,221	124	279	2,372	1,336	11,987
2026	1,813	1,218	1,700	149	869	1,489	1,339	131	295	2,503	1,395	12,901

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	24	19	24	2	12	21	12	4	12	94	31	255
2017	52	40	53	4	26	47	28	11	26	202	96	585
2018	83	62	83	6	41	75	42	13	32	240	151	828
2019	104	78	105	8	52	95	55	16	34	261	201	1,009
2020	121	91	123	9	60	109	65	16	38	293	247	1,172
2021	136	103	139	11	68	122	75	18	41	315	286	1,314
2022	150	114	154	12	75	134	85	18	43	324	317	1,426
2023	163	125	169	13	82	145	95	18	44	332	345	1,531
2024	176	136	183	14	89	156	104	20	45	341	374	1,638
2025	189	148	198	15	96	168	114	20	46	351	404	1,749
2026	203	159	213	17	103	179	125	20	47	361	432	1,859

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016-17	16	13	16	1	8	14	8	4	7	60	69	216
2017-18	35	26	34	3	17	31	18	9	16	129	105	423
2018-19	55	40	54	4	27	50	27	11	19	154	137	578
2019-20	69	51	69	5	35	63	36	11	20	169	165	694
2020-21	81	60	82	6	40	73	43	13	23	187	191	800
2021-22	92	69	93	7	46	83	50	13	25	202	210	890
2022-23	102	77	104	8	51	91	58	16	25	208	227	968
2023-24	112	86	116	9	57	100	65	16	26	213	244	1,044
2024-25	123	94	127	10	62	109	73	16	27	219	261	1,121
2025-26	133	103	139	11	67	118	81	16	27	226	277	1,198
2026-27	143	112	151	12	73	127	89	16	28	232	294	1,276

Table I-2g: Solar PV Behind-the-Meter Impacts

Forecast of Reductions in Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	55	34	77	6	46	159	148	15	26	110	377	1,053
2017	89	43	124	9	67	220	201	17	30	139	511	1,450
2018	104	66	159	13	90	278	274	17	33	171	562	1,767
2019	126	86	194	16	110	336	343	20	37	202	597	2,067
2020	151	111	231	20	126	379	416	22	41	230	628	2,355
2021	177	138	269	24	143	418	489	22	44	261	647	2,632
2022	204	167	306	27	160	452	558	24	47	283	654	2,882
2023	230	194	340	30	176	481	621	26	50	315	661	3,124
2024	252	218	370	32	190	503	674	26	54	346	669	3,334
2025	270	238	394	34	201	520	717	29	58	375	676	3,512
2026	285	254	412	34	211	533	752	31	61	405	683	3,661

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	10	6	15	2	9	31	30	3	6	25	121	258
2017	14	7	20	2	13	41	37	5	8	43	173	363
2018	16	10	24	2	14	47	46	5	10	52	195	421
2019	18	12	28	3	16	52	54	5	11	62	210	471
2020	21	15	33	3	18	57	63	5	12	69	222	518
2021	24	18	37	4	20	62	71	7	13	78	231	565
2022	27	21	41	4	23	66	80	7	14	89	234	606
2023	30	24	45	4	25	69	87	7	16	101	237	645
2024	32	27	48	5	26	72	93	7	18	114	240	682
2025	34	29	51	5	28	74	98	10	20	128	243	720
2026	36	31	53	5	29	75	101	10	21	139	247	747

Note: The actual impact of solar PV varies considerably by hour of day. The hour of the NYCA coincident peak varies yearly. The solar PV peak impact reported here assumes that the NYCA coincident peak occurs from 4 pm to 5 pm EDT in late July.

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016-17	0	0	0	0	0	0	0	0	0	0	0	0
2017-18	0	0	0	0	0	0	0	0	0	0	0	0
2018-19	0	0	0	0	0	0	0	0	0	0	0	0
2019-20	0	0	0	0	0	0	0	0	0	0	0	0
2020-21	0	0	0	0	0	0	0	0	0	0	0	0
2021-22	0	0	0	0	0	0	0	0	0	0	0	0
2022-23	0	0	0	0	0	0	0	0	0	0	0	0
2023-24	0	0	0	0	0	0	0	0	0	0	0	0
2024-25	0	0	0	0	0	0	0	0	0	0	0	0
2025-26	0	0	0	0	0	0	0	0	0	0	0	0
2026-27	0	0	0	0	0	0	0	0	0	0	0	0

The winter coincident peak for behind-the-meter Solar PV is zero because the sun has set before the assumed peak hour of 6 PM EST.

Table I-2h: Distributed Generation Behind-the-Meter Impacts

Forecast of Reductions in Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	73	42	262	0	69	115	21	16	37	406	15	1,056
2017	80	45	301	0	80	134	24	19	39	417	15	1,154
2018	87	49	338	0	90	153	27	19	39	417	15	1,234
2019	93	52	369	0	99	169	30	19	41	439	15	1,326
2020	98	54	398	0	107	184	32	21	48	498	15	1,455
2021	102	56	421	0	114	196	34	25	55	555	15	1,573
2022	105	58	437	0	119	205	35	25	57	573	15	1,629
2023	106	58	445	0	121	210	36	28	60	599	15	1,678
2024	107	59	450	0	123	213	36	28	63	621	15	1,715
2025	107	59	451	0	123	214	36	30	65	638	15	1,738
2026	108	60	452	0	124	216	36	30	67	656	15	1,764

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	11	6	39	0	10	17	3	4	7	79	6	182
2017	12	7	45	0	12	20	4	4	10	102	6	222
2018	13	7	50	0	13	22	4	6	14	134	6	269
2019	14	8	54	0	14	25	5	6	15	139	6	286
2020	14	8	59	0	16	27	5	6	15	140	6	296
2021	15	9	62	0	17	29	5	6	16	148	6	313
2022	15	9	64	0	17	30	5	6	16	155	6	323
2023	16	9	66	0	18	31	5	9	17	160	6	337
2024	16	9	66	0	18	31	6	9	18	165	6	344
2025	16	9	67	0	18	31	6	9	19	169	6	350
2026	16	9	67	0	18	32	6	9	19	174	6	356

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016-17	11	6	39	0	10	17	3	4	7	79	6	182
2017-18	12	7	45	0	12	20	4	4	10	102	6	222
2018-19	13	7	50	0	13	22	4	6	14	134	6	269
2019-20	14	8	54	0	14	25	5	6	15	139	6	286
2020-21	14	8	59	0	16	27	5	6	15	140	6	296
2021-22	15	9	62	0	17	29	5	6	16	148	6	313
2022-23	15	9	64	0	17	30	5	6	16	155	6	323
2023-24	16	9	66	0	18	31	5	9	17	160	6	337
2024-25	16	9	66	0	18	31	6	9	18	165	6	344
2025-26	16	9	67	0	18	31	6	9	19	169	6	350
2026-27	16	9	67	0	18	32	6	9	19	174	6	356

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

Prior to Impacts of Energy Saving Programs & Behind-the-Meter Generation

Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	15,974	10,061	16,538	4,479	8,268	12,554	10,106	2,833	6,321	53,631	22,478	163,243
2017	16,166	10,173	16,778	4,566	8,431	12,839	10,245	2,843	6,337	53,763	22,677	164,818
2018	16,356	10,307	17,012	4,657	8,589	13,124	10,402	2,852	6,356	53,930	22,854	166,439
2019	16,514	10,416	17,201	4,703	8,715	13,357	10,537	2,853	6,357	53,938	23,124	167,715
2020	16,659	10,510	17,369	4,726	8,824	13,548	10,679	2,849	6,356	53,925	23,359	168,804
2021	16,800	10,609	17,542	4,744	8,917	13,724	10,816	2,827	6,305	53,494	23,642	169,420
2022	16,940	10,704	17,706	4,760	9,015	13,887	10,965	2,827	6,305	53,500	23,939	170,548
2023	17,085	10,795	17,868	4,777	9,101	14,045	11,112	2,832	6,310	53,549	24,298	171,772
2024	17,230	10,885	18,025	4,794	9,197	14,196	11,266	2,830	6,315	53,580	24,611	172,929
2025	17,376	10,973	18,177	4,810	9,287	14,337	11,400	2,834	6,318	53,604	24,900	174,016
2026	17,528	11,070	18,325	4,824	9,376	14,479	11,543	2,834	6,321	53,630	25,173	175,103

Forecast of Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016	2,725	2,023	2,888	539	1,383	2,445	2,335	667	1,561	11,893	5,596	34,055
2017	2,762	2,051	2,946	549	1,409	2,499	2,362	676	1,580	12,043	5,656	34,533
2018	2,800	2,082	2,998	559	1,431	2,542	2,385	682	1,594	12,143	5,706	34,922
2019	2,828	2,104	3,042	565	1,449	2,576	2,405	687	1,604	12,218	5,765	35,243
2020	2,851	2,123	3,082	567	1,465	2,602	2,423	687	1,610	12,262	5,815	35,487
2021	2,872	2,141	3,112	570	1,479	2,627	2,445	691	1,615	12,302	5,893	35,747
2022	2,892	2,157	3,139	571	1,492	2,649	2,469	691	1,621	12,353	5,971	36,005
2023	2,911	2,173	3,166	572	1,504	2,668	2,491	696	1,628	12,400	6,052	36,261
2024	2,928	2,189	3,188	574	1,515	2,685	2,512	701	1,634	12,450	6,121	36,497
2025	2,945	2,204	3,212	575	1,526	2,703	2,532	704	1,642	12,499	6,203	36,745
2026	2,963	2,218	3,234	577	1,536	2,719	2,552	707	1,651	12,581	6,280	37,018

Forecast of Coincident Winter Peak Demand by Zone- MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2016-17	2,361	1,592	2,678	654	1,338	1,899	1,586	537	928	7,649	3,621	24,843
2017-18	2,385	1,610	2,718	666	1,355	1,931	1,599	542	940	7,741	3,651	25,138
2018-19	2,409	1,629	2,755	677	1,370	1,958	1,608	547	948	7,812	3,691	25,404
2019-20	2,427	1,643	2,788	681	1,383	1,978	1,616	549	954	7,857	3,720	25,597
2020-21	2,441	1,655	2,816	684	1,394	1,994	1,623	551	957	7,878	3,772	25,766
2021-22	2,456	1,667	2,837	685	1,404	2,010	1,632	551	960	7,902	3,815	25,919
2022-23	2,468	1,676	2,856	686	1,412	2,022	1,644	554	962	7,930	3,870	26,081
2023-24	2,481	1,686	2,875	687	1,421	2,036	1,654	559	966	7,954	3,911	26,230
2024-25	2,494	1,696	2,891	688	1,429	2,048	1,667	561	969	7,980	3,964	26,387
2025-26	2,505	1,706	2,909	689	1,436	2,059	1,678	561	972	8,005	4,009	26,529
2026-27	2,517	1,716	2,925	690	1,444	2,072	1,690	563	978	8,052	4,055	26,701

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

Prior to Impacts of Energy Saving Programs & Behind-the-Meter Generation

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

Year	A	B	C	D	E	F	G	H	I	J	K
2016	2,764	2,053	2,916	593	1,405	2,466	2,360	698	1,574	11,993	5,636
2017	2,801	2,081	2,974	603	1,432	2,520	2,387	707	1,593	12,142	5,697
2018	2,839	2,112	3,026	614	1,453	2,564	2,410	713	1,607	12,242	5,746
2019	2,867	2,134	3,071	620	1,472	2,598	2,430	718	1,617	12,318	5,805
2020	2,890	2,154	3,110	623	1,488	2,624	2,448	718	1,623	12,362	5,855
2021	2,911	2,172	3,140	626	1,502	2,649	2,470	722	1,628	12,402	5,934
2022	2,931	2,187	3,168	627	1,515	2,670	2,494	722	1,634	12,453	6,012
2023	2,950	2,203	3,195	628	1,527	2,689	2,516	727	1,641	12,500	6,094
2024	2,967	2,219	3,217	630	1,538	2,707	2,537	732	1,647	12,550	6,163
2025	2,984	2,234	3,241	631	1,549	2,725	2,557	735	1,655	12,599	6,245
2026	3,002	2,249	3,263	633	1,559	2,741	2,578	739	1,664	12,682	6,323

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

Year	A	B	C	D	E	F	G	H	I	J	K
2016-17	2,395	1,603	2,691	661	1,364	1,906	1,594	538	933	7,739	3,648
2017-18	2,419	1,621	2,731	673	1,382	1,938	1,607	543	945	7,831	3,678
2018-19	2,443	1,640	2,768	684	1,397	1,965	1,616	548	953	7,902	3,717
2019-20	2,461	1,654	2,801	688	1,410	1,985	1,624	550	959	7,948	3,747
2020-21	2,475	1,666	2,829	691	1,421	2,001	1,631	552	962	7,969	3,799
2021-22	2,490	1,678	2,850	692	1,431	2,017	1,640	552	965	7,993	3,842
2022-23	2,502	1,687	2,869	693	1,439	2,029	1,652	555	967	8,021	3,897
2023-24	2,515	1,697	2,888	694	1,448	2,043	1,662	560	971	8,045	3,939
2024-25	2,528	1,707	2,904	695	1,456	2,055	1,675	562	974	8,071	3,991
2025-26	2,539	1,717	2,923	696	1,463	2,066	1,686	562	977	8,096	4,037
2026-27	2,551	1,727	2,939	697	1,471	2,079	1,698	564	983	8,144	4,083

Table I-4a: Historic Energy Usage and Coincident Peak Demand

Historic Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
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
2014	15,890	9,902	16,347	4,835	8,158	12,010	9,834	2,886	6,088	52,541	21,568	160,059
2015	15,761	9,906	16,299	4,441	8,141	12,422	10,065	2,847	6,299	53,485	21,906	161,572

Historic Summer Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
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
2014	2,227	1,617	2,574	527	1,267	2,033	2,036	584	1,333	10,567	5,017	29,782
2015	2,632	1,926	2,705	557	1,376	2,294	2,151	617	1,345	10,410	5,126	31,139

Historic Winter Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
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	25,739
2014-15	2,419	1,617	2,689	725	1,339	1,925	1,556	537	954	7,481	3,406	24,648
2015-16	2,253	1,486	2,469	667	1,307	1,861	1,496	453	889	7,274	3,164	23,319

Table I-4b: Historic Zonal Non-Coincident Peak Demand

Historic Summer Non-Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K
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
2014	2,620	1,898	2,832	552	1,410	2,300	2,052	590	1,348	10,572	5,035
2015	2,728	1,954	2,815	595	1,403	2,306	2,204	632	1,398	10,586	5,236

Historic Winter Non-Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K
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	7,532	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
2014-15	2,419	1,629	2,689	725	1,423	1,949	1,583	537	954	7,632	3,406
2015-16	2,285	1,530	2,540	704	1,314	1,895	1,546	514	907	7,362	3,189

Table I-4c: Historic Peak Demand in G-to-J Locality

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

Year	G	H	I	J	G-J
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
2014	2,046	585	1,348	10,572	14,551
2015	2,168	629	1,398	10,583	14,778

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

Year	G	H	I	J	G-J
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
2014-15	1,500	515	941	7,632	10,588
2015-16	1,524	442	896	7,297	10,159

Table I-4d: Historic NYCA System Peak Demand

New York Control Area System Peaks

Summer Peak Dates & Times

May 1 through October 31

Year	Date	Hour Ending	Summer Peak MW
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	17	33,956
2014	9/2/2014	16	29,782
2015	7/29/2015	17	31,138

* Record peaks are highlighted.

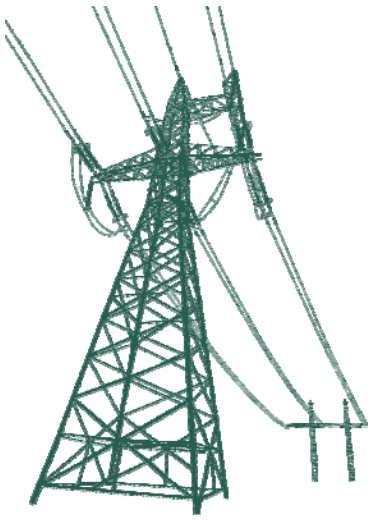
Winter Peak Dates & Times

November 1 through following April 30

Year	Date	Hour Ending	Winter Peak MW
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	19	25,738
2014-15	1/7/2015	19	24,648
2015-16	1/19/2016	19	23,317

SECTION II:

CHANGES IN GENERATING FACILITIES & GENERATION SINCE THE 2015 *GOLD BOOK*



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Section II

This section provides an overview of significant changes in generating facilities since the 2015 *Gold Book* was issued, together with a summary of changes in energy generation in the past year.

Changes in Existing Generation Since the 2015 *Gold Book*

The summer 2016 installed generating capacity of 38,576 MW in the NYCA is 89 MW less than the summer 2015 generating capacity of 38,665 MW, due to deactivations (retirements, mothballs, generator outages) and ratings changes (see Table II-1a).

Table II-1a: Summary of Changes in Summer Capacity Since 2015 – MW

Generator Fuel Types	2015 Capacity	Deactivations	Additions & Uprates	Reclassi-fications	Ratings Changes	2016 Capacity
Gas	3,781	0	0	0	7	3,788
Oil	2,660	-105	0	0	23	2,578
Gas & Oil	17,684	0	0	0	527	18,211
Coal	1,469	-452	0	0	0	1,017
Nuclear	5,400	0	0	0	2	5,402
Pumped Storage	1,407	0	0	0	-1	1,406
Hydro	4,292	-1	0	0	24	4,315
Wind	1,461	0	0	0	-15	1,446
Other	511	-43	0	0	-55	413
Total	38,665	-601	0	0	512	38,576

The winter 2016-2017 installed generating capacity of 40,995 MW in the NYCA is 18 MW less than the winter 2015-2016 generating capacity of 41,013 MW, due to deactivations and ratings changes (see Table II-1b).

Generating facilities totaling 601 MW of Summer Capability have either retired or provided notice of retirement since the publication of the 2015 *Gold Book*, as described in Table IV-3 and Table IV-5. Generator ratings are updated semi-annually for the Summer and Winter Capability periods. Additional information on existing generation is provided in Section III.

Since the publication of the 2015 *Gold Book*, no new units, units returning to service, or uprated generating facilities have been added. However, ratings changes in existing generators resulted in a net increase of 512 MW. There were no reclassifications of units from one fuel type to another.

Table II-1b: Summary of Changes in Winter Capacity Since 2015 – MW

Generator Fuel Types	2015 Capacity	Deactivations	Additions & Uprates	Reclassi-fications	Ratings Changes	2016 Capacity
Gas	4,086	0	0	0	55	4,141
Oil	3,091	-137	0	0	28	2,982
Gas & Oil	19,283	0	0	0	567	19,850
Coal	1,469	-449	0	0	12	1,032
Nuclear	5,440	0	0	0	-5	5,435
Pumped Storage	1,409	0	0	0	-5	1,404
Hydro	4,267	-1	0	0	25	4,291
Wind	1,461	0	0	0	-15	1,446
Other	507	-37	0	0	-56	414
Total	41,013	-624	0	0	606	40,995

The gas & oil fuel type is identified based upon a determination of whether or not environmental permits, pipeline connections, and/or storage tanks, as appropriate, are in place to allow for the use of the Type 2 or Type 3 fuel listed for each generating unit in Table III-2. The fuel type selection is not meant to provide any information on current fuel inventory. It should be noted that maximum capabilities on secondary fuels may be limited.

Scheduled Changes to Generation After March 15, 2016 for the Summer of 2016

Returning and exiting generation result in a net decrease in capacity of 41MW for summer 2016.

Demand Response Resources for the Summer and Winter of 2016

The projected 2016 Summer Capability for Special Case Resources (SCR) is 1,248 MW. The projected 2016 enrollment for the Emergency Demand Response Program (EDRP) is 77 MW. For winter, the SCR total 842 MW and the EDRP enrollment is 77 MW.

Total Resource Capability for the Summer and Winter of 2016

The Total Resource Capability projected for the 2016 Summer Capability period is 41,552 MW, which is comprised of the sum of existing facilities (38,576 MW), Special Case Resources (1,248 MW), Net Generation Additions (-41 MW) and Net Purchases from external areas (1,769 MW). This is a decrease of 58 MW from the 2015 value of 41,610 MW.

For the Winter Capability period, the projected Total Resource Capability is 41,438 MW, consisting of the sum of existing facilities (40,995 MW), Special Case Resources (842 MW), Net Generation Additions (-903 MW), and Net Purchases from external areas (504 MW). This is a decrease of 1,172 MW from the 2015-2016 value of 42,610 MW.

Summary of 2015 Electric Generation

In 2015, a total of 142,346 GWh was generated in the state, an increase of 0.8% above 2014, during which 141,187 GWh was generated. Renewable energy generation was 32,944 GWh in 2015 (23% of total NYCA generation), as compared to 33,205 GWh in 2014 (24%). Fossil-fueled energy generation in 2015 was 64,782 GWh (46%), as compared to 64,941 GWh in 2014 (46%). Nuclear energy generation was 44,620 GWh in 2015 (31%), as compared to 43,041 GWh in 2014 (30%).

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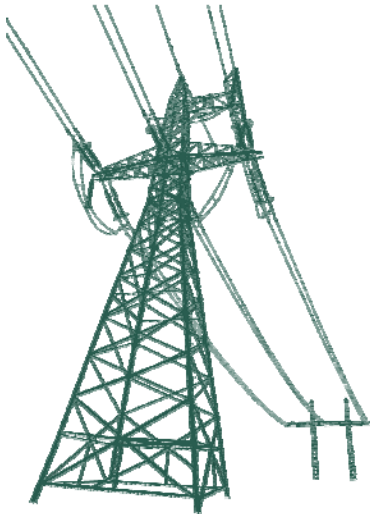
SECTION III:

EXISTING GENERATING FACILITIES
AS OF MARCH 15, 2015



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Section III

This section provides a detailed listing of all existing generating resources operating in the NYCA as of March 15, 2016. 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 Interconnection Service (CRIS) MW, summer and winter capability, and net energy generated during the preceding calendar year. This table includes the NYISO summer CRIS values[6] for generators. Generator facilities that have been deactivated since the publication of the 2015 *Gold Book* remain listed in Table III-2 for one year.

The values for the summer capability period in this *Gold Book* reflect the most recent DMNC values available. The 2016 summer Installed Capacity market will generally use DMNC values taken from the 2015 Summer Capability Period. The Winter Capability values represent the most recent DMNC values demonstrated during a Winter Capability Period. The 2016/2017 Winter Installed Capacity Market will generally use DMNC values taken from the 2015/2016 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.

[6] CRIS values, in MW of Installed Capacity, for the Summer Capability Period are established pursuant to applicable procedures contained in Attachments X, S and Z to the NYISO OATT.

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Table III-1: Existing Generating Facilities Codes and Abbreviations

FUEL TYPE

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 TYPE

CC - Combined Cycle
CG - Cogeneration
CT - Combustion Turbine Port
CW - Waste Heat Only (CC)
ES - Energy Storage
FC - Fuel Cell
GT - Combustion Turbine
HY - Conventional Hydro
IC - Internal Combustion
IG - Integrated Coal Gasificati
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
003 Allegany
005 Bronx
007 Broome
009 Cattaraugus
011 Cayuga
013 Chautauqua
015 Chemung
017 Chenango
019 Clinton
021 Columbia
023 Cortland
025 Delaware
027 Dutchess
029 Erie
031 Essex
033 Franklin
035 Fulton
037 Genesee
039 Greene
041 Hamilton
043 Herkimer
045 Jefferson
047 Kings
049 Lewis
051 Livingston
053 Madison
055 Monroe
057 Montgomery
059 Nassau
061 New York
063 Niagara
065 Oneida
067 Onondaga
069 Ontario
071 Orange
073 Orleans
075 Oswego
077 Otsego
079 Putnam
081 Queens
083 Rensselaer
085 Richmond
087 Rockland
089 St Lawrence
091 Saratoga
093 Schenectady
095 Schoharie
097 Schuyler
099 Seneca
101 Steuben
103 Suffolk
105 Sullivan
107 Tioga
109 Tompkins
111 Ulster
113 Warren
115 Washington
117 Wayne
119 Westchester
121 Wyoming
123 Yates

COUNTY CODES
PENNSYLVANIA - PA - 42

001 Adams
003 Allegheny
005 Armstrong
007 Beaver
009 Bedford
011 Berks
013 Blair
015 Bradford
017 Bucks
019 Butler
021 Cambria
023 Cameron
025 Carbon
027 Centre
029 Chester
031 Clarion
033 Clearfield
035 Clinton
037 Columbia
039 Crawford
041 Cumberland
043 Dauphin
045 Delaware
047 Elk
049 Erie
051 Fayette
053 Forest
055 Franklin
057 Fulton
059 Greene
061 Huntingdon
063 Indiana
065 Jefferson
067 Juniata
069 Lackawanna
071 Lancaster
073 Lawrence
075 Lebannon
077 Lehigh
079 Luzerne
081 Lycoming
083 McKean
085 Mercer
087 Mifflin
089 Monroe
091 Montgomery
093 Montour
095 Northhampton
097 Northumberland
099 Perry
101 Philadelphia
103 Pike
105 Potter
107 Schuylkill
109 Snyder
111 Somerset
113 Sullivan
115 Susquehanna
117 Tioga
119 Union
121 Venango
123 Warren
125 Washington
127 Wayne
129 Westmoreland
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 Town	Cnty	St	In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	WIN	DUAL	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
								YY-MM-DD	MW	MW								GWh	
Albany Energy LLC	Albany	LFGE	F	323615	Albany	001	36	1998-05-01	5.6	4.5	5.6	5.6		IC	MTE			31.4	
Astoria Energy II, LLC	Astoria Energy 2 - CC3		J	323677	Queens	081	36	2011-07-01	330.0	288.0	281.3	325.2	YES	CC	NG	FO2		3,257.7	(G)
Astoria Energy II, LLC	Astoria Energy 2 - CC4		J	323678	Queens	081	36	2011-07-01	330.0	288.0	281.3	325.2	YES	CC	NG	FO2			
Astoria Energy, LLC	Astoria East Energy - CC1		J	323581	Queens	081	36	2006-04-01	320.0	278.7	281.8	317.8	YES	CC	NG	FO2		3,501.0	(G)
Astoria Energy, LLC	Astoria East Energy - CC2		J	323582	Queens	081	36	2006-04-01	320.0	278.7	281.8	317.8	YES	CC	NG	FO2			
Astoria Generating Company L.P.	Astoria 2		J	24149	Queens	081	36	1954-03-01	180.0	177.0	172.3	166.6		ST	NG			6.5	
Astoria Generating Company L.P.	Astoria 3		J	23516	Queens	081	36	1958-09-01	376.0	369.9	377.2	377.2	YES	ST	FO6	NG		415.7	
Astoria Generating Company L.P.	Astoria 5		J	23518	Queens	081	36	1962-05-01	387.0	376.3	382.3	385.5	YES	ST	FO6	NG		478.9	
Astoria Generating Company L.P.	Astoria GT 01		J	23523	Queens	081	36	1967-07-01	16.0	15.7	14.5	18.3		GT	NG			0.5	
Astoria Generating Company L.P.	Gowanus 1-1		J	24077	Brooklyn	047	36	1971-06-01	20.0	19.1	17.7	23.8		GT	FO2			0.2	
Astoria Generating Company L.P.	Gowanus 1-2		J	24078	Brooklyn	047	36	1971-06-01	20.0	17.1	18.1	23.7		GT	FO2			0.2	
Astoria Generating Company L.P.	Gowanus 1-3		J	24079	Brooklyn	047	36	1971-06-01	20.0	17.2	16.3	22.2		GT	FO2			0.2	
Astoria Generating Company L.P.	Gowanus 1-4		J	24080	Brooklyn	047	36	1971-06-01	20.0	17.1	15.7	21.6		GT	FO2			0.1	
Astoria Generating Company L.P.	Gowanus 1-5		J	24084	Brooklyn	047	36	1971-06-01	20.0	16.5	15.9	22.4		GT	FO2			0.2	
Astoria Generating Company L.P.	Gowanus 1-6		J	24111	Brooklyn	047	36	1971-06-01	20.0	18.0	15.7	21.7		GT	FO2			0.1	
Astoria Generating Company L.P.	Gowanus 1-7		J	24112	Brooklyn	047	36	1971-06-01	20.0	17.6	16.4	21.7		GT	FO2			0.1	
Astoria Generating Company L.P.	Gowanus 1-8		J	24113	Brooklyn	047	36	1971-06-01	20.0	16.1	15.2	20.6		GT	FO2			0.1	
Astoria Generating Company L.P.	Gowanus 2-1		J	24114	Brooklyn	047	36	1971-06-01	20.0	17.9	16.9	21.3	YES	GT	FO2	NG		0.8	
Astoria Generating Company L.P.	Gowanus 2-2		J	24115	Brooklyn	047	36	1971-06-01	20.0	18.8	18.2	22.5	YES	GT	FO2	NG		0.8	
Astoria Generating Company L.P.	Gowanus 2-3		J	24116	Brooklyn	047	36	1971-06-01	20.0	20.6	19.0	23.7	YES	GT	FO2	NG		1.5	
Astoria Generating Company L.P.	Gowanus 2-4		J	24117	Brooklyn	047	36	1971-06-01	20.0	19.3	17.5	21.7	YES	GT	FO2	NG		0.9	
Astoria Generating Company L.P.	Gowanus 2-5		J	24118	Brooklyn	047	36	1971-06-01	20.0	18.6	17.5	22.7	YES	GT	FO2	NG		1.1	
Astoria Generating Company L.P.	Gowanus 2-6		J	24119	Brooklyn	047	36	1971-06-01	20.0	20.3	19.1	23.6	YES	GT	FO2	NG		1.5	
Astoria Generating Company L.P.	Gowanus 2-7		J	24120	Brooklyn	047	36	1971-06-01	20.0	19.6	19.1	23.5	YES	GT	FO2	NG		1.2	
Astoria Generating Company L.P.	Gowanus 2-8		J	24121	Brooklyn	047	36	1971-06-01	20.0	17.7	17.2	21.6	YES	GT	FO2	NG		0.8	
Astoria Generating Company L.P.	Gowanus 3-1		J	24122	Brooklyn	047	36	1971-07-01	20.0	17.7	16.5	21.7	YES	GT	FO2	NG		0.7	
Astoria Generating Company L.P.	Gowanus 3-2		J	24123	Brooklyn	047	36	1971-07-01	20.0	17.7	16.5	21.7	YES	GT	FO2	NG		0.6	
Astoria Generating Company L.P.	Gowanus 3-3		J	24124	Brooklyn	047	36	1971-07-01	20.0	19.8	17.9	23.3	YES	GT	FO2	NG		0.7	
Astoria Generating Company L.P.	Gowanus 3-4		J	24125	Brooklyn	047	36	1971-07-01	20.0	17.9	16.3	21.5	YES	GT	FO2	NG		0.5	
Astoria Generating Company L.P.	Gowanus 3-5		J	24126	Brooklyn	047	36	1971-07-01	20.0	19.0	17.0	22.3	YES	GT	FO2	NG		0.8	
Astoria Generating Company L.P.	Gowanus 3-6		J	24127	Brooklyn	047	36	1971-07-01	20.0	17.6	15.2	20.3	YES	GT	FO2	NG		0.5	
Astoria Generating Company L.P.	Gowanus 3-7		J	24128	Brooklyn	047	36	1971-07-01	20.0	18.1	17.9	23.1	YES	GT	FO2	NG		1.3	
Astoria Generating Company L.P.	Gowanus 3-8		J	24129	Brooklyn	047	36	1971-07-01	20.0	19.0	18.0	23.2	YES	GT	FO2	NG		0.7	
Astoria Generating Company L.P.	Gowanus 4-1		J	24130	Brooklyn	047	36	1971-07-01	20.0	16.8	18.8	23.7		GT	FO2			0.3	
Astoria Generating Company L.P.	Gowanus 4-2		J	24131	Brooklyn	047	36	1971-07-01	20.0	17.3	17.5	22.7		GT	FO2			0.2	
Astoria Generating Company L.P.	Gowanus 4-3		J	24132	Brooklyn	047	36	1971-07-01	20.0	17.6	17.1	22.4		GT	FO2			0.1	
Astoria Generating Company L.P.	Gowanus 4-4		J	24133	Brooklyn	047	36	1971-07-01	20.0	17.1	16.2	21.4		GT	FO2			0.1	
Astoria Generating Company L.P.	Gowanus 4-5		J	24134	Brooklyn	047	36	1971-07-01	20.0	17.1	15.7	21.9		GT	FO2			0.1	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	WIN	DUAL	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
							YY-MM-DD	MW	MW								GWh	
Astoria Generating Company L.P.	Gowanus 4-6	J	24135	Brooklyn	047	36	1971-07-01	20.0	18.6	17.5	21.9		GT	FO2			0.1	
Astoria Generating Company L.P.	Gowanus 4-7	J	24136	Brooklyn	047	36	1971-07-01	20.0	16.6	16.1	21.8		GT	FO2			0.1	
Astoria Generating Company L.P.	Gowanus 4-8	J	24137	Brooklyn	047	36	1971-07-01	20.0	19.0	16.5	22.8		GT	FO2			0.1	
Astoria Generating Company L.P.	Narrows 1-1	J	24228	Brooklyn	047	36	1972-05-01	22.0	21.0	18.5	24.0	YES	GT	KER	NG		4.8	
Astoria Generating Company L.P.	Narrows 1-2	J	24229	Brooklyn	047	36	1972-05-01	22.0	19.5	16.7	22.7	YES	GT	KER	NG		4.0	
Astoria Generating Company L.P.	Narrows 1-3	J	24230	Brooklyn	047	36	1972-05-01	22.0	20.4	18.2	23.3	YES	GT	KER	NG		3.4	
Astoria Generating Company L.P.	Narrows 1-4	J	24231	Brooklyn	047	36	1972-05-01	22.0	20.1	18.0	23.6	YES	GT	KER	NG		4.1	
Astoria Generating Company L.P.	Narrows 1-5	J	24232	Brooklyn	047	36	1972-05-01	22.0	19.8	19.0	23.5	YES	GT	KER	NG		4.6	
Astoria Generating Company L.P.	Narrows 1-6	J	24233	Brooklyn	047	36	1972-05-01	22.0	18.9	16.0	21.1	YES	GT	KER	NG		4.0	
Astoria Generating Company L.P.	Narrows 1-7	J	24234	Brooklyn	047	36	1972-05-01	22.0	18.4	16.1	20.5	YES	GT	KER	NG		3.7	
Astoria Generating Company L.P.	Narrows 1-8	J	24235	Brooklyn	047	36	1972-05-01	22.0	19.9	16.9	22.2	YES	GT	KER	NG		3.9	
Astoria Generating Company L.P.	Narrows 2-1	J	24236	Brooklyn	047	36	1972-06-01	22.0	19.4	18.4	24.4	YES	GT	KER	NG		5.9	
Astoria Generating Company L.P.	Narrows 2-2	J	24237	Brooklyn	047	36	1972-06-01	22.0	18.7	17.2	22.5	YES	GT	KER	NG		4.3	
Astoria Generating Company L.P.	Narrows 2-3	J	24238	Brooklyn	047	36	1972-06-01	22.0	18.4	17.9	23.3	YES	GT	KER	NG		4.5	
Astoria Generating Company L.P.	Narrows 2-4	J	24239	Brooklyn	047	36	1972-06-01	22.0	18.4	18.3	23.2	YES	GT	KER	NG		4.4	
Astoria Generating Company L.P.	Narrows 2-5	J	24240	Brooklyn	047	36	1972-06-01	22.0	19.9	17.6	24.0	YES	GT	KER	NG		2.6	
Astoria Generating Company L.P.	Narrows 2-6	J	24241	Brooklyn	047	36	1972-06-01	22.0	18.1	15.5	21.3	YES	GT	KER	NG		2.4	
Astoria Generating Company L.P.	Narrows 2-7	J	24242	Brooklyn	047	36	1972-06-01	22.0	20.7	18.3	24.6	YES	GT	KER	NG		3.0	
Astoria Generating Company L.P.	Narrows 2-8	J	24243	Brooklyn	047	36	1972-06-01	22.0	17.5	15.8	21.6	YES	GT	KER	NG		2.2	
Athens Generating Company, LP	Athens 1	F	23668	Athens	039	36	2004-05-01	441.0	316.6	324.4	408.7	YES	CC	NG	FO2		1,396.1	
Athens Generating Company, LP	Athens 2	F	23670	Athens	039	36	2004-05-01	441.0	315.6	323.7	408.7	YES	CC	NG	FO2		1,205.0	
Athens Generating Company, LP	Athens 3	F	23677	Athens	039	36	2004-05-01	441.0	312.8	320.6	406.1	YES	CC	NG	FO2		719.3	
Bayonne Energy Center, LLC	Bayonne EC CTG1	J	323682	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	59.9	63.2	YES	JE	NG	KER		135.4	
Bayonne Energy Center, LLC	Bayonne EC CTG2	J	323683	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	58.9	63.2	YES	JE	NG	KER		124.7	
Bayonne Energy Center, LLC	Bayonne EC CTG3	J	323684	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	60.0	63.0	YES	JE	NG	KER		120.9	
Bayonne Energy Center, LLC	Bayonne EC CTG4	J	323685	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	57.9	63.0	YES	JE	NG	KER		125.9	
Bayonne Energy Center, LLC	Bayonne EC CTG5	J	323686	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	59.9	63.2	YES	JE	NG	KER		135.6	
Bayonne Energy Center, LLC	Bayonne EC CTG6	J	323687	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	58.1	62.7	YES	JE	NG	KER		109.1	
Bayonne Energy Center, LLC	Bayonne EC CTG7	J	323688	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	58.6	63.1	YES	JE	NG	KER		121.5	
Bayonne Energy Center, LLC	Bayonne EC CTG8	J	323689	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	59.9	63.2	YES	JE	NG	KER		141.1	
Binghamton BOP, LLC	Binghamton	C	23790	Binghamton	007	36	2001-03-01	47.7	43.8	41.9	46.9	YES	CC	NG	KER		32.9	
Boralex Hydro Operations Inc	Fourth Branch	F	23824	Waterford	091	36	1987-12-01	3.3	3.5	3.3	3.3		HY	WAT			13.3	
Boralex Hydro Operations Inc	NYS Dam	F	23527	Waterford	091	36	1990-12-01	11.4	11.3	11.4	11.4		HY	WAT			41.9	
Boralex Hydro Operations Inc	Sissonville	E	23735	Potsdam	089	36	1990-08-01	3.1	3.0	3.1	3.1		HY	WAT			13.1	
Boralex Hydro Operations Inc	Warrensburg	F	23737	Warrensburg	113	36	1988-12-01	2.9	3.0	2.9	2.9		HY	WAT			10.9	
Calpine Energy Services LP	Bethpage	K	23823	Hicksville	059	36	1989-09-01	83.6	54.9	51.5	60.0		CC	NG			324.0	
Calpine Energy Services LP	Bethpage GT4	K	323586	Hicksville	059	36	2002-07-01	60.0	48.2	44.4	48.1		GT	NG			168.4	
Calpine Energy Services LP	KIAC_JFK_GT1	J	23816	Jamaica	081	36	1995-02-01	60.6	58.7	60.6	61.0	YES	CC	NG	FO2		713.2	(G)

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	WIN	DUAL	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
							YY-MM-DD	MW	MW								GWh	
Calpine Energy Services LP	KIAC_JFK_GT2	J	23817	Jamaica	081	36	1995-02-01	60.6	58.3	58.8	60.4	YES	CC	NG	FO2			
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			261.0	
Canastota Windpower LLC	Fenner Wind Power	C	24204	Fenner	053	36	2001-12-01	30.0	0.0	0.0	0.0		WT	WND			67.4	
Carr Street Generating Station LP	Carr St.-E. Syr	C	24060	Dewitt	067	36	1993-08-01	122.6	89.0	88.0	103.4	YES	CC	NG	FO2		307.3	
Castleton Power, LLC	Castleton Energy Center	F	23900	Castleton	083	36	1992-01-01	72.0	67.0	61.0	71.8	YES	CC	NG	FO2		283.8	
Cayuga Operating Company, LLC	Cayuga 1	C	23584	Lansing	109	36	1955-09-01	155.3	154.1	150.1	152.3		ST	BIT			94.4	(S)
Cayuga Operating Company, LLC	Cayuga 2	C	23585	Lansing	109	36	1958-10-01	167.2	154.7	150.4	156.8		ST	BIT			434.7	(S)
Cayuga Operating Company, LLC	Cayuga IC 1	C	23629	Lansing	109	36	1967-08-01	2.8	0.0	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	0.0	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	19.6	23.6	YES	GT	KER	NG		0.1	
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	7.4	7.9		ST	REF			43.8	
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	19.8	19.0	23.5		GT	KER			0.1	
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			6.6	
CHI Energy Inc	Goodyear Lake	E	323669	Milford	077	36	1980-07-01	1.4	1.4	0.0	0.0		HY	WAT			3.5	
Consolidated Edison Co. of NY, Inc.	59 St. GT 1	J	24138	Manhattan	061	36	1969-06-01	17.1	15.4	14.9	15.0	YES	GT	KER	NG		0.0	
Consolidated Edison Co. of NY, Inc.	74 St. GT 1	J	24260	Manhattan	061	36	1968-10-01	18.5	19.0	17.9	22.1		GT	KER			0.2	
Consolidated Edison Co. of NY, Inc.	74 St. GT 2	J	24261	Manhattan	061	36	1968-10-01	18.5	20.1	19.8	22.1		GT	KER			0.2	
Consolidated Edison Co. of NY, Inc.	Brooklyn Navy Yard	J	23515	Brooklyn	047	36	1996-11-01	322.0	266.9	260.3	301.8	YES	CC	NG	FO2		1,866.0	
Consolidated Edison Co. of NY, Inc.	East River 1	J	323558	Manhattan	061	36	2005-04-01	185.0	150.5	150.9	192.1	YES	CC	NG	KER		1,169.5	
Consolidated Edison Co. of NY, Inc.	East River 2	J	323559	Manhattan	061	36	2005-04-05	185.0	152.4	151.8	182.8	YES	CC	NG	KER		1,062.9	
Consolidated Edison Co. of NY, Inc.	East River 6	J	23660	Manhattan	061	36	1951-11-01	156.2	134.3	141.7	140.4	YES	ST	NG	FO6		558.0	
Consolidated Edison Co. of NY, Inc.	East River 7	J	23524	Manhattan	061	36	1955-06-01	200.0	184.7	184.9	184.1	YES	ST	NG	FO6		137.4	
Consolidated Edison Co. of NY, Inc.	Hudson Ave 3	J	23810	Brooklyn	047	36	1970-07-01	16.3	16.0	13.8	18.1		GT	KER			0.1	
Consolidated Edison Co. of NY, Inc.	Hudson Ave 4	J	23540	Brooklyn	047	36	1970-07-01	16.3	13.9	13.5	17.2		GT	KER			0.1	
Consolidated Edison Co. of NY, Inc.	Hudson Ave 5	J	23657	Brooklyn	047	36	1970-07-01	16.3	15.1	14.4	18.9		GT	KER			0.1	
Consolidated Edison Energy, Inc.	Broome 2 LFGE	C	323671	Binghamton	007	36	2013-01-31	2.3	2.0	2.0	2.0		IC	MTE			17.8	
Consolidated Edison Energy, Inc.	Fortistar - N.Tonawanda	A	24026	N Tonawanda	029	36	1993-06-01	55.3	57.0	57.8	62.3	YES	CC	NG	FO2		42.2	
Consolidated Edison Energy, Inc.	Massena	D	23902	Massena	089	36	1992-07-01	102.1	82.2	81.1	92.3	YES	CC	NG	FO2		3.2	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	WIN	DUAL	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
							YY-MM-DD	MW	MW								GWh	
Consolidated Edison Energy, Inc.	Munnsville Wind Power	E	323609	Bouckville	053	36	2007-08-20	34.5	34.5	34.5	34.5		WT	WND			91.3	
Consolidated Edison Energy, Inc.	Rensselaer	F	23796	Rensselaer	083	36	1993-12-01	96.9	79.0	77.0	82.7	YES	CC	NG	FO2		44.3	
Consolidated Edison Energy, Inc.	Roseton 1	G	23587	Newburgh	071	36	1974-12-01	621.0	614.8	600.5	611.7	YES	ST	FO6	NG	FO2	236.5	
Consolidated Edison Energy, Inc.	Roseton 2	G	23588	Newburgh	071	36	1974-09-01	621.0	605.7	596.3	602.5	YES	ST	FO6	NG	FO2	240.6	
Consolidated Hydro New York, Inc.	Groveville Hydro	G	323602	Beacon	027	36	1983-12-01	0.9	0.9	0.0	0.0		HY	WAT			1.4	
Consolidated Hydro New York, Inc.	Walden Hydro	G	24148	Walden	071	36	1983-12-01	2.4		0.0	0.0		HY	WAT			3.6	
Covanta Niagara, LP	American Ref-Fuel 1	A	24010	Niagara	063	36	1993-05-01	25.0	19.6	17.1	17.5		ST	REF			223.4	(G)
Covanta Niagara, LP	American Ref-Fuel 2	A	24010	Niagara	063	36	1993-05-01	25.0	19.6	17.1	17.5		ST	REF				
Danskammer Energy, LLC	Danskammer 1	G	23586	Newburgh	071	36	1951-12-01	72.0	69.0	68.2	65.7	YES	ST	NG	FO6		1.4	
Danskammer Energy, LLC	Danskammer 2	G	23589	Newburgh	071	36	1954-09-01	73.5	64.7	64.5	64.2	YES	ST	NG	FO6		3.4	
Danskammer Energy, LLC	Danskammer 3	G	23590	Newburgh	071	36	1959-10-01	147.1	139.2	139.3	137.5		ST	NG			17.1	
Danskammer Energy, LLC	Danskammer 4	G	23591	Newburgh	071	36	1967-09-01	239.4	238.2	212.2	224.5		ST	NG			12.8	
Dynegy Marketing and Trade, LLC	Independence	C	23970	Scriba	075	36	1994-11-01	1,254.0	954.4	921.2	1,126.4		CC	NG			6,478.7	
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			6.7	(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	10.6	10.2		HY	WAT			13.2	
Eagle Creek Hydro Power, LLC	Swinging Bridge 2	G	23641	Forestburg	105	36	1930-02-01	7.0	7.9	6.2	7.0		HY	WAT			6.5	
East Coast Power, LLC	Linden Cogen	J	23786	Linden NJ	039	34	1992-05-01	974.1	755.3	761.5	800.0	YES	CC	NG	BUT		3,501.8	
Empire Generating Co, LLC	EMPIRE_CC_1	F	323656	Rensselaer	083	36	2010-09-02	335.0	294.2	290.5	338.9	YES	CC	NG	FO2		1,662.0	
Empire Generating Co, LLC	EMPIRE_CC_2	F	323658	Rensselaer	083	36	2010-09-02	335.0	298.2	291.2	338.8	YES	CC	NG	FO2		1,609.8	
Entergy Nuclear Power Marketing LLC	Fitzpatrick 1	C	23598	Scriba	075	36	1975-07-01	882.0	858.9	852.9	853.3		NB	UR			7,382.2	
Entergy Nuclear Power Marketing LLC	Indian Point 2	H	23530	Buchanan	119	36	1973-08-01	1,070.0	1,026.5	1,012.1	1,030.2		NP	UR			8,811.9	
Entergy Nuclear Power Marketing LLC	Indian Point 3	H	23531	Buchanan	119	36	1976-04-01	1,080.0	1,040.4	1,039.4	1,040.9		NP	UR			7,609.4	
Erie Blvd. Hydro - Beaver River	Belfort 1	E	24048	Belfort	049	36	1903-01-01	0.4	0.4	0.4	0.4		HY	WAT			1.7	
Erie Blvd. Hydro - Beaver River	Belfort 2	E	24048	Belfort	049	36	1915-01-01	0.6	0.6	0.6	0.6		HY	WAT			3.0	
Erie Blvd. Hydro - Beaver River	Belfort 3	E	24048	Belfort	049	36	1918-01-01	1.0	1.0	1.0	1.0		HY	WAT			3.8	
Erie Blvd. Hydro - Beaver River	Eagle 1	E	24048	Watson	049	36	1914-01-01	1.3	1.2	1.3	1.3		HY	WAT			6.4	
Erie Blvd. Hydro - Beaver River	Eagle 2	E	24048	Watson	049	36	1915-01-01	1.4	1.3	1.4	1.4		HY	WAT			4.1	
Erie Blvd. Hydro - Beaver River	Eagle 3	E	24048	Watson	049	36	1919-01-01	1.4	1.3	1.4	1.4		HY	WAT			3.9	
Erie Blvd. Hydro - Beaver River	Eagle 4	E	24048	Watson	049	36	1925-01-01	2.1	2.0	2.1	2.1		HY	WAT			13.3	
Erie Blvd. Hydro - Beaver River	Effley 1	E	24048	Belfort	049	36	1902-01-01	0.4	0.3	0.4	0.4		HY	WAT			1.5	
Erie Blvd. Hydro - Beaver River	Effley 2	E	24048	Belfort	049	36	1907-01-01	0.4	0.3	0.4	0.4		HY	WAT			1.0	
Erie Blvd. Hydro - Beaver River	Effley 3	E	24048	Belfort	049	36	1910-01-01	0.6	0.5	0.6	0.6		HY	WAT			3.2	
Erie Blvd. Hydro - Beaver River	Effley 4	E	24048	Belfort	049	36	1923-01-01	1.6	1.5	1.6	1.6		HY	WAT			7.3	
Erie Blvd. Hydro - Beaver River	Elmer 1	E	24048	Belfort	049	36	1916-01-01	0.8	0.9	0.8	0.8		HY	WAT			5.0	
Erie Blvd. Hydro - Beaver River	Elmer 2	E	24048	Belfort	049	36	1916-01-01	0.8	0.9	0.8	0.8		HY	WAT			4.4	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	WIN	DUAL	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
								YY-MM-DD	MW	MW								GWh	
Erie Blvd. Hydro - Beaver River	High Falls	1	E	24048	Indian River	049	36	1925-01-01	1.6	1.9	1.6	1.6		HY	WAT			6.7	
Erie Blvd. Hydro - Beaver River	High Falls	2	E	24048	Indian River	049	36	1925-01-01	1.6	1.9	1.6	1.6		HY	WAT			4.0	
Erie Blvd. Hydro - Beaver River	High Falls	3	E	24048	Indian River	049	36	1925-01-01	1.6	1.9	1.6	1.6		HY	WAT			14.8	
Erie Blvd. Hydro - Beaver River	Moshier	1	E	24048	Belfort	043	36	1929-01-01	4.0	4.0	4.0	4.0		HY	WAT			20.5	
Erie Blvd. Hydro - Beaver River	Moshier	2	E	24048	Belfort	043	36	1929-01-01	4.0	4.0	4.0	4.0		HY	WAT			11.2	
Erie Blvd. Hydro - Beaver River	Soft Maple	1	E	24048	Croghan	049	36	1925-01-01	7.5	8.0	7.5	7.5		HY	WAT			22.1	
Erie Blvd. Hydro - Beaver River	Soft Maple	2	E	24048	Croghan	049	36	1925-01-01	7.5	8.0	7.5	7.5		HY	WAT			9.5	
Erie Blvd. Hydro - Beaver River	Taylorville	1	E	24048	Belfort	049	36	1913-01-01	1.1	1.0	1.1	1.1		HY	WAT			5.4	
Erie Blvd. Hydro - Beaver River	Taylorville	2	E	24048	Belfort	049	36	1913-01-01	1.1	1.0	1.1	1.1		HY	WAT			3.4	
Erie Blvd. Hydro - Beaver River	Taylorville	3	E	24048	Belfort	049	36	1913-01-01	1.1	1.0	1.1	1.1		HY	WAT			3.8	
Erie Blvd. Hydro - Beaver River	Taylorville	4	E	24048	Belfort	049	36	1927-01-01	1.2	1.1	1.2	1.2		HY	WAT			7.2	
Erie Blvd. Hydro - Black River	Beebee Island	1	E	24047	Watertown	045	36	1963-01-01	4.0	4.4	4.0	4.0		HY	WAT			11.3	
Erie Blvd. Hydro - Black River	Beebee Island	2	E	24047	Watertown	045	36	1968-01-01	4.0	4.4	4.0	4.0		HY	WAT			31.0	
Erie Blvd. Hydro - Black River	Black River	1	E	24047	Black River	045	36	1920-01-01	2.0	2.3	2.0	2.0		HY	WAT			8.0	
Erie Blvd. Hydro - Black River	Black River	2	E	24047	Black River	045	36	1920-01-01	2.0	2.3	2.0	2.0		HY	WAT			16.9	
Erie Blvd. Hydro - Black River	Black River	3	E	24047	Black River	045	36	1920-01-01	2.0	2.3	2.0	2.0		HY	WAT			5.5	
Erie Blvd. Hydro - Black River	Deferiet	1	E	24047	Deferiet	045	36	1925-01-01	3.6	3.7	3.6	3.6		HY	WAT			12.7	
Erie Blvd. Hydro - Black River	Deferiet	2	E	24047	Deferiet	045	36	1925-01-01	3.6	3.7	3.6	3.6		HY	WAT			24.5	
Erie Blvd. Hydro - Black River	Deferiet	3	E	24047	Deferiet	045	36	1925-01-01	3.6	3.7	3.6	3.6		HY	WAT			7.0	
Erie Blvd. Hydro - Black River	Herrings	1	E	24047	Herrings	045	36	1924-01-01	1.8	1.8	1.8	1.8		HY	WAT			3.9	
Erie Blvd. Hydro - Black River	Herrings	2	E	24047	Herrings	045	36	1924-01-01	1.8	1.8	1.8	1.8		HY	WAT			8.6	
Erie Blvd. Hydro - Black River	Herrings	3	E	24047	Herrings	045	36	1924-01-01	1.8	1.8	1.8	1.8		HY	WAT			3.1	
Erie Blvd. Hydro - Black River	Kamargo	1	E	24047	Black River	045	36	1921-01-01	1.8	1.8	1.8	1.8		HY	WAT			5.7	
Erie Blvd. Hydro - Black River	Kamargo	2	E	24047	Black River	045	36	1921-01-01	1.8	1.8	1.8	1.8		HY	WAT			4.8	
Erie Blvd. Hydro - Black River	Kamargo	3	E	24047	Black River	045	36	1921-01-01	1.8	1.8	1.8	1.8		HY	WAT			2.5	
Erie Blvd. Hydro - Black River	Sewalls	1	E	24047	Watertown	045	36	1925-01-01	1.0	1.1	1.0	1.0		HY	WAT			2.8	
Erie Blvd. Hydro - Black River	Sewalls	2	E	24047	Watertown	045	36	1925-01-01	1.0	1.1	1.0	1.0		HY	WAT			3.6	
Erie Blvd. Hydro - East Canada Capital	Beardslee	1	F	24051	Little Falls	043	36	1924-01-01	10.0	9.5	10.0	10.0		HY	WAT			26.7	
Erie Blvd. Hydro - East Canada Capital	Beardslee	2	F	24051	Little Falls	043	36	1924-01-01	10.0	9.5	10.0	10.0		HY	WAT			14.7	
Erie Blvd. Hydro - East Canada Capital	Ephratah	1	F	24051	Caroga Lake	035	36	1920-01-01	1.4	0.7	1.4	1.4		HY	WAT			1.0	
Erie Blvd. Hydro - East Canada Capital	Ephratah	2	F	24051	Caroga Lake	035	36	1911-01-01	1.2	0.6	1.2	1.2		HY	WAT			4.5	
Erie Blvd. Hydro - East Canada Capital	Ephratah	3	F	24051	Caroga Lake	035	36	1911-01-01	1.3		0.0	0.0		HY	WAT			0.0	
Erie Blvd. Hydro - East Canada Capital	Ephratah	4	F	24051	Caroga Lake	035	36	1911-01-01	1.3	0.7	1.3	1.3		HY	WAT			5.7	
Erie Blvd. Hydro - East Canada Mohawk	Inghams	1	E	24050	Little Falls	043	36	1912-01-01	3.2	3.5	3.2	3.2		HY	WAT			8.5	
Erie Blvd. Hydro - East Canada Mohawk	Inghams	2	E	24050	Little Falls	043	36	1912-01-01	3.2	3.5	3.2	3.2		HY	WAT			12.1	
Erie Blvd. Hydro - Lower Hudson	Johnsonville	1	F	24059	Johnsonville	083	36	1909-01-01	1.2	1.3	1.2	1.2		HY	WAT			0.0	
Erie Blvd. Hydro - Lower Hudson	Johnsonville	2	F	24059	Johnsonville	083	36	1909-01-01	1.2	1.3	1.2	1.2		HY	WAT			4.9	
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			6.3	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	WIN	DUAL	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
							YY-MM-DD	MW	MW								GWh	
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			9.7	
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			18.7	
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			11.9	
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			32.6	
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			29.0	
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			27.8	
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			19.6	
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			14.0	
Erie Blvd. Hydro - Lower Hudson	Schuylerville	F	24059	Schuylerville	091	36	1919-01-01	1.2	1.5	1.2	1.2		HY	WAT			6.3	
Erie Blvd. Hydro - Lower Raquette	Colton 1	E	24057	Colton	089	36	1962-01-01	10.0	10.0	10.0	10.0		HY	WAT			52.2	
Erie Blvd. Hydro - Lower Raquette	Colton 2	E	24057	Colton	089	36	1918-01-01	10.0	10.0	10.0	10.0		HY	WAT			59.9	
Erie Blvd. Hydro - Lower Raquette	Colton 3	E	24057	Colton	089	36	1928-01-01	10.0	10.0	10.0	10.0		HY	WAT			67.1	
Erie Blvd. Hydro - Lower Raquette	East Norfolk	E	24057	East Norfolk	089	36	1928-01-01	3.6	4.0	3.6	3.6		HY	WAT			22.2	
Erie Blvd. Hydro - Lower Raquette	Hannawa Falls 1	E	24057	Hannawa Falls	089	36	1914-01-01	3.6	3.7	3.6	3.6		HY	WAT			21.5	
Erie Blvd. Hydro - Lower Raquette	Hannawa Falls 2	E	24057	Hannawa Falls	089	36	1920-01-01	3.6	3.7	3.6	3.6		HY	WAT			16.8	
Erie Blvd. Hydro - Lower Raquette	Higley 1	E	24057	Colton	089	36	1913-01-01	1.2	1.1	1.2	1.2		HY	WAT			8.6	
Erie Blvd. Hydro - Lower Raquette	Higley 2	E	24057	Colton	089	36	1913-01-01	1.2	1.1	1.2	1.2		HY	WAT			6.4	
Erie Blvd. Hydro - Lower Raquette	Higley 3	E	24057	Colton	089	36	1943-01-01	2.1	2.0	2.1	2.1		HY	WAT			9.8	
Erie Blvd. Hydro - Lower Raquette	Higley 4	E	24057	Colton	089	36	1943-01-01	2.1	2.0	2.1	2.1		HY	WAT			7.0	
Erie Blvd. Hydro - Lower Raquette	Norfolk	E	24057	Norfolk	089	36	1928-01-01	4.5	4.8	4.5	4.5		HY	WAT			24.6	
Erie Blvd. Hydro - Lower Raquette	Norwood	E	24057	Norwood	089	36	1928-01-01	2.0	2.2	2.0	2.0		HY	WAT			13.0	
Erie Blvd. Hydro - Lower Raquette	Raymondville	E	24057	Raymondville	089	36	1928-01-01	2.0	2.1	2.0	2.0		HY	WAT			11.1	
Erie Blvd. Hydro - Lower Raquette	Sugar Island 1	E	24057	Potsdam	089	36	1924-01-01	2.6	2.1	2.6	2.6		HY	WAT			11.2	
Erie Blvd. Hydro - Lower Raquette	Sugar Island 2	E	24057	Potsdam	089	36	1924-01-01	2.4	2.0	2.4	2.4		HY	WAT			14.1	
Erie Blvd. Hydro - Lower Raquette	Yaleville 1	E	24057	Norwood	089	36	1940-01-01	0.5	0.2	0.5	0.5		HY	WAT			2.1	
Erie Blvd. Hydro - Lower Raquette	Yaleville 2	E	24057	Norwood	089	36	1940-01-01	0.2	0.3	0.7	0.2		HY	WAT			1.2	
Erie Blvd. Hydro - North Salmon	Allens Falls	D	24042	Allens Falls	089	36	1927-01-01	4.4	5.0	4.4	4.4		HY	WAT			21.8	
Erie Blvd. Hydro - North Salmon	Chasm 1	D	24042	Chateaugay	033	36	1913-01-01	1.0	1.1	1.0	1.0		HY	WAT			1.0	
Erie Blvd. Hydro - North Salmon	Chasm 2	D	24042	Chateaugay	033	36	1913-01-01	1.0	1.1	1.0	1.0		HY	WAT			4.7	
Erie Blvd. Hydro - North Salmon	Chasm 3	D	24042	Chateaugay	033	36	1926-01-01	1.4	1.6	1.4	1.4		HY	WAT			7.3	
Erie Blvd. Hydro - North Salmon	Franklin 1	D	24042	Franklin	033	36	1911-01-01	1.1	1.1	1.1	1.1		HY	WAT			6.1	
Erie Blvd. Hydro - North Salmon	Franklin 2	D	24042	Franklin	033	36	1926-01-01	1.1	1.1	1.1	1.1		HY	WAT			3.0	
Erie Blvd. Hydro - North Salmon	Hogansburg (RET - 3/17/15)	D	24042	Hogansburg	033	36	1930-01-01	0.7	0.3	0.0	0.0		HY	WAT			0.2	(1) (R)
Erie Blvd. Hydro - North Salmon	Macomb	D	24042	Malone	033	36	1940-01-01	1.0	0.9	1.0	1.0		HY	WAT			5.0	
Erie Blvd. Hydro - North Salmon	Parishville	D	24042	Parishville	089	36	1925-01-01	2.4	2.3	2.4	2.4		HY	WAT			12.2	
Erie Blvd. Hydro - North Salmon	Piercefield 1	D	24042	Piercefield	089	36	1957-01-01	1.5	1.6	1.5	1.5		HY	WAT			8.7	
Erie Blvd. Hydro - North Salmon	Piercefield 2	D	24042	Piercefield	089	36	1924-01-01	0.6	0.6	0.6	0.6		HY	WAT			3.2	
Erie Blvd. Hydro - North Salmon	Piercefield 3	D	24042	Piercefield	089	36	1924-01-01	0.6	0.6	0.6	0.6		HY	WAT			2.7	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	2016 Capability (B) MW WIN	DUAL	Unit Type	Fuel (U) Type 1	Fuel (U) Type 2	Fuel (U) Type 3	2015 Net Energy	Notes
								YY-MM-DD	MW	MW								GWh	
Erie Blvd. Hydro - NYS Barge	Hydraulic Race		A	23848	Lockport	063	36	1942-01-01	4.7	3.1	4.7	4.7		HY	WAT			9.7	
Erie Blvd. Hydro - Oak Orchard	Glenwood 1		B	24046	Medina	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	Medina	073	36	1950-01-01	0.5	0.5	0.5	0.5		HY	WAT			2.5	
Erie Blvd. Hydro - Oak Orchard	Glenwood 3		B	24046	Medina	073	36	1950-01-01	0.5	0.5	0.5	0.5		HY	WAT			0.7	
Erie Blvd. Hydro - Oak Orchard	Oak Orchard		B	24046	Waterport	073	36	1941-01-01	0.4	0.3	0.4	0.4		HY	WAT			1.1	
Erie Blvd. Hydro - Oak Orchard	Waterport 1		B	24046	Waterport	073	36	1941-01-01	2.3	1.6	2.3	2.3		HY	WAT			3.5	
Erie Blvd. Hydro - Oak Orchard	Waterport 2		B	24046	Waterport	073	36	1968-01-01	2.5	1.8	2.5	2.5		HY	WAT			6.6	
Erie Blvd. Hydro - Oswegatchie	Browns Falls 1		E	24044	Oswegatchie	089	36	1923-01-01	7.5	8.0	7.5	7.5		HY	WAT			24.3	
Erie Blvd. Hydro - Oswegatchie	Browns Falls 2		E	24044	Oswegatchie	089	36	1923-01-01	7.5	8.0	7.5	7.5		HY	WAT			17.4	
Erie Blvd. Hydro - Oswegatchie	Eel Weir 1		E	24044	Heuvelton	089	36	1928-01-01	0.5	0.3	0.5	0.5		HY	WAT			1.8	
Erie Blvd. Hydro - Oswegatchie	Eel Weir 2		E	24044	Heuvelton	089	36	1938-01-01	1.1	0.8	1.1	1.1		HY	WAT			1.8	
Erie Blvd. Hydro - Oswegatchie	Eel Weir 3		E	24044	Heuvelton	089	36	1938-01-01	1.1	0.8	1.1	1.1		HY	WAT			4.1	
Erie Blvd. Hydro - Oswegatchie	Flat Rock 1		E	24044	Flat Rock	089	36	1924-01-01	3.0	2.6	3.0	3.0		HY	WAT			9.4	
Erie Blvd. Hydro - Oswegatchie	Flat Rock 2		E	24044	Flat Rock	089	36	1924-01-01	3.0	2.6	3.0	3.0		HY	WAT			3.8	
Erie Blvd. Hydro - Oswegatchie	Heuvelton 1		E	24044	Heuvelton	089	36	1924-01-01	0.5	0.4	0.5	0.5		HY	WAT			2.3	
Erie Blvd. Hydro - Oswegatchie	Heuvelton 2		E	24044	Heuvelton	089	36	1924-01-01	0.5	0.4	0.5	0.5		HY	WAT			2.2	
Erie Blvd. Hydro - Oswegatchie	Lower Newton Falls 1		E	24044	Newton Falls	089	36	2002-07-01	0.5	0.6	0.5	0.5		HY	WAT			2.0	
Erie Blvd. Hydro - Oswegatchie	Oswegatchie 1		E	24044	Oswegatchie	089	36	1937-01-01	0.6	1.3	0.6	0.6		HY	WAT			3.1	
Erie Blvd. Hydro - Oswegatchie	Oswegatchie 2		E	24044	Oswegatchie	089	36	1937-01-01	0.2	0.5	0.2	0.2		HY	WAT			2.7	
Erie Blvd. Hydro - Oswegatchie	South Edwards 1		E	24044	South Edwards	089	36	1937-01-01	1.0	1.2	1.0	1.0		HY	WAT			6.1	
Erie Blvd. Hydro - Oswegatchie	South Edwards 2		E	24044	South Edwards	089	36	1937-01-01	1.0	1.2	1.0	1.0		HY	WAT			2.5	
Erie Blvd. Hydro - Oswegatchie	South Edwards 3		E	24044	South Edwards	089	36	1921-01-01	0.7	0.8	0.7	0.7		HY	WAT			2.6	
Erie Blvd. Hydro - Oswegatchie	South Edwards 4		E	24044	South Edwards	089	36	1937-01-01	0.2	0.2	0.2	0.2		HY	WAT			1.9	
Erie Blvd. Hydro - Oswegatchie	Talcville 1		E	24044	Edwards	089	36	1986-12-01	0.5	0.4	0.5	0.5		HY	WAT			2.2	
Erie Blvd. Hydro - Oswegatchie	Talcville 2		E	24044	Edwards	089	36	1986-12-01	0.5	0.4	0.5	0.5		HY	WAT			0.4	
Erie Blvd. Hydro - Oswegatchie	Upper Newton Falls 2		E	24044	Newton Falls	089	36	2002-07-01	0.5	0.4	0.5	0.5		HY	WAT			2.5	
Erie Blvd. Hydro - Oswegatchie	Upper Newton Falls 3		E	24044	Newton Falls	089	36	2002-07-01	0.5	0.4	0.5	0.5		HY	WAT			0.0	
Erie Blvd. Hydro - Oswegatchie	Upper Newton Falls 4		E	24044	Newton Falls	089	36	2002-07-01	0.5	0.4	0.5	0.5		HY	WAT			1.9	
Erie Blvd. Hydro - Seneca Oswego	Baldwinsville 1		C	24041	Baldwinsville	067	36	1927-01-01	0.3	0.2	0.3	0.3		HY	WAT			2.3	
Erie Blvd. Hydro - Seneca Oswego	Baldwinsville 2		C	24041	Baldwinsville	067	36	1927-01-01	0.3	0.2	0.3	0.3		HY	WAT			1.7	
Erie Blvd. Hydro - Seneca Oswego	Granby 1		C	24041	Granby	075	36	1983-05-01	5.0	5.1	5.2	5.2		HY	WAT			15.7	
Erie Blvd. Hydro - Seneca Oswego	Granby 2		C	24041	Granby	075	36	1983-05-01	5.0	5.1	5.2	5.2		HY	WAT			24.4	
Erie Blvd. Hydro - Seneca Oswego	Minetto 2		C	24041	Minetto	075	36	1915-01-01	1.6	1.5	1.7	1.7		HY	WAT			5.8	
Erie Blvd. Hydro - Seneca Oswego	Minetto 3		C	24041	Minetto	075	36	1915-01-01	1.6	1.5	1.7	1.7		HY	WAT			8.7	
Erie Blvd. Hydro - Seneca Oswego	Minetto 4		C	24041	Minetto	075	36	1915-01-01	1.6	1.5	1.7	1.7		HY	WAT			8.0	
Erie Blvd. Hydro - Seneca Oswego	Minetto 5		C	24041	Minetto	075	36	1975-01-01	1.6	1.5	1.7	1.7		HY	WAT			7.3	
Erie Blvd. Hydro - Seneca Oswego	Minetto 6		C	24041	Minetto	075	36	1975-01-01	1.6	1.5	1.7	1.7		HY	WAT			7.6	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls E 1		C	24041	Oswego	075	36	1914-01-01	1.5	1.5	1.6	1.6		HY	WAT			8.9	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	2016 Capability (B) MW WIN	DUAL	Unit Type	Fuel (U) Type 1	Fuel (U) Type 2	Fuel (U) Type 3	2015 Net Energy	Notes
								YY-MM-DD	MW	MW								GWh	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls E 2		C	24041	Oswego	075	36	1914-01-01	1.5	1.5	1.6	1.6		HY	WAT			6.5	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls E 3		C	24041	Oswego	075	36	1914-01-01	1.5	1.5	1.6	1.6		HY	WAT			8.4	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 4		C	24041	Oswego	075	36	1914-01-01	0.9	1.0	0.9	0.9		HY	WAT			4.1	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 5		C	24041	Oswego	075	36	1914-01-01	0.9	1.0	0.9	0.9		HY	WAT			3.9	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 6		C	24041	Oswego	075	36	2007-01-01	0.5	0.5	0.5	0.5		HY	WAT			0.2	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 7		C	24041	Oswego	075	36	2007-01-01	0.5	0.5	0.5	0.5		HY	WAT			0.2	
Erie Blvd. Hydro - Seneca Oswego	Varick 2		C	24041	Oswego	075	36	1926-01-01	2.2	1.9	2.3	2.3		HY	WAT			7.1	
Erie Blvd. Hydro - Seneca Oswego	Varick 3		C	24041	Oswego	075	36	1926-01-01	2.2	2.1	2.3	2.3		HY	WAT			2.7	
Erie Blvd. Hydro - Seneca Oswego	Varick 4		C	24041	Oswego	075	36	1926-01-01	2.2	1.9	2.3	2.3		HY	WAT			4.2	
Erie Blvd. Hydro - Seneca Oswego	Varick 5		C	24041	Oswego	075	36	1926-01-01	2.2	1.9	2.3	2.3		HY	WAT			7.4	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 1		C	24043	Altmar	075	36	1964-01-01	6.4	7.0	6.4	6.4		HY	WAT			6.2	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 2		C	24043	Altmar	075	36	1966-01-01	6.4	7.0	6.4	6.4		HY	WAT			13.5	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 3		C	24043	Altmar	075	36	1970-01-01	7.0	7.7	7.0	7.0		HY	WAT			29.7	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 4		C	24043	Altmar	075	36	1970-01-01	7.0	7.7	7.0	7.0		HY	WAT			36.8	
Erie Blvd. Hydro - South Salmon	Lighthouse Hill 1		C	24043	Altmar	075	36	1930-01-01	3.8	4.1	3.8	3.8		HY	WAT			13.4	
Erie Blvd. Hydro - South Salmon	Lighthouse Hill 2		C	24043	Altmar	075	36	1930-01-01	3.8	4.1	3.8	3.8		HY	WAT			7.4	
Erie Blvd. Hydro - Upper Hudson	E J West 1		F	24058	Hadley	091	36	1930-01-01	10.0	11.9	10.0	10.0		HY	WAT			25.5	
Erie Blvd. Hydro - Upper Hudson	E J West 2		F	24058	Hadley	091	36	1930-01-01	10.0	11.9	10.0	10.0		HY	WAT			21.5	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 1		F	24058	S Glens Falls	091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			6.3	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 2		F	24058	S Glens Falls	091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			4.9	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 3		F	24058	S Glens Falls	091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			3.7	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 4		F	24058	S Glens Falls	091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			4.9	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 5		F	24058	S Glens Falls	091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			2.7	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 1		F	24058	Queensbury	113	36	2009-03-01	8.0	0.0	0.0	0.0		HY	WAT			32.1	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 2		F	24058	Queensbury	113	36	1923-01-01	7.2	8.1	7.2	7.2		HY	WAT			25.4	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 3		F	24058	Queensbury	113	36	1923-01-01	8.7	9.7	8.7	8.7		HY	WAT			28.8	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 4		F	24058	Queensbury	113	36	1923-01-01	7.2	8.1	7.2	7.2		HY	WAT			32.5	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 5		F	24058	Queensbury	113	36	1923-01-01	7.2	8.1	7.2	7.2		HY	WAT			19.1	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 6		F	24058	Queensbury	113	36	2009-02-02	1.0	0.0	0.0	0.0		HY	WAT			9.8	
Erie Blvd. Hydro - Upper Hudson	Spier Falls 1		F	24058	Moreau	091	36	1924-01-01	6.8	8.4	6.8	6.8		HY	WAT			54.4	
Erie Blvd. Hydro - Upper Hudson	Spier Falls 2		F	24058	Moreau	091	36	1930-01-01	37.6	46.9	37.6	37.6		HY	WAT			144.0	
Erie Blvd. Hydro - Upper Hudson	Stewarts Bridge 1		F	24058	Hadley	091	36	1952-01-01	30.0	35.8	30.0	30.0		HY	WAT			82.5	
Erie Blvd. Hydro - Upper Hudson	Stewarts Bridge 2		F	24058	Hadley	091	36	2013-06-01	2.5	0.0	0.0	0.0		HY	WAT			14.4	
Erie Blvd. Hydro - Upper Raquette	Blake		E	24056	Stark	089	36	1957-01-01	14.4	15.6	14.4	14.4		HY	WAT			53.2	
Erie Blvd. Hydro - Upper Raquette	Five Falls		E	24056	Colton	089	36	1955-01-01	22.5	24.4	22.5	22.5		HY	WAT			88.2	
Erie Blvd. Hydro - Upper Raquette	Rainbow Falls		E	24056	Colton	089	36	1956-01-01	22.5	24.4	22.5	22.5		HY	WAT			90.3	
Erie Blvd. Hydro - Upper Raquette	South Colton		E	24056	South Colton	089	36	1954-01-01	19.4	20.9	19.4	19.4		HY	WAT			74.5	
Erie Blvd. Hydro - Upper Raquette	Stark		E	24056	Stark	089	36	1957-01-01	22.5	24.6	22.5	22.5		HY	WAT			82.8	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	2016 Capability (B) MW WIN	D U A L	Unit Type	Fuel (U) Type 1	Fuel (U) Type 2	Fuel (U) Type 3	2015 Net Energy	Notes
								YY-MM-DD	MW	MW								GWh	
Erie Blvd. Hydro - West Canada	Prospect		E	24049	Prospect	043	36	1959-01-01	17.3	21.7	17.3	17.3		HY	WAT			57.9	
Erie Blvd. Hydro - West Canada	Trenton Falls 5		E	24049	Trenton	065	36	1919-01-01	6.8	9.6	6.8	6.8		HY	WAT			53.9	
Erie Blvd. Hydro - West Canada	Trenton Falls 6		E	24049	Trenton	065	36	1919-01-01	6.4	9.1	6.4	6.4		HY	WAT			44.8	
Erie Blvd. Hydro - West Canada	Trenton Falls 7		E	24049	Trenton	065	36	1922-01-01	6.4	9.1	6.4	6.4		HY	WAT			30.5	
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			22.1	
Erie Wind, LLC	Erie Wind		A	323693	Lackawanna	029	36	2012-02-01	15.0	0.0	0.0	0.0		WT	WND			38.0	
Exelon Generation Company, LLC	Chaffee		A	323603	Chaffee	029	36	2007-08-09	6.4	6.4	6.4	6.4		IC	MTE			51.7	
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			24.9	
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			47.5	
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			6.7	
Exelon Generation Company, LLC	Mill Seat		B	323607	Riga	055	36	2007-07-20	6.4	6.4	6.4	6.4		IC	MTE			51.9	
Exelon Generation Company, LLC	Monroe Livingston		B	24207	Scottsville	055	36	1988-11-01	2.4	2.4	2.4	2.4		IC	MTE			8.1	
Exelon Generation Company, LLC	Oneida-Herkimer LFGE		E	323681	Boonville	065	36	2012-04-01	3.2	3.2	3.2	3.2		IC	MTE			24.5	
Exelon Generation Company, LLC	Synergy Biogas		B	323694	Wyoming	121	36	2012-09-01	2.0	2.0	0.0	0.0		IC	MTE			5.0	
Flat Rock Windpower II, LLC	Maple Ridge Wind 2		E	323611	Lowville	049	36	2007-12-01	90.8	90.7	90.8	90.8		WT	WND			217.0	
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			568.4	
Freeport Electric	Freeport 1-2		K	1660	Freeport	059	36	1949-08-01	2.9	2.0	2.6	2.8		IC	FO2			0.0	
Freeport Electric	Freeport 1-3		K	1660	Freeport	059	36	1954-08-01	3.1	2.1	2.8	3.0		IC	FO2			0.0	
Freeport Electric	Freeport 1-4		K	1660	Freeport	059	36	1964-10-01	5.1	4.4	4.6	4.9		IC	FO2			0.1	
Freeport Electric	Freeport 2-3		K	1660	Freeport	059	36	1973-05-01	18.1	18.1	16.2	17.4		GT	KER			0.3	
Freeport Electric	Freeport CT 2		K	23818	Freeport	059	36	2004-03-01	60.5	50.3	47.9	47.9		GT	NG			42.2	
GenOn Energy Management, LLC	Bowline 1		G	23526	West Haverstraw	087	36	1972-09-01	621.0	577.7	567.1	576.1	YES	ST	NG	FO6		1,329.9	
GenOn Energy Management, LLC	Bowline 2		G	23595	West Haverstraw	087	36	1974-05-01	621.0	557.4	569.0	561.3	YES	ST	NG	FO6		125.1	
Hampshire Paper Co., Inc.	Hampshire Paper		E	323593	Gouverneur	089	36	1987-03-01	3.4	3.5	3.4	3.4		HY	WAT			15.9	
Hardscrabble Wind Power LLC	Hardscrabble Wind		E	323673	Fairfield	043	36	2011-02-01	74.0	74.0	74.0	74.0		WT	WND			183.5	
Howard Wind LLC	Howard Wind		C	323690	Howard	101	36	2011-12-01	59.5	57.4	55.4	55.4		WT	WND			128.9	
Indeck Energy Services of Silver Springs	Indeck-Silver Springs		C	23768	Silver Springs	121	36	1991-04-01	56.6	51.5	49.0	62.6	YES	CC	NG	FO2		107.9	
Indeck-Corinth LP	Indeck-Corinth		F	23802	Corinth	091	36	1995-07-01	147.0	131.2	129.1	132.2	YES	CC	NG	FO2		761.9	
Indeck-Olean LP	Indeck-Olean		A	23982	Olean	009	36	1993-12-01	90.6	79.4	76.8	84.2	YES	CC	NG	FO2		387.7	
Indeck-Oswego LP	Indeck-Oswego		C	23783	Oswego	075	36	1990-05-01	57.4	51.6	47.9	61.3	YES	CC	NG	FO2		88.8	
Indeck-Yerkes LP	Indeck-Yerkes		A	23781	Tonawanda	029	36	1990-02-01	59.9	49.7	47.7	58.2	YES	CC	NG	FO2		121.7	
Innovative Energy Systems, Inc.	Auburn LFG		C	323710	Auburn	011	36	2010-01-01	2.1	0.0	0.0	0.0		IC	MTE			0.6	(2)(N)
Innovative Energy Systems, Inc.	Chautauqua LFGE		A	323629	Jamestown	013	36	2010-02-12	9.6	0.0	0.0	0.0		IC	MTE			41.7	
Innovative Energy Systems, Inc.	Clinton LFGE		D	323618	Morrisonville	019	36	2008-10-01	6.4	6.4	6.4	6.4		IC	MTE			35.5	
Innovative Energy Systems, Inc.	Colonie LFGTE		F	323577	Colonie	001	36	2006-03-01	4.8	6.4	4.8	4.8		IC	MTE			35.6	
Innovative Energy Systems, Inc.	DANC LFGE		E	323619	Watertown	045	36	2008-09-08	6.4	6.4	6.4	6.4		IC	MTE			33.5	
Innovative Energy Systems, Inc.	Fulton LFGE		F	323630	Johnstown	035	36	2010-06-04	3.2	0.0	0.0	0.0		IC	MTE			11.0	
Innovative Energy Systems, Inc.	Hyland LFGE		B	323620	Angelica	003	36	2008-09-08	4.8	4.8	4.8	4.8		IC	MTE			30.3	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	2016 Capability (B) MW WIN	DUAL	Unit Type	Fuel (U) Type 1	Fuel (U) Type 2	Fuel (U) Type 3	2015 Net Energy	Notes
								YY-MM-DD	MW	MW								GWh	
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			17.2	
International Paper Company	Ticonderoga		F	23804	Ticonderoga	031	36	1970-01-01	42.1	7.6	6.2	9.8		ST	FO6			0.1	
Jamestown Board of Public Utilities	Jamestown 5		A	1658	Jamestown	013	36	1951-08-01	28.7	23.0	16.8	16.7		ST	BIT	NG		5.8	
Jamestown Board of Public Utilities	Jamestown 6		A	1658	Jamestown	013	36	1968-08-01	25.0	22.4	14.7	14.8		ST	BIT	NG		46.7	
Jamestown Board of Public Utilities	Jamestown 7		A	1659	Jamestown	013	36	2002-01-01	47.3	40.0	38.0	45.8		GT	NG			175.4	
Long Island Power Authority	Babylon (RR)		K	323704	Babylon	103	36	1989-04-01	17.0	15.5	14.5	14.9		ST	REF			110.5	
Long Island Power Authority	Barrett 03		K	23706	Island Park	059	36	1970-06-01	18.0	17.9	17.2	20.0	YES	GT	NG	FO2		4.9	
Long Island Power Authority	Barrett 04		K	23707	Island Park	059	36	1970-07-01	18.0	17.7	17.1	20.9	YES	GT	NG	FO2		3.4	
Long Island Power Authority	Barrett 05		K	23708	Island Park	059	36	1970-07-01	18.0	17.8	17.3	19.9	YES	GT	NG	FO2		4.1	
Long Island Power Authority	Barrett 06		K	23709	Island Park	059	36	1970-07-01	18.0	17.8	17.8	20.0	YES	GT	NG	FO2		6.6	
Long Island Power Authority	Barrett 08		K	23711	Island Park	059	36	1970-07-01	18.0	17.3	16.9	20.4	YES	GT	NG	FO2		6.5	
Long Island Power Authority	Barrett 09		K	23700	Island Park	059	36	1971-06-01	41.8	43.4	40.7	50.3	YES	JE	NG	FO2		19.1	
Long Island Power Authority	Barrett 10		K	23701	Island Park	059	36	1971-06-01	41.8	42.7	39.6	49.7	YES	JE	NG	FO2		12.7	
Long Island Power Authority	Barrett 11		K	23702	Island Park	059	36	1971-06-01	41.8	43.3	40.1	49.7	YES	JE	NG	FO2		23.8	
Long Island Power Authority	Barrett 12		K	23703	Island Park	059	36	1971-06-01	41.8	44.0	40.9	49.3	YES	JE	NG	FO2		21.4	
Long Island Power Authority	Barrett GT 01		K	23704	Island Park	059	36	1970-06-01	18.0	18.1	17.4	16.0	YES	GT	NG	FO2		2.6	
Long Island Power Authority	Barrett GT 02		K	23705	Island Park	059	36	1970-06-01	18.0	17.4	17.5	20.6	YES	GT	NG	FO2		3.8	
Long Island Power Authority	Barrett ST 01		K	23545	Island Park	059	36	1956-11-01	188.0	200.2	193.0	199.2	YES	ST	NG	FO6		599.7	
Long Island Power Authority	Barrett ST 02		K	23546	Island Park	059	36	1963-10-01	188.0	197.5	192.7	196.0	YES	ST	NG	FO6		829.5	
Long Island Power Authority	Bethpage 3		K	323564	Hicksville	059	36	2005-05-01	96.0	79.9	76.1	77.7		CC	NG			331.6	
Long Island Power Authority	Caithness_CC_1		K	323624	Brookhaven	103	36	2009-08-01	375.0	315.6	309.0	356.8	YES	CC	NG	FO2		2,013.3	
Long Island Power Authority	East Hampton 2		K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	2.1		IC	FO2			0.8	
Long Island Power Authority	East Hampton 3		K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	2.1		IC	FO2			0.8	
Long Island Power Authority	East Hampton 4		K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	2.1		IC	FO2			0.7	
Long Island Power Authority	East Hampton GT 01		K	23717	E Hampton	103	36	1970-12-01	21.3	19.2	19.2	24.0		JE	FO2			8.4	
Long Island Power Authority	Far Rockaway GT1		K	24212	Far Rockaway	081	36	2002-07-01	60.5	53.5	54.2	59.4		JE	NG			223.2	
Long Island Power Authority	Far Rockaway GT2		K	23815	Jamaica Bay	081	36	2003-07-02	60.5	55.4	53.3	54.0		JE	FO2			19.4	
Long Island Power Authority	Freeport CT 1		K	23764	Freeport	059	36	2004-06-01	60.0	48.3	48.5	49.1	YES	GT	NG	FO2		131.6	
Long Island Power Authority	Glenwood GT 01		K	23712	Glenwood	059	36	1967-04-01	16.0	14.6	12.3	14.8		GT	FO2			0.3	
Long Island Power Authority	Glenwood GT 02		K	23688	Glenwood	059	36	1972-06-01	55.0	52.7	49.0	64.0		GT	FO2			1.5	
Long Island Power Authority	Glenwood GT 03		K	23689	Glenwood	059	36	1972-06-01	55.0	52.7	55.1	68.6		GT	FO2			2.8	
Long Island Power Authority	Glenwood GT 04		K	24219	Glenwood	059	36	2002-06-01	53.0	40.3	40.0	46.8	YES	GT	NG	FO2		101.6	
Long Island Power Authority	Glenwood GT 05		K	24220	Glenwood	059	36	2002-06-01	53.0	40.0	40.0	43.2	YES	GT	NG	FO2		75.7	
Long Island Power Authority	Greenport GT1		K	23814	Greenport	103	36	2003-07-02	54.0	51.9	52.7	56.5		JE	FO2			20.4	
Long Island Power Authority	Hempstead (RR)		K	23647	Hempstead	059	36	1989-10-01	78.6	73.7	71.5	72.6		ST	REF			573.6	
Long Island Power Authority	Holtsville 01		K	23690	Holtsville	103	36	1974-07-01	56.7	55.1	55.5	62.1		JE	FO2			1.6	
Long Island Power Authority	Holtsville 02		K	23691	Holtsville	103	36	1974-07-01	56.7	55.3	55.6	61.3		JE	FO2			2.9	
Long Island Power Authority	Holtsville 03		K	23692	Holtsville	103	36	1974-07-01	56.7	52.1	51.0	64.8		JE	FO2			2.0	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	WIN	DUAL	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
							YY-MM-DD	MW	MW								GWh	
Long Island Power Authority	Holtsville 04	K	23693	Holtsville	103	36	1974-07-01	56.7	52.7	52.4	64.3		JE	FO2			2.0	
Long Island Power Authority	Holtsville 05	K	23694	Holtsville	103	36	1974-07-01	56.7	53.3	53.4	65.0		JE	FO2			2.1	
Long Island Power Authority	Holtsville 06	K	23695	Holtsville	103	36	1975-07-01	56.7	53.0	50.4	65.4		JE	FO2			5.8	
Long Island Power Authority	Holtsville 07	K	23696	Holtsville	103	36	1975-07-01	56.7	55.1	49.2	64.8		JE	FO2			0.9	
Long Island Power Authority	Holtsville 08	K	23697	Holtsville	103	36	1975-07-01	56.7	57.4	55.4	66.8		JE	FO2			3.0	
Long Island Power Authority	Holtsville 09	K	23698	Holtsville	103	36	1975-07-01	56.7	57.5	55.3	69.1		JE	FO2			1.2	
Long Island Power Authority	Holtsville 10	K	23699	Holtsville	103	36	1975-07-01	56.7	55.1	54.1	65.6		JE	FO2			4.0	
Long Island Power Authority	Huntington (RR)	K	323705	Huntington	103	36	1991-12-01	28.0	24.7	24.1	24.3		ST	REF			188.9	
Long Island Power Authority	Islip (RR)	K	323679	Ronkonkoma	103	36	1990-03-01	12.5	11.2	8.5	8.3		ST	REF			54.6	
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			52.3	
Long Island Power Authority	Northport 1	K	23551	Northport	103	36	1967-07-01	387.0	395.0	399.5	397.0	YES	ST	NG	FO6		680.6	
Long Island Power Authority	Northport 2	K	23552	Northport	103	36	1968-06-01	387.0	396.0	399.0	399.0	YES	ST	NG	FO6		574.1	
Long Island Power Authority	Northport 3	K	23553	Northport	103	36	1972-07-01	387.0	399.2	390.5	390.0	YES	ST	NG	FO6		958.5	
Long Island Power Authority	Northport 4	K	23650	Northport	103	36	1977-12-01	387.0	399.2	391.7	386.2	YES	ST	NG	FO6		840.0	
Long Island Power Authority	Northport GT	K	23718	Northport	103	36	1967-03-01	16.0	13.8	11.8	15.8		GT	FO2			0.0	
Long Island Power Authority	Oceanside (LF)	K	5008	Oceanside	059	36	1991-02-01	2.1	1.1	0.0	0.0		IC	MTE			0.0	
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	45.6	46.3		GT	NG			64.3	
Long Island Power Authority	Pilgrim GT2	K	24217	Brentwood	103	36	2002-08-01	50.0	46.2	44.8	45.8		GT	NG			61.9	
Long Island Power Authority	Pinelawn Power 1	K	323563	Babylon	103	36	2005-06-01	82.0	78.0	75.7	77.0	YES	CC	NG	KER		187.3	
Long Island Power Authority	Port Jefferson 3	K	23555	Port Jefferson	103	36	1958-11-01	188.0	194.5	190.3	197.0	YES	ST	FO6	NG		184.4	
Long Island Power Authority	Port Jefferson 4	K	23616	Port Jefferson	103	36	1960-11-01	188.0	198.7	189.5	198.2	YES	ST	FO6	NG		213.7	
Long Island Power Authority	Port Jefferson GT 01	K	23713	Port Jefferson	103	36	1966-12-01	16.0	14.1	12.1	16.3		GT	FO2			0.0	
Long Island Power Authority	Port Jefferson GT 02	K	24210	Port Jefferson	103	36	2002-07-01	53.0	42.0	40.5	45.7	YES	GT	NG	FO2		49.9	
Long Island Power Authority	Port Jefferson GT 03	K	24211	Port Jefferson	103	36	2002-07-01	53.0	41.1	41.1	46.3	YES	GT	NG	FO2		65.8	
Long Island Power Authority	S Hampton 1	K	23720	South Hampton	103	36	1963-03-01	11.5	10.3	8.5	11.5		GT	FO2			0.7	
Long Island Power Authority	Shoreham 1	K	23715	Shoreham	103	36	1971-07-01	52.9	48.9	49.8	65.0		GT	FO2			1.7	
Long Island Power Authority	Shoreham 2	K	23716	Shoreham	103	36	1984-04-01	18.6	18.5	15.9	21.1		JE	FO2			0.3	
Long Island Power Authority	Shoreham GT3	K	24213	Shoreham	103	36	2002-08-01	50.0	45.1	45.6	42.4		GT	FO2			2.2	
Long Island Power Authority	Shoreham GT4	K	24214	Shoreham	103	36	2002-08-01	50.0	41.9	44.6	45.3		GT	FO2			2.1	
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	10.0	9.0		GT	FO2			0.7	
Long Island Power Authority	Stony Brook	K	24151	Stony Brook	103	36	1995-04-01	47.0	9.6	14.5	16.5	YES	GT	NG	FO2		277.9	
Long Island Power Authority	Trigen-NDEC	K	323695	Garden City	059	36	1991-03-01	55.0	51.6	45.6	57.0	YES	CC	NG	FO2		324.6	
Long Island Power Authority	Wading River 1	K	23522	Shoreham	103	36	1989-08-01	79.5	81.2	82.0	101.3		GT	FO2			4.8	
Long Island Power Authority	Wading River 2	K	23547	Shoreham	103	36	1989-08-01	79.5	81.3	76.9	96.2		GT	FO2			4.6	
Long Island Power Authority	Wading River 3	K	23601	Shoreham	103	36	1989-08-01	79.5	81.3	81.7	101.1		GT	FO2			6.9	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	MW WIN	DUAL	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
							YY-MM-DD	MW	MW								GWh	
Long Island Power Authority	West Babylon 4	K	23714	West Babylon	103	36	1971-08-01	52.4	49.0	49.7	66.5		GT	FO2			0.8	
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	Lyonsdale	E	23803	Lyonsdale	049	36	1992-08-01	21.1	20.2	19.9	20.0		ST	WD			132.1	
Madison Windpower, LLC	Madison Wind Power	E	24146	Madison	053	36	2000-09-01	11.6	11.5	11.6	11.6		WT	WND			19.7	
Marble River LLC	Marble River Wind	D	323696	Ellenburg	019	36	2012-07-01	215.5	0.0	0.0	0.0		WT	WND			543.4	
Marsh Hill Energy LLC	Marsh Hill Wind Farm	C	323713	Jasper	101	36	2014-12-01	16.2	0.0	0.0	0.0		WT	WND			56.3	
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			37.8	
Modern Innovative Energy, LLC	Modern LF	A	323580	Lewiston	063	36	2006-02-01	6.4	6.4	6.4	6.4		IC	MTE			17.9	
New York Power Authority	Ashokan 1	G	23654	Ashokan	111	36	1982-11-01	2.3	1.8	2.3	2.3		HY	WAT			6.3	
New York Power Authority	Ashokan 2	G	23654	Ashokan	111	36	1982-11-01	2.3	1.8	2.3	2.3		HY	WAT			5.3	
New York Power Authority	Astoria CC 1	J	323568	Queens	081	36	2006-01-01	288.0	246.2	231.5	260.0	YES	CC	NG	JF	KER	2,891.4	(G)
New York Power Authority	Astoria CC 2	J	323569	Queens	081	36	2006-01-01	288.0	246.2	231.5	260.0	YES	CC	NG	JF	KER		
New York Power Authority	Blenheim - Gilboa 1	F	23756	Gilboa NY	095	36	1973-07-01	290.0	290.7	291.6	290.3		PS	WAT			31.5	
New York Power Authority	Blenheim - Gilboa 2	F	23757	Gilboa NY	095	36	1973-07-01	290.0	291.2	291.7	291.0		PS	WAT			146.7	
New York Power Authority	Blenheim - Gilboa 3	F	23758	Gilboa NY	095	36	1973-07-01	290.0	291.7	290.7	290.7		PS	WAT			142.5	
New York Power Authority	Blenheim - Gilboa 4	F	23759	Gilboa NY	095	36	1973-07-01	290.0	291.5	291.7	291.5		PS	WAT			63.5	
New York Power Authority	Brentwood	K	24164	Brentwood	103	36	2001-08-01	50.0	47.1	45.0	46.1		GT	NG			59.0	
New York Power Authority	Crescent 1	F	24018	Crescent	001	36	1991-07-01	2.8	3.2	2.8	2.8		HY	WAT			14.7	
New York Power Authority	Crescent 2	F	24018	Crescent	001	36	1991-07-01	2.8	3.2	2.8	2.8		HY	WAT			13.2	
New York Power Authority	Crescent 3	F	24018	Crescent	001	36	1991-07-01	3.0	3.2	3.0	3.0		HY	WAT			6.5	
New York Power Authority	Crescent 4	F	24018	Crescent	001	36	1991-07-01	3.0	3.2	3.0	3.0		HY	WAT			3.5	
New York Power Authority	Flynn	K	23794	Holtsville	103	36	1994-05-01	170.0	135.5	135.5	162.7	YES	CC	NG	FO2		1,011.8	
New York Power Authority	Gowanus 5	J	24156	Brooklyn	047	36	2001-08-01	50.0	45.4	40.0	40.0		GT	NG			60.8	
New York Power Authority	Gowanus 6	J	24157	Brooklyn	047	36	2001-08-01	50.0	46.1	39.9	39.9		GT	NG			57.9	
New York Power Authority	Grahamsville	G	23607	Grahamsville	105	36	1956-12-01	18.0	16.3	18.0	18.0		HY	WAT			72.9	
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			21.3	
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			20.7	
New York Power Authority	Hellgate 1	J	24158	Bronx	005	36	2001-08-01	50.0	45.0	39.9	39.9		GT	NG			23.0	
New York Power Authority	Hellgate 2	J	24159	Bronx	005	36	2001-08-01	50.0	45.0	40.0	40.0		GT	NG			23.0	
New York Power Authority	Jarvis 1	E	23743	Hinckley	065	36	1991-07-01	4.5	4.5	4.5	4.5		HY	WAT			22.3	
New York Power Authority	Jarvis 2	E	23743	Hinckley	065	36	1991-07-01	4.5	4.5	4.5	4.5		HY	WAT			1.3	
New York Power Authority	Kent	J	24152	Brooklyn	047	36	2001-08-01	50.0	46.9	45.8	46.0		GT	NG			35.6	
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			440.7	
New York Power Authority	Moses Niagara (Fleet)	A	23760	Niagara Falls	063	36	1961-01-01	2,860.0	2,460.0	2,455.5	2,464.5		HY	WAT			14,389.4	
New York Power Authority	Neversink	G	23608	Grahamsville	105	36	1953-12-01	25.0	22.0	25.0	25.0		HY	WAT			35.7	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	WIN	DUAL	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
							YY-MM-DD	MW	MW								GWh	
New York Power Authority	Pouch	J	24155	Staten Island	085	36	2001-08-01	50.0	47.1	45.7	46.0		GT	NG			64.0	
New York Power Authority	St Lawrence - FDR (Fleet)	D	23600	Massena	089	36	1958-07-01	1,088.0	856.0	856.2	823.5		HY	WAT			6,859.3	
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			22.7	
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			27.2	
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			3.1	
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			11.2	
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			6.6	
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			5.5	
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 PA	005	42	1990-10-01	16.0	14.7	16.0	16.0		HY	WAT			87.1	
New York State Elec. & Gas Corp.	Allegheny 9	C	23528	Kittanning PA	005	42	1990-10-01	22.0	20.2	22.0	22.0		HY	WAT			112.7	
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	5.1	7.5		GT	NG			0.4	
New York State Elec. & Gas Corp.	Broome LFGE	C	323600	Binghamton	007	36	2007-09-01	2.1	2.1	2.1	2.1		IC	MTE			13.7	
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			3.1	
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			5.4	
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			13.2	
New York State Elec. & Gas Corp.	Chasm Falls 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 Falls 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			22.6	
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			13.0	
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			34.1	
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			11.3	
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			0.0	
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			27.9	
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			37.7	
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			29.0	
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			5.4	
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			5.6	
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			8.2	
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	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	WIN	DUAL	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
							YY-MM-DD	MW	MW								GWh	
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.	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 (IIFO - 1/1/16)	A	23895	Niagara Falls	063	36	1991-08-01	56.0	50.5	0.0	0.0		ST	WD			35.7	(3)(I)
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			180.2	
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			63.6	
Niagara Mohawk Power Corp.	CHI-LaChute	F	1654	Ticonderoga	031	36	1987-12-01	9.0	8.9	0.0	0.0		HY	WAT			23.2	
Niagara Mohawk Power Corp.	Fortis - Dolgeville	E	23807	Dolgeville	043	36	1985-07-01	5.0	6.3	0.0	0.0		HY	WAT			7.4	
Niagara Mohawk Power Corp.	Fortis Energy - Philadelphia	E	1656	Philadelphia	045	36	1986-08-01	3.6	3.2	0.0	0.0		HY	WAT			0.9	
Niagara Mohawk Power Corp.	Fortis Energy - Moose River	E	24016	Lyonsdale	049	36	1987-09-01	12.6	12.0	0.0	0.0		HY	WAT			41.4	
Niagara Mohawk Power Corp.	General Mills Inc	A	23808	Buffalo	029	36	1988-12-01	3.8	3.8	0.0	0.0		GT	NG			3.3	
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			286.9	(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			44.9	
Niagara Mohawk Power Corp.	Onondaga County	C	23987	North Syracuse	067	36	1994-12-01	39.5	32.6	31.6	28.9		ST	REF			191.0	
Niagara Mohawk Power Corp.	Pyrites Assoc.	E	24023	Canton	089	36	1985-12-01	8.2	7.5	0.0	0.0		HY	WAT			23.2	
Niagara Mohawk Power Corp.	Adams Hydro	E	23633	Adams	045	36	1987-11-01	0.2		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Algon.-Herkimer	E	23633	Herkimer	043	36	1987-12-01	1.6		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Algon.-Otter Creek	E	23633	Greig	049	36	1986-11-01	0.5		0.0	0.0		HY	WAT			1.4	
Niagara Mohawk Power Corp.	Allied Frozen Storage	A	23774	Cheektowaga	029	36	2008-05-01	0.1		0.0	0.0		IC	NG			0.0	
Niagara Mohawk Power Corp.	Azure Mountain	E	23633	St. Regis Falls	033	36	1993-08-01	0.6		0.0	0.0		HY	WAT			2.1	
Niagara Mohawk Power Corp.	Beaver Falls #1	E	23633	Beaver Falls	049	36	1986-01-01	1.5		0.0	0.0		HY	WAT			7.8	
Niagara Mohawk Power Corp.	Beaver Falls #2	E	23633	Beaver Falls	049	36	1986-01-01	1.0		0.0	0.0		HY	WAT			4.1	
Niagara Mohawk Power Corp.	Bellows Towers	E	23633	Malone	033	36	1987-06-01	0.2		0.0	0.0		HY	WAT			0.0	
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			4.0	
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			1.9	
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			13.3	
Niagara Mohawk Power Corp.	Boralex - Middle Falls	F	23643	Easton	115	36	1989-12-01	2.2		0.0	0.0		HY	WAT			10.5	
Niagara Mohawk Power Corp.	Burrstone Energy Center, LLC LU	E	23633	Utica	065	36	2009-11-01	1.1		0.0	0.0		IC	NG			2.2	
Niagara Mohawk Power Corp.	Burrstone Energy Center, LLC U	E	23633	Utica	065	36	2009-11-01	2.2		0.0	0.0		IC	NG			0.1	
Niagara Mohawk Power Corp.	Burt Dam Hydro	A	23774	Burt	063	36	1987-12-01	0.6		0.0	0.0		HY	WAT			1.4	
Niagara Mohawk Power Corp.	Cal Ban Power	A	23774	Allegany	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	Gouverneur	089	36	1986-01-01	1.0		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Champlain Spinner	F	23643	Whitehall	031	36	1992-07-01	0.4		0.0	0.0		HY	WAT			1.0	
Niagara Mohawk Power Corp.	CHI Dexter Hydro	E	23633	Dexter	045	36	1988-01-01	4.2		0.0	0.0		HY	WAT			16.5	
Niagara Mohawk Power Corp.	CHI Diamond Is HY	E	23633	Watertown	045	36	1986-01-01	1.2		0.0	0.0		HY	WAT			4.8	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	WIN	DUAL	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
							YY-MM-DD	MW	MW								GWh	
Niagara Mohawk Power Corp.	CHI Fowler	E	23633	Fowler	049	36	1986-01-01	0.6		0.0	0.0		HY	WAT			3.2	
Niagara Mohawk Power Corp.	CHI Hailsboro #3	E	23633	Hailsboro	089	36	1986-01-01	0.8		0.0	0.0		HY	WAT			3.8	
Niagara Mohawk Power Corp.	CHI Hailsboro #4	E	23633	Hailsboro	089	36	1986-01-01	1.4		0.0	0.0		HY	WAT			10.0	
Niagara Mohawk Power Corp.	CHI Hailsboro #6	E	23633	Hailsboro	089	36	1986-01-01	0.8		0.0	0.0		HY	WAT			4.7	
Niagara Mohawk Power Corp.	CHI Theresa Hydro	E	23633	Theresa	089	36	1986-01-01	1.3		0.0	0.0		HY	WAT			6.3	
Niagara Mohawk Power Corp.	Chittenden Falls	F	23643	Stuyvesant	021	36	1995-12-01	0.6		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Christine Falls Hydro	F	23643	Wells	041	36	1987-12-01	0.9		0.0	0.0		HY	WAT			2.3	
Niagara Mohawk Power Corp.	City of Oswego (H.D.)	C	23634	Oswego	075	36	1994-02-01	11.9		0.0	0.0		HY	WAT			44.5	
Niagara Mohawk Power Corp.	City of Utica - Sand Road	E	23633	Utica	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	Utica	065	36	1993-02-01	0.2		0.0	0.0		HY	WAT			0.3	
Niagara Mohawk Power Corp.	City of Watertown	E	23633	Watertown	045	36	1986-01-01	8.1		0.0	0.0		HY	WAT			11.0	
Niagara Mohawk Power Corp.	City of Watervliet	F	23643	Guilderland	001	36	1986-01-01	1.2		0.0	0.0		HY	WAT			1.6	
Niagara Mohawk Power Corp.	Cons. HY-Victory	F	23643	Victory Falls	091	36	1986-12-01	1.7		0.0	0.0		HY	WAT			4.8	
Niagara Mohawk Power Corp.	Copenhagen Assoc.	E	23633	Copenhagen	049	36	1986-01-01	3.3		0.0	0.0		HY	WAT			9.5	
Niagara Mohawk Power Corp.	Cottrell Paper	F	23643	Rock City Falls	091	36	1987-01-01	0.3		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Cranberry Lake	E	23633	Cranberry Lake	049	36	1987-12-01	0.5		0.0	0.0		HY	WAT			0.2	
Niagara Mohawk Power Corp.	Edison Hydro Electric	F	23643	Stottville	021	36	2009-11-01	0.3		0.0	0.0		HY	WAT			1.9	
Niagara Mohawk Power Corp.	Empire HY Partner	E	23633	Port Leyden	049	36	1984-11-01	1.0		0.0	0.0		HY	WAT			4.4	
Niagara Mohawk Power Corp.	Finch Paper LLC - Glens Falls	F	23643	Glens Falls	113	36	2009-11-01	11.8		0.0	0.0		HY	WAT			0.5	
Niagara Mohawk Power Corp.	Finch Pruyn	F	23643	Glens Falls	113	36	1989-12-01	29.0		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Forestport Hydro	E	23633	Forrestport	065	36	1987-12-01	3.4		0.0	0.0		HY	WAT			9.2	
Niagara Mohawk Power Corp.	Fort Miller Assoc	F	23643	Schuylerville	091	36	1985-10-01	5.0		0.0	0.0		HY	WAT			20.1	
Niagara Mohawk Power Corp.	Fortis Energy - Diana	E	23633	Diana	049	36	1985-07-01	1.8		0.0	0.0		HY	WAT			5.0	
Niagara Mohawk Power Corp.	Franklin Hydro	D	24055	Franklin Falls	033	36	1995-03-01	0.3		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Gloversville Johnstown WWT	F	23643	Gloversville	035	36	2010-01-01	0.7		0.0	0.0		IC	MTE				
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			29.1	
Niagara Mohawk Power Corp.	Hewittville Hydro	E	23633	Potsdam	089	36	1984-07-01	3.0		0.0	0.0		HY	WAT			14.2	
Niagara Mohawk Power Corp.	Hollings&Vose-Center	F	23643	Easton	115	36	1986-01-01	0.4		0.0	0.0		HY	WAT			0.7	
Niagara Mohawk Power Corp.	Hollings&Vose-Lower	F	23643	Easton	115	36	1986-01-01	0.4		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Hollings&Vose-Upper	F	23643	Easton	115	36	1986-01-01	0.4		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Hollow Dam Power	E	23633	Saint Lawrence	089	36	1987-12-01	1.0		0.0	0.0		HY	WAT			3.0	
Niagara Mohawk Power Corp.	Hoosick Falls	F	23643	Hoosick Falls	083	36	1988-08-01	0.6		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Hydrocarbon-Algny	A	23774	Allegany	003	36	1992-12-01	0.2		0.0	0.0		IC	NG			0.0	
Niagara Mohawk Power Corp.	Indian Falls HY	E	23633	Theresa	045	36	1986-01-01	0.3		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Kayuta Lake	E	23633	Kayuta	065	36	1988-05-01	0.4		0.0	0.0		HY	WAT			1.0	
Niagara Mohawk Power Corp.	Kings Falls	E	23633	Copenhagen	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	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	WIN	DUAL	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
							YY-MM-DD	MW	MW								GWh	
Niagara Mohawk Power Corp.	Long Falls Hydro	E	23633	Carthage	045	36	1991-06-01	3.3		0.0	0.0		HY	WAT			8.5	
Niagara Mohawk Power Corp.	Lyonsdale Assoc. (Burrows)	E	23633	Lyons Falls	049	36	1984-07-01	3.0		0.0	0.0		HY	WAT			11.1	
Niagara Mohawk Power Corp.	Mechanicville	F	23643	Mechanicville	091	36	2005-03-01	2.0		0.0	0.0		HY	WAT			17.5	
Niagara Mohawk Power Corp.	Mount Ida Hydro	F	23643	Troy	083	36	1986-01-01	6.0		0.0	0.0		HY	WAT			7.4	
Niagara Mohawk Power Corp.	Mountainaire Massage Spa	F	23643	Wevertown	113	36	2009-11-01			0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Newport HY Assoc	E	23633	Newport	043	36	1987-12-01	1.7		0.0	0.0		HY	WAT			6.2	
Niagara Mohawk Power Corp.	Northbrook Carthage	E	23633	Carthage	045	36	1986-01-01	4.4		0.0	0.0		HY	WAT			18.3	
Niagara Mohawk Power Corp.	Nottingham High School	C	23634	Syracuse	067	36	1988-06-01	0.2		0.0	0.0		CG	NG			0.0	
Niagara Mohawk Power Corp.	Oakvale Construction	D	24055	Wilmington	031	36	2009-11-01	0.4		0.0	0.0		HY	WAT			1.7	
Niagara Mohawk Power Corp.	Ogdensburg Hydro	E	23633	Ogdensburg	089	36	1987-12-01	3.5		0.0	0.0		HY	WAT			7.5	
Niagara Mohawk Power Corp.	Onondaga Energy Partners	C	23634	Onondaga	067	36	1987-12-01	1.4		0.0	0.0		IC	MTE			0.0	
Niagara Mohawk Power Corp.	Oswego County	C	23634	Oswego	075	36	1986-03-01	3.6		0.0	0.0		ST	REF			4.8	
Niagara Mohawk Power Corp.	Oswego HY Partners (Phoenix)	C	23634	Phoenix	075	36	1990-12-01	3.4		0.0	0.0		HY	WAT			11.3	
Niagara Mohawk Power Corp.	ReEnergy LLC	E	23633	Watertown	045	36	2013-05-30	15.5		0.0	0.0		ST	WD			39.7	
Niagara Mohawk Power Corp.	Riverrat Glass & Electric	F	23643	Wadhams	031	36	1986-01-01	0.6		0.0	0.0		HY	WAT			2.2	
Niagara Mohawk Power Corp.	Sandy Hollow HY	E	23633	Sandy Hollow	045	36	1986-09-01	0.6		0.0	0.0		HY	WAT			1.1	
Niagara Mohawk Power Corp.	Seneca Limited	C	23634	Syracuse	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			0.6	
Niagara Mohawk Power Corp.	Stevens&Thompson Paper Co.	F	23643	Middle Falls	115	36	1987-12-01	10.5		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Stillwater Assoc.	E	23633	Webb	043	36	1987-01-01	1.8		0.0	0.0		HY	WAT			2.9	
Niagara Mohawk Power Corp.	Stillwater HY Partners	F	23643	Stillwater	091	36	1993-04-01	3.4		0.0	0.0		HY	WAT			12.6	
Niagara Mohawk Power Corp.	Stuyvesant Falls	F	23643	Stuyvesant	021	36	2013-02-01	7.0		0.0	0.0		HY	WAT			9.8	
Niagara Mohawk Power Corp.	Sustainable Bioelectric LLC	A	23774	Wheatfield	063	36	2014-03-01	0.6		0.0	0.0		IC	MTE			0.2	
Niagara Mohawk Power Corp.	Synergics - Middle Greenwich	F	23643	Greenwich	115	36	1987-12-01	0.2		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Synergics - Union Falls	D	24055	Union Falls	019	36	1987-12-01	3.0		0.0	0.0		HY	WAT			12.1	
Niagara Mohawk Power Corp.	Synergics - Upper Greenwich	F	23643	Greenwich	115	36	1987-12-01	0.4		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Tannery Island	E	23633	Carthage	045	36	1986-01-01	1.5		0.0	0.0		HY	WAT			6.4	
Niagara Mohawk Power Corp.	Town of Wells	F	23643	Wells	041	36	1987-12-01	0.5		0.0	0.0		HY	WAT			1.1	
Niagara Mohawk Power Corp.	Tri-City JATC	F	23643	Latham	001	36	2009-11-01			0.0	0.0		IC	NG			0.0	
Niagara Mohawk Power Corp.	Unionville Hydro	E	23633	Potsdam	089	36	1984-07-01	3.0		0.0	0.0		HY	WAT			13.0	
Niagara Mohawk Power Corp.	United States Gypsum	A	23774	Batavia	037	36	2009-11-01	5.8		0.0	0.0		CG	NG			1.6	
Niagara Mohawk Power Corp.	Valatie Falls	F	23643	Valatie	021	36	1992-12-01	0.1		0.0	0.0		HY	WAT			0.5	
Niagara Mohawk Power Corp.	Valley Falls Assoc.	F	23643	Valley Falls	083	36	1985-08-01	2.5		0.0	0.0		HY	WAT			6.8	
Niagara Mohawk Power Corp.	Village of Gouverneur	E	23633	Gouverneur	089	36	1986-01-01	0.1		0.0	0.0		HY	WAT			0.3	
Niagara Mohawk Power Corp.	Village of Potsdam	E	23633	Potsdam	089	36	1986-01-01	0.8		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Village of Potsdam 2	E	23633	Potsdam	089	36	2014-04-01	0.5		0.0	0.0		HY	WAT			1.1	
Niagara Mohawk Power Corp.	Village of Saranac Lake	E	23633	Saranac Lake	033	36	1996-12-01	0.2		0.0	0.0		HY	WAT			0.3	
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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	MW WIN	DUAL	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
							YY-MM-DD	MW	MW								GWh	
Niagara Wind Power, LLC	Steel Wind	A	323596	Lackawanna	029	36	2007-01-23	20.0	20.0	0.0	0.0		WT	WND			50.6	
Nine Mile Point Nuclear Station, LLC	Nine Mile Point 1	C	23575	Scriba	075	36	1969-11-01	641.8	630.5	626.1	628.2		NB	UR			4,954.0	
Nine Mile Point Nuclear Station, LLC	Nine Mile Point 2	C	23744	Scriba	075	36	1988-08-01	1,320.0	1,246.6	1,289.6	1,300.0		NB	UR			11,053.9	
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			170.1	
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			205.3	
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			211.4	
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			174.9	
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			173.5	
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			264.2	
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			42.7	
NRG Power Marketing LLC	Arthur Kill GT 1	J	23520	Staten Island	085	36	1970-06-01	20.0	16.5	11.1	13.7		GT	NG			0.7	
NRG Power Marketing LLC	Arthur Kill ST 2	J	23512	Staten Island	085	36	1959-08-01	376.2	357.7	335.2	340.4		ST	NG			701.3	
NRG Power Marketing LLC	Arthur Kill ST 3	J	23513	Staten Island	085	36	1969-06-01	535.5	518.0	522.5	517.8		ST	NG			349.0	
NRG Power Marketing LLC	Astoria GT 05 (IIFO - 1/1/16)	J	24106	Queens	081	36	1970-06-01	19.2	16.0	0.0	0.0		GT	FO2	KER		0.0	(I)
NRG Power Marketing LLC	Astoria GT 07 (IIFO - 1/1/16)	J	24107	Queens	081	36	1970-06-01	19.2	15.5	0.0	0.0		GT	FO2	KER		0.0	(I)
NRG Power Marketing LLC	Astoria GT 08	J	24108	Queens	081	36	1970-06-01	19.2	15.3	0.0	0.0		GT	FO2	KER		0.0	
NRG Power Marketing LLC	Astoria GT 10	J	24110	Queens	081	36	1971-01-01	31.8	24.9	0.0	0.0		GT	FO2	KER		0.0	
NRG Power Marketing LLC	Astoria GT 11	J	24225	Queens	081	36	1971-02-01	31.8	23.6	0.0	0.0		GT	FO2	KER		0.0	
NRG Power Marketing LLC	Astoria GT 12 (IIFO - 1/1/16)	J	24226	Queens	081	36	1971-05-01	31.8	22.7	0.0	0.0		GT	FO2	KER		0.1	(I)
NRG Power Marketing LLC	Astoria GT 13 (IIFO - 1/1/16)	J	24227	Queens	081	36	1971-05-01	31.8	24.0	0.0	0.0		GT	FO2	KER		0.0	(I)
NRG Power Marketing LLC	Astoria GT 2-1	J	24094	Queens	081	36	1970-06-01	46.5	41.2	36.2	44.3	YES	JE	KER	NG		3.5	
NRG Power Marketing LLC	Astoria GT 2-2	J	24095	Queens	081	36	1970-06-01	46.5	42.4	33.6	43.7	YES	JE	KER	NG		3.4	
NRG Power Marketing LLC	Astoria GT 2-3	J	24096	Queens	081	36	1970-06-01	46.5	41.2	34.4	44.5	YES	JE	KER	NG		1.7	
NRG Power Marketing LLC	Astoria GT 2-4	J	24097	Queens	081	36	1970-06-01	46.5	41.0	34.0	44.9	YES	JE	KER	NG		4.2	
NRG Power Marketing LLC	Astoria GT 3-1	J	24098	Queens	081	36	1970-06-01	46.5	41.2	32.8	41.8	YES	JE	KER	NG		1.5	
NRG Power Marketing LLC	Astoria GT 3-2	J	24099	Queens	081	36	1970-06-01	46.5	43.5	35.5	43.0	YES	JE	KER	NG		2.9	
NRG Power Marketing LLC	Astoria GT 3-3	J	24100	Queens	081	36	1970-06-01	46.5	43.0	33.6	43.8	YES	JE	KER	NG		2.9	
NRG Power Marketing LLC	Astoria GT 3-4	J	24101	Queens	081	36	1970-06-01	46.5	43.0	35.5	44.7	YES	JE	KER	NG		3.4	
NRG Power Marketing LLC	Astoria GT 4-1	J	24102	Queens	081	36	1970-07-01	46.5	42.6	34.4	43.7	YES	JE	KER	NG		4.9	
NRG Power Marketing LLC	Astoria GT 4-2	J	24103	Queens	081	36	1970-07-01	46.5	41.4	33.6	42.5	YES	JE	KER	NG		3.7	
NRG Power Marketing LLC	Astoria GT 4-3	J	24104	Queens	081	36	1970-07-01	46.5	41.1	33.5	43.1	YES	JE	KER	NG		2.5	
NRG Power Marketing LLC	Astoria GT 4-4	J	24105	Queens	081	36	1970-07-01	46.5	42.8	32.6	43.5	YES	JE	KER	NG		3.5	
NRG Power Marketing LLC	Dunkirk 2 (MB - 1/1/16)	A	23564	Dunkirk	013	36	1950-12-01	100.0	97.2	0.0	0.0		ST	BIT			439.9	(M)
NRG Power Marketing LLC	Dunkirk IC 2 (MB - 1/1/16)	A	5050	Dunkirk	013	36	1990-01-01	0.5		0.0	0.0		IC	FO2			0.0	(M)
NRG Power Marketing LLC	Huntley 67 (RET - 3/1/16)	A	23561	Tonawanda	029	36	1957-12-01	218.0	196.5	0.0	0.0		ST	BIT			249.4	(R)
NRG Power Marketing LLC	Huntley 68 (RET - 3/1/16)	A	23562	Tonawanda	029	36	1958-12-01	218.0	198.0	0.0	0.0		ST	BIT			160.4	(R)
NRG Power Marketing LLC	Huntley IC 1 (RET - 3/1/16)	A	5051	Tonawanda	029	36	1967-08-01	0.7		0.0	0.0		IC	FO2			0.0	(R)
NRG Power Marketing LLC	Oswego 5	C	23606	Oswego	075	36	1976-02-01	901.8	850.3	819.2	825.2		ST	FO6			34.5	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	WIN	D U A L	Unit Type	Fuel (U) Type 1	Type 2	Type 3	2015 Net Energy	Notes
							YY-MM-DD	MW	MW								GWh	
NRG Power Marketing LLC	Oswego 6	C	23613	Oswego	075	36	1980-07-01	901.8	835.2	823.5	816.2	YES	ST	FO6	NG		34.8	
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	YES	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	323570	Bethlehem	001	36	2005-07-01	893.1	756.9	766.8	860.4	YES	CC	NG	FO2		5,152.7	
R.E. Ginna Nuclear Power Plant, LLC	Ginna	B	23603	Ontario	117	36	1970-07-01	614.0	582.0	581.4	582.1		NP	UR			4,808.8	(S)
ReEnergy Black River LLC	Black River	E	23780	Watertown	045	36	2013-05-30	55.5	55.6	0.0	0.0		ST	WD			214.4	
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	8.5	8.5		HY	WAT			27.5	
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			6.2	
Rochester Gas and Electric Corp.	Station 5 1	B	23604	Rochester	055	36	1918-07-01	14.0	11.8	14.0	14.0		HY	WAT			48.8	
Rochester Gas and Electric Corp.	Station 5 2	B	23604	Rochester	055	36	1918-07-01	13.6	11.8	13.6	13.6		HY	WAT			0.0	
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			67.0	
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	YES	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	YES	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	YES	IC	FO2	NG		0.0	
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	YES	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	YES	IC	FO2	NG		0.0	
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	YES	IC	FO2	NG		0.8	
SBF New York, LLC	Beaver Falls	E	23983	Beaver Falls	049	36	1995-03-01	107.8	80.2	80.6	90.1	YES	CC	NG	FO2		3.0	
SBF New York, LLC	Syracuse	C	23985	Syracuse	067	36	1993-09-01	102.7	86.8	82.0	94.6	YES	CC	NG	FO2		26.6	
Selkirk Cogen Partners, L.P.	Selkirk-I	F	23801	Selkirk	001	36	1992-03-01	107.2	82.1	76.4	104.7	YES	CC	NG	FO2		273.7	
Selkirk Cogen Partners, L.P.	Selkirk-II	F	23799	Selkirk	001	36	1994-09-01	338.8	291.3	279.6	334.8	YES	CC	NG	FO2		834.6	
Seneca Energy II, LLC	Ontario LFGE	C	23819	Canandaigua	069	36	2003-12-01	11.2	5.6	11.2	11.2		IC	MTE			61.0	
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			139.2	(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 Falls Power 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	
Seneca Falls Power 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	
Seneca Falls Power 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	

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	Name Plate Rating (V)	CRIS Sum Cap (A)	2016 Capability (B) MW SUM	2016 Capability (B) MW WIN	DUAL	Unit Type	Fuel (U) Type 1	Fuel (U) Type 2	Fuel (U) Type 3	2015 Net Energy	Notes
								YY-MM-DD	MW	MW								GWh	
Seneca Power Partners, L.P.	Allegany		B	23514	Hume	003	36	1995-03-01	67.0	62.9	61.2	62.9		CC	NG			106.3	
Seneca Power Partners, L.P.	Batavia		B	24024	Batavia	037	36	1992-06-01	67.3	57.1	48.5	59.1		CC	NG			34.2	
Seneca Power Partners, L.P.	Carthage Energy		E	23857	Carthage	045	36	1991-08-01	62.9	59.0	55.1	63.7	YES	CC	NG	FO2		10.1	
Seneca Power Partners, L.P.	Hillburn GT		G	23639	Hillburn	087	36	1971-04-01	46.5	37.9	35.6	44.2		JE	KER			0.1	
Seneca Power Partners, L.P.	Shoemaker GT		G	23640	Middletown	071	36	1971-05-01	41.9	33.1	32.7	40.7		JE	KER			2.0	
Seneca Power Partners, L.P.	Sterling		E	23777	Sherrill	065	36	1991-06-01	65.3	57.4	50.5	63.0		CC	NG			21.6	
Sheldon Energy LLC	High Sheldon Wind Farm		C	323625	Sheldon	121	36	2009-02-01	118.1	112.5	118.1	118.1		WT	WND			258.4	
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			106.6	
Shell Energy North America (US), L.P.	Lockport		A	23791	Lockport	063	36	1992-07-01	221.3	225.2	203.7	223.8	YES	CC	NG	FO2		292.9	
Somerset Operating Company, LLC	Somerset		A	23543	Somerset	063	36	1984-08-01	655.1	686.5	685.3	691.7		ST	BIT			614.9	
Stephentown Spindle LLC	Beacon LESR		F	323632	Stephentown	083	36	2010-11-29	20.0	0.0	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			286.9	
TC Ravenswood, LLC	Ravenswood 01		J	23729	Queens	081	36	1967-07-01	18.6	8.8	9.4	8.0		GT	NG			0.2	
TC Ravenswood, LLC	Ravenswood 04		J	24252	Queens	081	36	1970-09-01	21.1	15.2	12.9	15.6	YES	GT	KER	NG		0.2	
TC Ravenswood, LLC	Ravenswood 05		J	24254	Queens	081	36	1970-08-01	21.1	15.7	15.5	17.2		GT	KER			0.2	
TC Ravenswood, LLC	Ravenswood 06		J	24253	Queens	081	36	1970-08-01	22.0	16.7	12.6	16.5	YES	GT	KER	NG		0.3	
TC Ravenswood, LLC	Ravenswood 09		J	24257	Queens	081	36	1970-07-01	25.0	21.7	16.8	22.2	YES	JE	KER	NG		2.1	
TC Ravenswood, LLC	Ravenswood 10		J	24258	Queens	081	36	1970-08-01	25.0	21.2	17.8	23.0	YES	JE	KER	NG		1.8	
TC Ravenswood, LLC	Ravenswood 11		J	24259	Queens	081	36	1970-08-01	25.0	20.2	16.8	25.0	YES	JE	KER	NG		1.7	
TC Ravenswood, LLC	Ravenswood 2-1		J	24244	Queens	081	36	1970-12-01	42.9	40.4	31.9	38.2	YES	JE	NG	KER		1.8	
TC Ravenswood, LLC	Ravenswood 2-2		J	24245	Queens	081	36	1970-12-01	42.9	37.6	31.1	42.2		JE	NG			1.7	
TC Ravenswood, LLC	Ravenswood 2-3		J	24246	Queens	081	36	1970-12-01	42.9	39.2	28.6	35.6		JE	NG			0.8	
TC Ravenswood, LLC	Ravenswood 2-4		J	24247	Queens	081	36	1970-12-01	42.9	39.8	31.7	40.8		JE	NG			1.7	
TC Ravenswood, LLC	Ravenswood 3-1		J	24248	Queens	081	36	1970-08-01	42.9	40.5	31.3	40.8		JE	NG			1.5	
TC Ravenswood, LLC	Ravenswood 3-2		J	24249	Queens	081	36	1970-08-01	42.9	38.1	26.8	36.3		JE	NG			1.0	
TC Ravenswood, LLC	Ravenswood 3-4		J	24251	Queens	081	36	1970-08-01	42.9	35.8	30.3	40.9		JE	NG			1.7	
TC Ravenswood, LLC	Ravenswood CC 04		J	23820	Queens	081	36	2004-05-01	250.0	231.2	217.7	267.3	YES	CC	NG	FO2		1,531.8	
TC Ravenswood, LLC	Ravenswood ST 01		J	23533	Queens	081	36	1963-02-01	400.0	365.1	365.2	363.2	YES	ST	FO6	NG		914.4	
TC Ravenswood, LLC	Ravenswood ST 02		J	23534	Queens	081	36	1963-05-01	400.0	391.6	366.5	374.7	YES	ST	FO6	NG		883.3	
TC Ravenswood, LLC	Ravenswood ST 03		J	23535	Queens	081	36	1965-06-01	1,027.0	986.8	968.9	964.4	YES	ST	FO6	NG		1,439.2	
TransAlta Energy Marketing (U.S.) Inc.	Saranac Energy		D	23793	Plattsburgh	019	36	1994-06-01	285.6	253.7	246.4	270.4		CC	NG			185.3	
Triton Power Company	Chateaugay High Falls		D	323578	Chateaugay	033	36	1987-12-01	1.7	1.7	0.0	0.0		HY	WAT			6.4	
Western New York Wind Corp.	Western NY Wind Power		B	24143	Wethersfield	121	36	2000-10-01	6.6	0.0	0.0	0.0		WT	WND			13.6	
Wheelabrator Hudson Falls, LLC	Wheelabrator Hudson Falls		F	23798	Hudson Falls	115	36	1991-10-01	14.4	12.7	11.8	11.4		ST	REF			74.2	
Wheelabrator Westchester, LP	Wheelabrator Westchester		H	23653	Peekskill	119	36	1984-04-01	59.7	53.5	52.1	53.0		ST	REF			396.7	
									44,686.1	**40,308.0**	**38,575.5**	**40,994.7**						**142,345.9**	

NOTES FOR TABLE III-2 (Existing Generating Facilities)

Note	Owner / Operator	Station Unit	Zone	PTID	Note
1	Erie Blvd. Hydro - North Salmon	Hogansburg (RET - 3/17/15)	D	24042	Unit produced power during months Jan - Mar 2015.
2	Innovative Energy Systems, Inc.	Auburn LFG	C	323710	Unit produced power during Dec 2015.
3	Niagara Generation, LLC	Niagara Bio-Gen (IIFO - 1/1/16)	A	23895	Unit produced power during months Jan - Jun 2015.
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	Summer Capability reflects DMNC values that are applicable to the Summer 2016 ICAP Market. Winter Capability reflects DMNC values that were applicable to the Winter 2015-2016 ICAP Market. DMNC stands for Dependable Maximum Net Generating Capability.
D	Various	Reactivated Generator	A-K	Various	Unit(s) returned to service from mothballed status or from a Mothball Outage as defined in the MST.
G	Various	Generating Station	A-K	Various	Generation is reported as Station Total.
I	Various	ICAP Ineligible Generator	A-K	Various	This unit is in an ICAP Ineligible Forced Outage (IIFO) as defined in the MST.
M	Various	Mothballed Generator	A-K	Various	This unit is mothballed or is in a Mothball Outage per MST Section 5.18.
N	Various	New Generator	A-K	Various	Unit(s) added since the publication of the 2015 Load and Capacity Data Report.
R	Various	Retired Generator	A-K	Various	This unit is retired or Retired as defined in the MST.
S	Various	RSS Generator	A-K	Various	This unit is operating under a RSS (Reliability Support Services) agreement.
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.
V	Various	Generating Units	A-K	Various	Typically, Name Plate refers to a historic rating and may not reflect the most current value.

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	819.2	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	**825.4**
	Steam Turbine (Oil & Gas)	0.0	0.0	823.5	0.0	0.0	0.0	2,465.6	0.0	0.0	2,786.7	2,346.2	**8,422.0**
	Steam Turbine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	351.5	0.0	0.0	1,030.0	0.0	**1,381.5**
	Steam Turbine (Coal)	716.8	0.0	300.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1,017.3**
	Combined Cycle (Oil & Gas)	386.0	0.0	308.8	81.1	135.7	2,940.3	0.0	0.0	0.0	3,250.8	565.8	**7,668.5**
	Combined Cycle (Gas)	0.0	109.7	921.2	246.4	50.5	0.0	0.0	0.0	0.0	0.0	127.6	**1,455.4**
	Jet Engine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	68.3	0.0	0.0	0.0	673.4	**741.7**
	Jet Engine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	966.2	161.3	**1,127.5**
	Jet Engine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179.8	54.2	**234.0**
	Combustion Turbine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	361.3	605.3	**985.6**
	Combustion Turbine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	19.6	0.0	0.0	598.6	345.8	**964.0**
	Combustion Turbine (Gas)	38.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	446.1	227.7	**716.9**
	Internal Combustion (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.2	**25.2**
	Internal Combustion (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.2	**29.2**
	Internal Combustion (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**
Pumped Storage	Pumped Storage Hydro	240.0	0.0	0.0	0.0	0.0	1,165.7	0.0	0.0	0.0	0.0	0.0	**1,405.7**
Nuclear	Steam (PWR Nuclear)	0.0	581.4	0.0	0.0	0.0	0.0	0.0	2,051.5	0.0	0.0	0.0	**2,632.9**
	Steam (BWR Nuclear)	0.0	0.0	2,768.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**2,768.6**
Renewable (1)	Conventional Hydro	2,460.2	63.6	108.4	915.0	376.6	313.4	77.8	0.0	0.0	0.0	0.0	**4,315.0**
	Internal Combustion (Methane)	18.4	13.6	45.7	6.4	11.2	10.4	0.0	0.0	0.0	0.0	0.0	**105.7**
	Steam Turbine (Wood)	0.0	0.0	0.0	0.0	19.9	0.0	0.0	0.0	0.0	0.0	0.0	**19.9**
	Steam Turbine (Refuse)	34.2	0.0	31.6	0.0	0.0	11.8	7.4	52.1	0.0	0.0	118.6	**255.7**
	Wind	100.5	0.0	518.4	385.5	441.9	0.0	0.0	0.0	0.0	0.0	0.0	**1,446.3**
	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	**3,994.1**	**768.3**	**6,651.0**	**1,634.4**	**1,035.8**	**4,447.8**	**3,009.2**	**2,103.6**	**0.0**	**9,619.5**	**5,311.8**	**38,575.5**

(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.

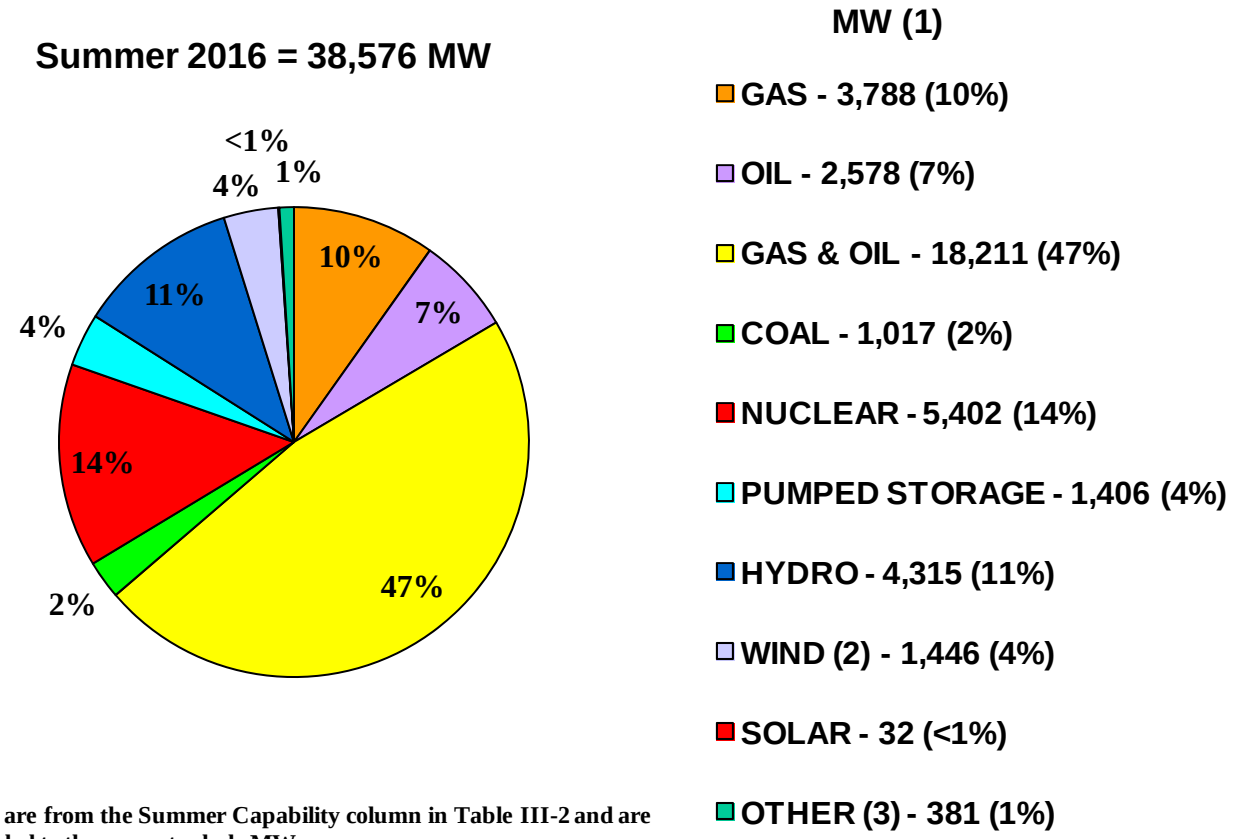
Table III-3b: Capability by Zone and Type – Winter

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	825.2	0.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0	**835.0**
	Steam Turbine (Oil & Gas)	0.0	0.0	816.2	0.0	0.0	0.0	2,481.5	0.0	0.0	2,789.5	2,362.6	**8,449.8**
	Steam Turbine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	362.0	0.0	0.0	1,024.8	0.0	**1,386.8**
	Steam Turbine (Coal)	723.2	0.0	309.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1,032.3**
	Combined Cycle (Oil & Gas)	428.5	0.0	368.8	92.3	153.8	3,487.8	0.0	0.0	0.0	3,671.4	653.5	**8,856.1**
	Combined Cycle (Gas)	0.0	122.0	1,126.4	270.4	63.0	0.0	0.0	0.0	0.0	0.0	137.7	**1,719.5**
	Jet Engine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	84.9	0.0	0.0	0.0	804.8	**889.7**
	Jet Engine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,136.5	199.0	**1,335.5**
	Jet Engine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	236.6	59.4	**296.0**
	Combustion Turbine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	23.5	0.0	0.0	471.9	735.2	**1,230.6**
	Combustion Turbine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	23.6	0.0	0.0	770.6	385.4	**1,179.6**
	Combustion Turbine (Gas)	45.8	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	451.6	234.2	**739.1**
	Internal Combustion (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.3	**26.3**
	Internal Combustion (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.2	**29.2**
	Internal Combustion (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**
Pumped Storage	Pumped Storage Hydro	240.0	0.0	0.0	0.0	0.0	1,163.5	0.0	0.0	0.0	0.0	0.0	**1,403.5**
Nuclear	Steam (PWR Nuclear)	0.0	582.1	0.0	0.0	0.0	0.0	0.0	2,071.1	0.0	0.0	0.0	**2,653.2**
	Steam (BWR Nuclear)	0.0	0.0	2,781.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**2,781.5**
Renewable (1)	Conventional Hydro	2,469.2	63.6	108.4	882.3	376.1	313.4	78.2	0.0	0.0	0.0	0.0	**4,291.2**
	Internal Combustion (Methane)	18.4	13.6	45.7	6.4	11.2	10.4	0.0	0.0	0.0	0.0	0.0	**105.7**
	Steam Turbine (Wood)	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	**20.0**
	Steam Turbine (Refuse)	35.0	0.0	28.9	0.0	0.0	11.4	7.9	53.0	0.0	0.0	120.1	**256.3**
	Wind	100.5	0.0	518.4	385.5	441.9	0.0	0.0	0.0	0.0	0.0	0.0	**1,446.3**
	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	**4,060.6**	**781.3**	**6,936.1**	**1,636.9**	**1,066.0**	**4,996.3**	**3,061.6**	**2,124.1**	**0.0**	**10,552.9**	**5,778.9**	**40,994.7**

(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: 2016 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 1754 MW of Installed Nameplate, 308 MW do not participate in the Installed Capacity market.

(3) - Includes Methane, Refuse & Wood.

Figure III-2: 2015 NYCA Energy Generation by Fuel Type

Renewable Resources (3)

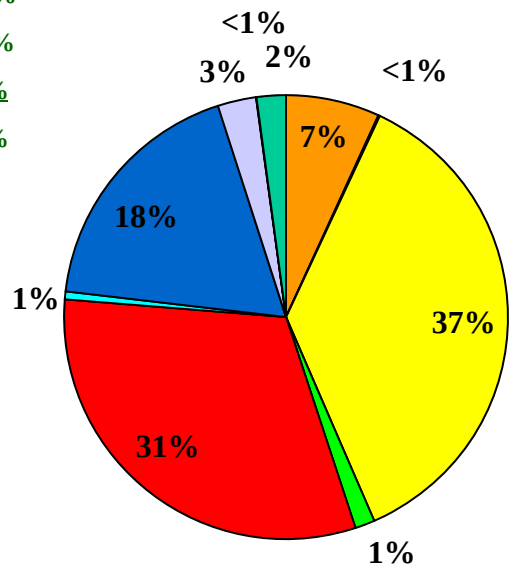
Conventional Hydro 18%

Wind 3%

Solar <1%

Other 2%

Total 23%



GWh (1)

- GAS - 9,737 (7%)
- OIL - 146 (<1%)
- GAS & OIL - 52,028 (37%)
- COAL - 2,046 (1%)
- NUCLEAR - 44,620 (31%)
- PUMPED STORAGE - 825 (1%)
- HYDRO - 25,879 (18%)
- WIND - 3,984 (3%)
- SOLAR - 52 (<1%)
- OTHER (2) - 3,028 (2%)

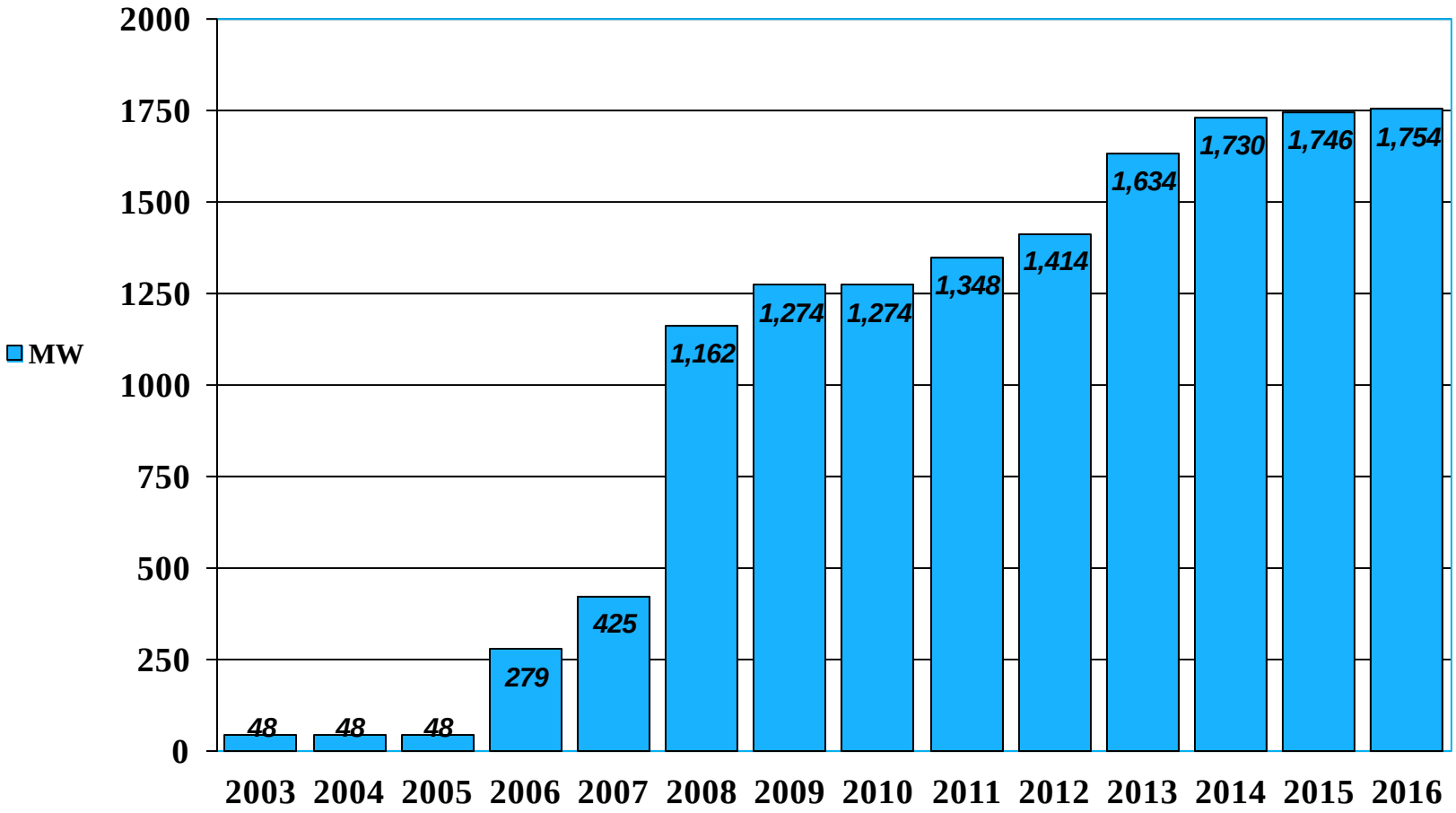
Total 2015 = 142,346 GWh

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

(2) - Includes Methane, Refuse & Wood.

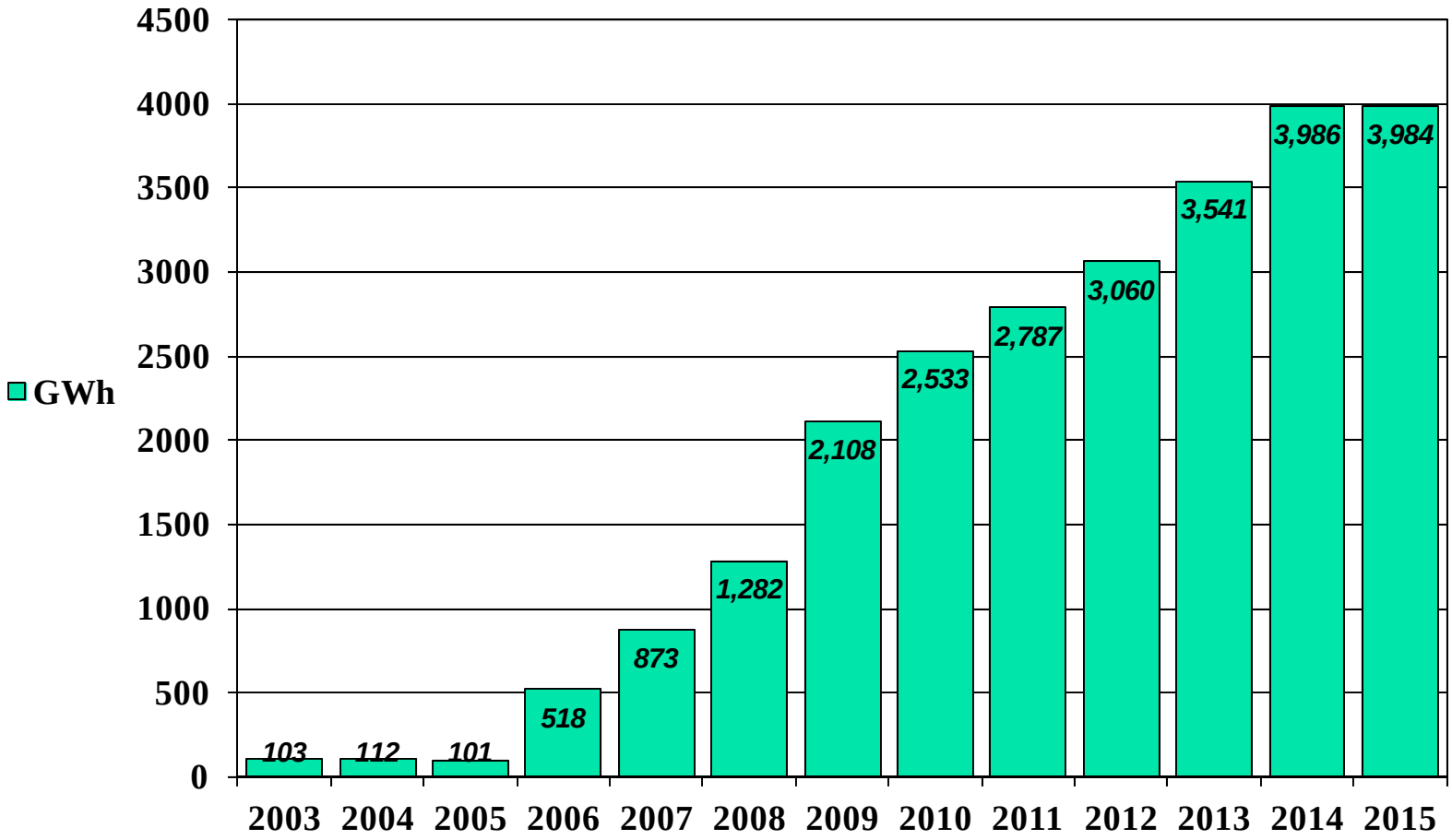
(3) – Renewable Resources do not necessarily match the NYS Renewable Portfolio Standard (RPS) Definition.

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



Note: Installed MW values are as of March 15, 2016. Not all wind generation participates in the NYISO Capacity Market.

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



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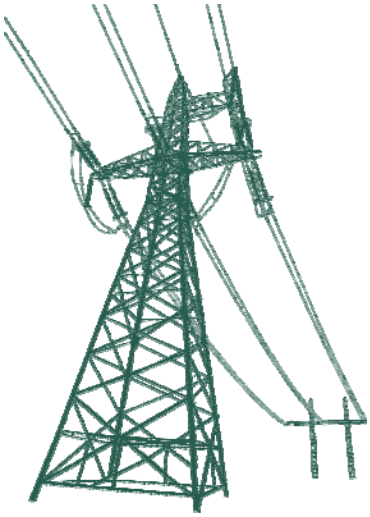
SECTION IV:

CHANGES IN GENERATING CAPACITY
AS OF MARCH 15, 2016



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Section IV

This section reports a list of proposed projects pursuing the NYISO interconnection process by Class Year[7], together with other generator additions, re-ratings, and deactivations. Table IV-1 lists proposed facilities that have completed, are enrolled in, or are candidates to enter a Class Year Interconnection Facilities Study, or have met other comparable milestones. Table IV-2 reports units that have proposed re-ratings. Table IV-3 shows deactivated units that are no longer listed in Existing Capacity Table III-2 and have unexpired CRIS MW. Table IV-4 shows units that remain listed in Table III-2 and that have been deactivated since the publication of the 2015 *Gold Book*. Table IV-5 lists units which have provided a notice of deactivation at some future date. These tables are current through March 15, 2016.

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 currently qualify as Installed Capacity Suppliers to the NYCA.[8]

[7] 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.

[8] As noted in Section 4.9.6 of the NYISO Installed Capacity Manual, Version 6.32 (ICAP Manual), the resources within the IESO Control Area may qualify as Installed Capacity Suppliers to the NYCA for the Winter 2016-2017 Capability Period if, prior to September 1, 2016, the IESO Control Area satisfies the eligibility criteria for supplying Unforced Capacity to the NYCA specified in the ICAP Manual, Section 2.7.

Table IV-1: Proposed Generator Additions & CRIS Requests

QUEUE POS.	OWNER / OPERATOR	STATION UNIT	ZONE	DATE	NAMEPLATE RATING (MW)	REQUESTED CRIS (MW)[1]	CRIS[1] (MW)	SUMMER (MW)	WINTER (MW)	UNIT TYPE	CLASS YEAR	NOTES
		Completed Class Year Facilities Study										
349	Taylor Biomass Energy Mont., LLC	Taylor Biomass	G	2018/04	21.0	N/A	19.0	19.0	22.5	Solid Waste	2011	(2)
251	CPV Valley, LLC	CPV Valley Energy Center	G	2017/10	820.0	N/A	680.0	677.6	690.6	Combined Cycle	2011	(2)
197	PPM Roaring Brook, LLC / PPM	Roaring Brook Wind	E	2017/12	78.0	N/A	0.0	78.0	78.0	Wind Turbines	2008	(2)
		Class Year 2015										
431	Greenidge Generation	Greenidge Unit #4	C	2016/09	106.3	106.3	TBD	106.3	106.3	Steam Turbine		(3)
395	Copenhagen Wind Farm, LLC	Copenhagen Wind	E	2016/10	79.9	79.9	TBD	79.9	79.9	Wind Turbines		(3)
397	EDP Renewables North America	Jericho Rise Wind	D	2017/07	79.9	77.7	TBD	77.7	77.7	Wind Turbines		(3)
401	Caithness Long Island II, LLC	Caithness Long Island II	K	2019/05	807.0	744.0	TBD	744.0	807.0	Combined Cycle		(3)
		Class Year 2015 CRIS Requests										
	Marble River, LLC	Marble River Wind	D	N/A	215.5	215.2	TBD	N/A	N/A			
	HQ-US	HQ-US (External CRIS Rights)	E	N/A	N/A	20.0	TBD	N/A	N/A			
	ConEd	East River 1 Uprate	J	N/A	185.0	10.0	TBD	N/A	N/A			
	ConEd	East River 2 Uprate	J	N/A	185.0	10.0	TBD	N/A	N/A			
	Bowline	Bowline 2	G	N/A	621.0	10.0	TBD	N/A	N/A			
	East Coast Power, LLC	Linden Cogeneration Plant	J	N/A	1034.9	35.5	TBD	N/A	N/A			
	Astoria Energy	CC1 and CC2	J	N/A	640.0	27.8	TBD	N/A	N/A			
	Stony Creek Energy, LLC	Stony Creek	C	N/A	93.9	5.9	TBD	N/A	N/A			
		Future Class Year Candidates[5]										
270	Wind Development Contract Co, LLC	Hounsfield Wind	E	TBD	244.8	TBD	TBD	244.8	244.8	Wind Turbines		(4)
382	Astoria Generating Co.	South Pier Improvement	J	2016/06	95.5	TBD	TBD	91.2	95.5	Combustion Turbines		(3)
383	NRG Energy, Inc.	Bowline Gen. Station Unit #3	G	2016/06	814.0	TBD	TBD	775.0	814.0	Combined Cycle		(3)
440	Erie Power, LLC	Erie Power	A	2016/08	88.0	TBD	TBD	79.4	88.0	Combined Cycle		(3)
467	Invenergy Solar Development, LLC	Tallgrass Solar	K	2016/11	25.0	TBD	TBD	25.0	25.0	Solar		(3)
396	Baron Winds, LLC	Baron Winds	C	2016/12	300.0	TBD	TBD	300.0	300.0	Wind Turbines		(3)
361	US PowerGen Co.	Luyster Creek Energy	J	2017/06	508.6	TBD	TBD	401.0	444.0	Combined Cycle		(3)
372	Dry Lots Wind, LLC	Dry Lots Wind	E	2017/11	33.0	TBD	TBD	33.0	33.0	Wind Turbines		(3)
371	South Moutain Wind, LLC	South Mountain Wind	E	2017/12	18.0	TBD	TBD	18.0	18.0	Wind Turbines		(3)
276	Air Energie TCI, Inc.	Crown City Wind	C	2018/12	90.0	TBD	TBD	90.0	90.0	Wind Turbines		(3)
387	Cassadaga Wind, LLC	Cassadaga Wind	A	2018/12	126.0	TBD	TBD	126.0	126.0	Wind Turbines		(3)
444	Cricket Valley Energy Center, LLC	Cricket Valley Energy Center II	G	2019/08	1177.2	TBD	TBD	1020.0	1132.0	Combined Cycle		(3)
347	Franklin Wind Farm, LLC	Franklin Wind	E	2019/12	50.4	TBD	TBD	50.4	50.4	Wind Turbines		(3)
		Other Non Class Year Generators[6]										
180A	Green Power	Cody Rd.	C	2016/07	10.0	0.0	0.0	10.0	10.0	Wind Turbines		(3)
377	Monroe County	Monroe County Mill Seat	B	2016/07	3.2	0.0	0.0	3.2	3.2	Methane		(3)
398	Black Oak Wind Farm, LLC	Black Oak Wind	C	2016/09	12.6	0.0	0.0	12.6	12.6	Wind Turbines		(3)
362	Monticello Hills Wind, LLC	Monticello Hills Wind	E	2016/12	19.8	0.0	0.0	19.8	19.8	Wind Turbines		(3)
					Total			**5,081.9**	**5,368.3**			

Notes:

1. "Requested CRIS" values reflect the Summer CRIS MW initially requested in the current Class Year Deliverability Study. "CRIS" values reflect the Summer CRIS MW deemed deliverable. See Definitions of Labels on Load & Capacity Schedule (Sec. V) for description.

2. Projects that have completed a Class Year Interconnection Facilities Study are included as new additions in this year's Load and Capacity Schedule, Table V-2a & V-2b.

3. Projects that have not completed a Class Year Interconnection Facilities Study are included as proposed resource changes in this years's Load & Capacity Schedule, Table V-2a.

4. Projects that are not included in this year's Load & Capacity Schedule, Table V-2a and V-2b.

5. Projects that are potential candidates for a Class Year Study after Class Year 2015, 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 Facilities are required.

6. 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[1]

							INCREMENTAL CAPABILITY (MW)				TOTAL CAPABILITY (MW)				
QUEUE POS.	OWNER / OPERATOR	STATION UNIT	ZONE	DATE	PTID	Class Year	Nameplate Rating	CRIS	SUMMER	WINTER	Nameplate Rating	CRIS	SUMMER	WINTER	Notes
461	Consolidated Edison Co. of NY, Inc.	East River 1 Uprate	J	TBD	323558	(3)	0.0	0.0	2.0	2.0	185.0	TBD	160.5	194.3	(5)
462	Consolidated Edison Co. of NY, Inc.	East River 2 Uprate	J	TBD	323559	(3)	0.0	0.0	2.0	2.0	185.0	TBD	162.4	195.3	(5)
403	PSEG Power New York	Bethlehem Energy Center	F	2017-2018	23843	(2)	11.9	TBD	72.0	51.2	905.0	TBD	835.0	905.0	(4)
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	(4)
						Total	**18.2**	**0.0**	**82.3**	**61.5**	**1,289.8**	**6.5**	**1,172.7**	**1,309.4**	

1. Re-ratings other than de minimis increases in capacity permitted by Section 30.3.1 of Attachments X and Section 32.1.3 of Attachment Z to the OATT.
2. Member of Class Year 2015.
3. Future Class Candidate.
4. Projects that are included as proposed resource changes in this year's Load & Capacity Schedule, Table V-2a.
5. Projects that are not included in this year's Load & Capacity Schedule, Table V-2a and V-2b.

Tables IV-3, IV-4 and IV-5: Generator Deactivations

Table IV-3: Deactivated Units with Unexpired CRIS Rights Not Listed in Existing Capacity Table III-2

OWNER / OPERATOR	STATION UNIT	ZONE	Date (1)	PTID	CRIS (2)	SUMMER (2)	WINTER (2)	Status (3)
Erie Blvd. Hydro - Seneca Oswego	Seneca Oswego Fulton 1	C	Aug 2013	24041	0.7	0.8	0.8	M
Erie Blvd. Hydro - Seneca Oswego	Seneca Oswego Fulton 2	C	Aug 2013	24041	0.3	0.5	0.5	M
Long Island Power Authority	Montauk Units #2, #3, #4	K	May 2013	23721	6.0	5.7	3.2	R
NRG Power Marketing LLC	Dunkirk 1	A	Jun 2013	23563	96.2	75.0	75.0	M
NRG Power Marketing LLC	Dunkirk 3	A	Sep 2012	23565	201.4	185.0	185.0	M
NRG Power Marketing LLC	Dunkirk 4	A	Sep 2012	23566	199.1	185.0	185.0	M
ReEnergy Chateaugay LLC	Chateaugay Power	D	Sep 2013	23792	18.6	18.2	18.5	M
Rochester Gas and Electric Corp.	Station 9	B	Mar 2014	23652	15.8	14.3	18.3	R
Syracuse Energy Corporation	Syracuse Energy ST1	C	Sep 2013	323597	11.0	11.0	11.0	R
Syracuse Energy Corporation	Syracuse Energy ST2	C	Sep 2013	323598	58.9	63.9	61.4	R
TC Ravenswood, LLC	Ravenswood 07	J	Mar 2014	24255	16.5	12.7	15.4	M
TC Ravenswood, LLC	Ravenswood 3-3	J	Oct 2014	24250	37.7	33.1	37.6	M
				Total	**662.2**	**605.2**	**611.7**	

1. Approximate date of generator status change; not necessarily the date the generator became CRIS-inactive.

2. The CRIS, and Summer and Winter capacity levels are those that were in effect when the unit was last in-service.

3. M = Mothballed pursuant to rules effective prior to 5/1/2015; R = retired pursuant to rules effective prior to 5/1/2015.

Table IV-4: Deactivated Units Listed in Existing Capacity Table III-2

					CAPABILITY (MW)			
OWNER / OPERATOR	**STATION UNIT**	**ZONE**	**DATE**	**PTID**	**CRIS**	**SUMMER**	**WINTER**	**Status (1)**
Erie Blvd. Hydro - North Salmon	Hogansburg	D	3/13/2015	24042	0.3	0.7	0.7	R
Niagara Generation LLC	Niagara Bio-Gen	A	1/1/2016	23895	50.5	39.7	37.2	I
NRG Power Marketing LLC	Astoria GT 05	J	1/1/2016	24106	16.0	12.3	14.9	I
NRG Power Marketing LLC	Astoria GT 07	J	1/1/2016	24107	15.5	11.5	14.3	I
NRG Power Marketing LLC	Astoria GT 12	J	1/1/2016	24226	22.7	17.7	22.3	I
NRG Power Marketing LLC	Astoria GT 13	J	1/1/2016	24227	24.0	16.9	22.7	I
NRG Power Marketing LLC	Dunkirk 2	A	1/1/2016	23564	97.2	75.0	75.0	MO
NRG Power Marketing LLC	Huntley 67	A	3/1/2016	23561	196.5	187.9	188.0	R
NRG Power Marketing LLC	Huntley 68	A	3/1/2016	23562	198.0	189.5	186.8	R
				Total	**620.7**	**551.2**	**561.9**	

1. MO = Mothball Outage per MST Section 5.18; R = retired or Retired as defined in the MST; I = ICAP Ineligible Forced Outage per MST Section 5.18.

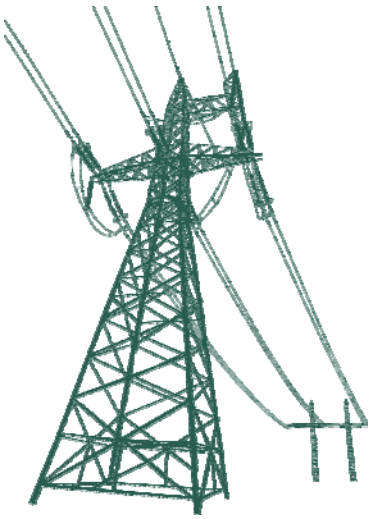
Table IV-5: Notices of Proposed Deactivations as of March 15, 2016

					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	150.1	152.3	(2)
Cayuga Operating Company, LLC	Cayuga 2	C	07/01/2017	23585	154.7	150.4	156.8	(2)
Entergy Nuclear Power Marketing LLC	Fitzpatrick 1	C	01/01/2017	23598	858.9	852.9	853.3	(4)
R.E. Ginna Nuclear Power Plant, LLC	Ginna	B	04/01/2017	23603	582.0	581.4	582.1	(3)
NRG Power Marketing LLC	Astoria GT 08	J	TBD	24108	15.3	11.4	14.8	(5)
NRG Power Marketing LLC	Astoria GT 10	J	TBD	24110	24.9	18.4	22.6	(5)
NRG Power Marketing LLC	Astoria GT 11	J	TBD	24225	23.6	16.5	23.7	(5)
TC Ravenswood, LLC	Ravenswood 04	J	04/30/2016	24252	15.2	12.9	15.6	
TC Ravenswood, LLC	Ravenswood 05	J	04/30/2016	24254	15.7	15.5	17.2	
TC Ravenswood, LLC	Ravenswood 06	J	04/30/2016	24253	16.7	12.6	16.5	
				Total	**1861.1**	**1822.1**	**1854.9**	

1. The generator's proposed date of deactivation.
2. Unit is currently operating under a Reliability Support Services agreement through June 30, 2017.
3. See NYPSC Case No. 14-E-0270, Petition for Initiation of Proceeding to Examine Proposal for Continued Operation of R.E. Ginna Nuclear Power Plant, Order Directing Negotiations of a Reliability Support Services Agreement and Making Related Findings (November 14, 2014), at 17-18.
4. Generator's proposed date of deactivation: Q4 2016 - Q1 2017.
5. NRG Power Marketing LLC has requested that the PSC waive the 90 day notification requirement and allow Astoria GT Units 8, 10, and 11 to mothball as soon as allowed under the NYISO's rules.

SECTION V:

LOAD & CAPACITY SCHEDULE
AS OF MARCH 15, 2016



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Section V

This section provides a summary of NYCA load and capacity from 2015 through 2026. Table V-1 is a summary of Net Purchases from External Control Areas from 2016 through 2026, Table V-2a is a summary of the NYCA Load and Capacity Schedule for the Summer Capability Period from 2015 through 2026, and Table V-2b is a summary of the NYCA Load and Capacity Schedule for the Winter Capability Period from Winter 2015/2016 through 2026/2027. Information for Tables V-2a and V-2b is obtained from Tables I-1, III-2, IV-1 through IV-5, and V-1. Definitions of the entries reported in Table V-2 are on the following page.

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 1,248 MW of summer capacity and 842 MW of winter capacity. Tables V-2a and V-2b also report the summer and winter capacity projections for Special Case Resources.

The NYCA Resource Capability for 2016 Summer Capability Period totals 39,783 MW. With the inclusion of Net Purchases, the Total Resource Capability is 41,552 MW for the 2016 Summer Capability Period.

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	Generating additions expected prior to the seasonal peak demand
Uprates	Generator uprates expected prior to the seasonal peak demand
Noticed Deactivations	Noticed generator deactivations (retirements, mothballs, generator outages) expected 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	Positive values of net purchases represent capacity that is imported to NYCA, after subtracting sales that are exported to other 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 Net Purchases
Peak Demand Forecast	Baseline forecast of coincident peak demand of the New York Control Area
Installed Reserve	Total Resource Capability minus Peak Demand Forecast
Installed Reserve Percent	Installed Reserve divided by Peak Demand Forecast expressed as a percentage
Proposed Resource Changes	All proposed generator additions, re-ratings and retirements from Section IV, except those that have met Base Case inclusion rules as described in the Reliability Planning Process (RPP) manual
Adjusted Resource Capability	The Total Resource Capability plus all Proposed Resource Changes
Adjusted Installed Reserve	Adjusted Resource Capability minus Peak Demand
Adjusted Installed Reserve Percent	Adjusted Installed Reserve divided by Peak Demand expressed as a percentage
Capacity Resource Interconnection Service (CRIS)	CRIS values, in MW of Installed Capacity, for the Summer Capability Period established pursuant to the applicable deliverability requirements contained in Attachments X, S, and Z to the NYISO OATT

Table V-1: Summary of Net Purchases from External Control Areas

SUMMER NET PURCHASES (1, 2, 3)

MW

2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
1769.1	1829.1	1564.1	1573.1	2235.1	2235.1	2235.1	2235.1	2235.1	2235.1	2235.1

WINTER NET PURCHASES (1, 2, 3)

MW

2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
503.7	680.7	415.7	424.7	1086.7	1086.7	1086.7	1086.7	1086.7	1086.7	1086.7

(1) Positive Net Purchases represent that NYCA purchases from other control areas are greater than total sales to them.

(2) Figures include the election of Unforced Capacity Deliverability Rights (UDRs), External CRIS Rights, Existing Transmission Capacity for Native Load (ETCNL) elections, First Come First Serve Rights (FCFSR) as currently known, and grandfathered exports.
For more information on the use of UDRs, please see section 4.14 of the ICAP Manual.

(3) The only forward capacity market transactions reflected in the above values are forward capacity market transactions with ISO-NE through 2019, excluding wheel transactions from HQ.

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

SUMMER CAPABILITY	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**Totals**
						MW							
Steam Turbine (Oil)	838.0	825.4	825.4	825.4	825.4	825.4	825.4	825.4	825.4	825.4	825.4	825.4	
Steam Turbine (Oil & Gas)	8057.5	8422.0	8422.0	8422.0	8422.0	8422.0	8422.0	8422.0	8422.0	8422.0	8422.0	8422.0	
Steam Turbine (Gas)	1378.7	1381.5	1381.5	1381.5	1381.5	1381.5	1381.5	1381.5	1381.5	1381.5	1381.5	1381.5	
Steam Turbine (Coal)	1468.6	1017.3	1017.3	708.2	708.2	708.2	708.2	708.2	708.2	708.2	708.2	708.2	
Combined Cycle (Oil & Gas)	7568.0	7668.5	7668.5	7668.5	8346.1	8346.1	8346.1	8346.1	8346.1	8346.1	8346.1	8346.1	
Combined Cycle (Gas)	1441.7	1455.4	1455.4	1455.4	1455.4	1455.4	1455.4	1455.4	1455.4	1455.4	1455.4	1455.4	
Jet Engine (Oil)	722.5	741.7	741.7	741.7	741.7	741.7	741.7	741.7	741.7	741.7	741.7	741.7	
Jet Engine (Oil & Gas)	1067.6	1127.5	1127.5	1127.5	1127.5	1127.5	1127.5	1127.5	1127.5	1127.5	1127.5	1127.5	
Jet Engine (Gas)	241.8	234.0	234.0	234.0	234.0	234.0	234.0	234.0	234.0	234.0	234.0	234.0	
Combustion Turbine (Oil)	1074.6	985.6	970.1	970.1	970.1	970.1	970.1	970.1	970.1	970.1	970.1	970.1	
Combustion Turbine (Oil & Gas)	961.1	964.0	938.5	938.5	938.5	938.5	938.5	938.5	938.5	938.5	938.5	938.5	
Combustion Turbine (Gas)	719.0	716.9	716.9	716.9	716.9	716.9	716.9	716.9	716.9	716.9	716.9	716.9	
Internal Combustion (Oil)	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	
Internal Combustion (Oil & Gas)	29.4	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	
Internal Combustion (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pumped Storage Hydro	1407.2	1405.7	1405.7	1405.7	1405.7	1405.7	1405.7	1405.7	1405.7	1405.7	1405.7	1405.7	
Steam (PWR Nuclear)	2636.2	2632.9	2632.9	2051.5	2051.5	2051.5	2051.5	2051.5	2051.5	2051.5	2051.5	2051.5	
Steam (BWR Nuclear)	2763.8	2768.6	2768.6	1915.7	1915.7	1915.7	1915.7	1915.7	1915.7	1915.7	1915.7	1915.7	
Conventional Hydro	4292.0	4315.0	4315.0	4315.0	4315.0	4315.0	4315.0	4315.0	4315.0	4315.0	4315.0	4315.0	
Internal Combustion (Methane)	105.3	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	
Steam Turbine (Wood)	114.3	19.9	19.9	19.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	
Steam Turbine (Refuse)	259.9	255.7	255.7	255.7	255.7	255.7	255.7	255.7	255.7	255.7	255.7	255.7	
Wind	1460.7	1446.3	1446.3	1446.3	1524.3	1524.3	1524.3	1524.3	1524.3	1524.3	1524.3	1524.3	
Solar	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	38664.5	38575.5	38534.5	36791.1	37565.7	37565.7	37565.7	37565.7	37565.7	37565.7	37565.7	37565.7	
Special Case Resources - SCR (3)	1124.4	1248.0	1248.0	1248.0	1248.0	1248.0	1248.0	1248.0	1248.0	1248.0	1248.0	1248.0	
Additions and Uprates (2)	374.4	0.0	0.0	774.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**774.6**
Noticed Deactivations (9)	0.0	-41.0	-1743.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**-1784.4**
NYCA RESOURCE CAPABILITY	40163.3	39782.5	38039.1	38813.7	38813.7	38813.7	38813.7	38813.7	38813.7	38813.7	38813.7	38813.7	
Net Purchases (1) (7)	1446.4	1769.1	1829.1	1564.1	1573.1	2235.1	2235.1	2235.1	2235.1	2235.1	2235.1	2235.1	
TOTAL RESOURCE CAPABILITY	41609.7	41551.6	39868.2	40377.8	40386.8	41048.8	41048.8	41048.8	41048.8	41048.8	41048.8	41048.8	
BASE FORECAST													
Peak Demand Forecast		33360.0	33363.0	33404.0	33477.0	33501.0	33555.0	33650.0	33748.0	33833.0	33926.0	34056.0	
Installed Reserve		8191.6	6505.2	6973.8	6909.8	7547.8	7493.8	7398.8	7300.8	7215.8	7122.8	6992.8	
Installed Reserve Percent (4)		24.6	19.5	20.9	20.6	22.5	22.3	22.0	21.6	21.3	21.0	20.5	
Proposed Resource Changes (11)		958.8	1981.1	2104.1	4090.4	4140.8	4140.8	4140.8	4140.8	4140.8	4140.8	4140.8	
Adjusted Resource Capability		42510.4	41849.3	42481.9	44477.2	45189.6	45189.6	45189.6	45189.6	45189.6	45189.6	45189.6	
Adjusted Installed Reserve		9150.4	8486.3	9077.9	11000.2	11688.6	11634.6	11539.6	11441.6	11356.6	11263.6	11133.6	
Adjusted Installed Reserve Percent		27.4	25.4	27.2	32.9	34.9	34.7	34.3	33.9	33.6	33.2	32.7	

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

WINTER CAPABILITY	**2015/16**	**2016/17**	**2017/18**	**2018/19**	**2019/20**	**2020/21**	**2021/22**	**2022/23**	**2023/24**	**2024/25**	**2025/26**	**2026/27**	**Totals**
						MW							
Steam Turbine (Oil)	835.3	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	835.0	
Steam Turbine (Oil & Gas)	8041.1	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	
Steam Turbine (Gas)	1350.8	1386.8	1386.8	1386.8	1386.8	1386.8	1386.8	1386.8	1386.8	1386.8	1386.8	1386.8	
Steam Turbine (Coal)	1469.0	1032.3	1032.3	723.2	723.2	723.2	723.2	723.2	723.2	723.2	723.2	723.2	
Combined Cycle (Oil & Gas)	8765.2	8856.1	8856.1	9546.7	9546.7	9546.7	9546.7	9546.7	9546.7	9546.7	9546.7	9546.7	
Combined Cycle (Gas)	1704.2	1719.5	1719.5	1719.5	1719.5	1719.5	1719.5	1719.5	1719.5	1719.5	1719.5	1719.5	
Jet Engine (Oil)	872.4	889.7	889.7	889.7	889.7	889.7	889.7	889.7	889.7	889.7	889.7	889.7	
Jet Engine (Oil & Gas)	1279.4	1335.5	1335.5	1335.5	1335.5	1335.5	1335.5	1335.5	1335.5	1335.5	1335.5	1335.5	
Jet Engine (Gas)	290.3	296.0	296.0	296.0	296.0	296.0	296.0	296.0	296.0	296.0	296.0	296.0	
Combustion Turbine (Oil)	1357.3	1230.6	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	
Combustion Turbine (Oil & Gas)	1168.2	1179.6	1147.5	1147.5	1147.5	1147.5	1147.5	1147.5	1147.5	1147.5	1147.5	1147.5	
Combustion Turbine (Gas)	740.6	739.1	739.1	739.1	739.1	739.1	739.1	739.1	739.1	739.1	739.1	739.1	
Internal Combustion (Oil)	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	
Internal Combustion (Oil & Gas)	29.4	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	
Internal Combustion (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pumped Storage Hydro	1409.2	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	
Steam (PWR Nuclear)	2660.8	2653.2	2653.2	2071.1	2071.1	2071.1	2071.1	2071.1	2071.1	2071.1	2071.1	2071.1	
Steam (BWR Nuclear)	2779.1	2781.5	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2	
Conventional Hydro	4266.6	4291.2	4291.2	4291.2	4291.2	4291.2	4291.2	4291.2	4291.2	4291.2	4291.2	4291.2	
Internal Combustion (Methane)	105.3	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	
Steam Turbine (Wood)	110.2	20.0	20.0	20.0	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	
Steam Turbine (Refuse)	259.9	256.3	256.3	256.3	256.3	256.3	256.3	256.3	256.3	256.3	256.3	256.3	
Wind	1460.7	1446.3	1446.3	1524.3	1524.3	1524.3	1524.3	1524.3	1524.3	1524.3	1524.3	1524.3	
Solar	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	41012.8	40994.7	40092.1	39969.5	39992.0	39992.0	39992.0	39992.0	39992.0	39992.0	39992.0	39992.0	
Special Case Resources - SCR (3)	884.8	842.0	842.0	842.0	842.0	842.0	842.0	842.0	842.0	842.0	842.0	842.0	
Additions and Uprates (2)	374.4	0.0	768.6	22.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**791.1**
Noticed Deactivations (9)	0.0	-902.6	-891.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**-1793.8**
NYCA RESOURCE CAPABILITY	42272.0	40934.1	40811.5	40834.0	40834.0	40834.0	40834.0	40834.0	40834.0	40834.0	40834.0	40834.0	
Net Purchases (1) (7)	338.3	503.7	680.7	415.7	424.7	1086.7	1086.7	1086.7	1086.7	1086.7	1086.7	1086.7	
TOTAL RESOURCE CAPABILITY	42610.3	41437.8	41492.2	41249.7	41258.7	41920.7	41920.7	41920.7	41920.7	41920.7	41920.7	41920.7	
BASE FORECAST													
Peak Demand Forecast		24445.0	24493.0	24557.0	24617.0	24670.0	24716.0	24790.0	24849.0	24922.0	24981.0	25069.0	
Installed Reserve		16992.8	16999.2	16692.7	16641.7	17250.7	17204.7	17130.7	17071.7	16998.7	16939.7	16851.7	
Installed Reserve Percent (4)		69.5	69.4	68.0	67.6	69.9	69.6	69.1	68.7	68.2	67.8	67.2	

(1) - Net Purchases - Positive values of net purchases represent capacity that is imported to NYCA, after subtracting sales that are exported to other control areas.

(2) - Additions and Uprates: Projects that have completed a Class Year Interconnection Facilities Study, as shown in Table IV-1.

(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 Installed Reserve Margin requirement determined by the NYSRC for the 2016-2017 Capability Year is 17.5 %. The Installed Reserve Percent calculated in Table V-2a should be compared to the Installed Reserve Margin requirement in the 2016-2017 Capability Year.

(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 Deliverability 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) - Noticed deactivations as shown in Table IV-4. Existing Retirements in Table IV-3 are accounted for in the list of 2016 Existing Generating Facilities.

(10) - Values for the year 2016 reflect the changes since the 2015 Gold Book was published.

(11) - Proposed Resource Changes: Projects that have not completed a Class Year Interconnection Facilities Study, as shown in Table IV-1.

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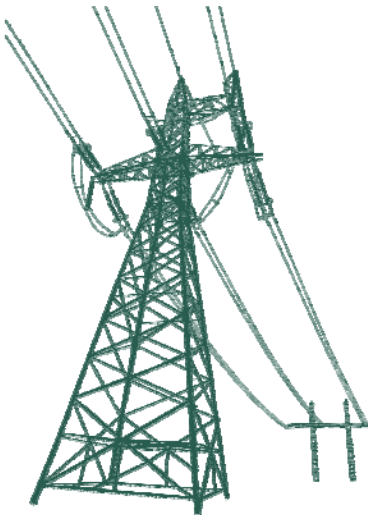
SECTION VI:

EXISTING TRANSMISSION FACILITIES
AS OF MARCH 15, 2016



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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. The information in Table VI-1 is redacted as it may contain Critical Energy Infrastructure Information. A version of the 2016 *Gold Book* that includes this table is available to individuals with a myNYISO account. To request a myNYISO account, please visit:

http://www.nyiso.com/public/webdocs/markets_operations/services/customer_relations/CEII_Request_Form/CEII_Request_Form_and_NDA_complete.pdf

Table VI-2: Mileage of Existing Transmission Facilities

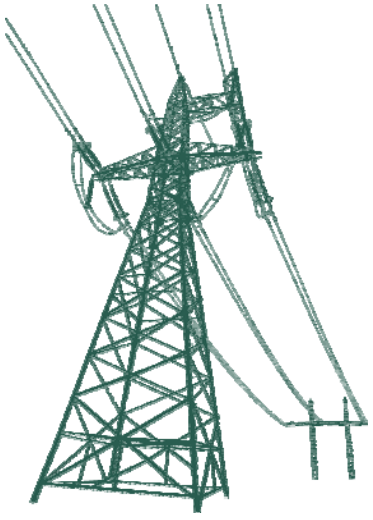
Facilities by kV Class Overhead (OH) Underground (UG)	115 kV OH	 UG	138 kV OH	 UG	230 kV OH	 UG	345 kV OH	 UG	500 kV OH	765 kV OH	150 kV DC UG	500 kV DC UG
CENTRAL HUDSON GAS & ELECTRIC CORPORATION	229.7	4.1	0.0	0.0	0.0	0.0	76.1	0.0	0.0	0.0		
CONSOLIDATED EDISON	0.0	0.0	21.7	208.9 **(a)**	0.5	0.0	406.5 **(b) (i)**	185.8 **(h)**	5.3	0.0		
LONG ISLAND POWER AUTHORITY	0.0	0.0	244.7	161.6 **(e)**	0.0	0.0	0.0	9.3 **(g)**	0.0	0.0	24.0	66.0 **(g)**
NEW YORK POWER AUTHORITY	52.7 **(f)**	1.6	0.0	0.0	338.1	0.0	884.9	43.2	0.0	154.9		
NEW YORK STATE ELECTRIC & GAS CORP.	1463.3	7.5	0.0	0.0	233.3	0.0	553.9	0.0	0.0	0.0		
NATIONAL GRID	4126.8	24.0	0.0	0.0	498.4	20.2	687.8	0.4	0.0	0.0		
ORANGE AND ROCKLAND UTILITIES INC.	0.0	0.0	107.3	2.3 **(a)**	0.0	0.0	47.2 **(b)**	3.4 **(d)**	0.0	0.0		
ROCHESTER GAS AND ELECTRIC CORPORATION	248.0	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTALS BY kV CLASS (c)	**6120.6**	**64.9**	**373.7**	**372.8**	**1070.3**	**20.2**	**2609.2**	**242.1**	**5.3**	**154.9**	**24.0**	**66.0**

TOTAL OVERHEAD	=	10,333.9	(c)
TOTAL UNDERGROUND	=	789.9	(c)
TOTAL	=	11,123.8	(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) 1.5 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

SECTION VII:

PROPOSED TRANSMISSION FACILITIES
AS OF MARCH 15, 2016



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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 2015 *Gold Book* are maintained on the list of proposed transmission projects for one year.

Table VII: 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													
[358],18	West Point Partners	Leeds 345kV	Buchanan North 345kV	72	W	2017	320	320	1	1000 MW	1000 MW	-/+ 320kV Bipolar HVDC cable	TBD
[305],15,19	Transmission Developers Inc.	Hertel 735kV (Quebec)	Astoria Annex 345kV	333	S	2019	320	320	1	1000 MW	1000 MW	-/+ 320kV Bipolar HVDC cable	TBD
[363],19	Poseidon Transmission 1, LLC	Deans 500kV (PJM)	Ruland Road 138kV	82	S	2020	200	200	1	500 MW	500 MW	-/+ 200kV Monopole HVDC cable	TBD
Firm Plans(5) (included in FERC 715 Base Case)													
6	CHGE	Todd Hill	Fishkill Plains	5.26	In-Service	2015	115	115	1	1167	1433	Rebuild line with 1033 ACSR	OH
6	CHGE	Pleasant Valley	Todd Hill	5.53	S	2016	115	115	1	917	1282	Rebuild line with 1033 ACSR	OH
14	CHGE	Hurley Avenue	Leeds	Series Compensation	S	2018	345	345	1	2336	2866	21% Compensation	-
11	CHGE	St. Pool	High Falls	5.61	S	2020	115	115	1	1010	1245	1-795 ACSR	OH
11	CHGE	High Falls	Kerhonkson	10.03	S	2020	115	115	1	1010	1245	1-795 ACSR	OH
11	CHGE	Modena	Galeville	4.62	S	2020	115	115	1	1010	1245	1-795 ACSR	OH
11	CHGE	Galeville	Kerhonkson	8.96	S	2020	115	115	1	1010	1245	1-795 ACSR	OH
16	ConEd	Rock Tavern	Sugarloaf	11.80	S	2016	345	345	1	1971 MVA	2390 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	2500	2500	Feeder Separation	UG
16	ConEd	Goethals	Linden Co-Gen	1.50	S	2016	345	345	1	1250	1250	Feeder Separation	UG
16	ConEd	Goethals	Linden Co-Gen	1.50	S	2016	345	345	1	1250	1250	Feeder Separation	UG
	ConEd	East 13th Street	East 13th Street	Reconfiguration	S	2016	345	345		N/A	N/A	Reconfiguration	-
	ConEd	East 13th Street	East 13th Street	Reconfiguration	S	2017	345	345		N/A	N/A	Reconfiguration	-
	ConEd	Greenwood	Greenwood	Reconfiguration	S	2018	138	138		N/A	N/A	Reconfiguration	-
	ConEd	Rainey	Corona	xfmr/Phase shifter	S	2019	345/138	345/138	1	268 MVA	320 MVA	xfmr/Phase shifter	UG
12	LIPA	Randall Ave	Wildwood	N/A	In-Service	2015	138	138	-	150 MVAR	150 MVAR	Dynamic Reactive Support System (DRSS)	-
7	NGRID	Luther Forest	North Troy	-18.30	RETIRED	2015	115	115	1	937	1141	605 ACSR	OH
7	NGRID	Luther Forest	Eastover Road (New Station)	17.50	In-Service	2015	115	115	1	937	1141	Luther Forest-North Troy Loop (0.9 miles new 1113 kcmil ACSR)	OH
7	NGRID	Eastover Road (New Station)	North Troy	2.60	In-Service	2015	115	115	1	937	1141	Luther Forest-North Troy Loop (0.9 miles new 1113 kcmil ACSR)	OH
7	NGRID	Eastover Road (New Station)	North Troy	2.60	In-Service	2015	115	115	1	916	1118	Battenkill-North Troy Loop (0.9 miles new)	OH
7	NGRID	Battenkill	North Troy	-22.39	RETIRED	2015	115	115	1	916	1118	605 ACSR	OH
7	NGRID	Battenkill	Eastover Road (New Station)	21.59	In-Service	2015	115	115	1	937	1141	Battenkill-North Troy Loop (0.9 miles new)	OH
	NGRID	Clay	Clay	xfmr	In-Service	2015	345/115	345/115	1	478MVA	590MVA	Replace TB1 transformer & reconfigure Clay 345 kV for TB2 transformer	-
7	NGRID	Homer City	Stolle Road	-204.11	In-Service	2015	345	345	1	1013	1200	New Five Mile substation	OH
7	NGRID	Homer City	Five Mile Rd (New Station)	151.11	In-Service	2015	345	345	1	1013	1200	New Five Mile substation	OH
7	NGRID	Five Mile Rd (New Station)	Stolle Road	53.00	In-Service	2015	345	345	1	1013	1200	New Five Mile substation	OH
7	NGRID	Gardenville	Homer Hill	-65.69	In-Service	2015	115	115	2	584	708	New Five Mile substation	OH
7	NGRID	Gardenville	Five Mile Rd (New Station)	58.30	In-Service	2015	115	115	2	129MVA	156MVA	New Five Mile substation	OH
7	NGRID	Five Mile Rd (New Station)	Homer Hill	8.00	In-Service	2015	115	115	2	221MVA	270MVA	New Five Mile substation	OH
	NGRID	Five Mile Rd (New Station)	Five Mile Rd (New Station)	xfmr	In-Service	2015	345/115	345/115	-	478MVA	590MVA	New Five Mile substation	-
	NGRID	Sawyer 230kV	Sawyer 23kV	-	In-Service	2015	230/23	230/23	1	-	-	Addition of Overcurrent relays	-
	NGRID	New Scotland	Long Lane	4.22	In-Service	2016	115	115	1	600	600	20.5% Series Reactor #7 Unionville	-
	NGRID	New Scotland	Feura Bush	4.08	S	2016	115	115	1	600	600	12.5% Series Reactor #9 Unionville	-
7	NGRID/NYSEG	Homer City	Five Mile Rd (New Station)	-151.11	S	2016	345	345	1	1013	1200	New Piercebook Station (First Energy)	OH
7	NGRID/NYSEG	Homer City	Farmers Valley	120.00	S	2016	345	345	1	1013	1200	New Piercebook Station (First Energy)	OH
7	NGRID/NYSEG	Farmers Valley	Five Mile Rd (New Station)	31.00	S	2016	345	345	1	1013	1200	New Piercebook Station (First Energy)	OH
	NGRID	Clay	GE	6.52	In-Service	2016	115	115	1	220MVA	268MVA	reconductor 4/0 CU & 477 ACSR with 795ACSR (line#14)	OH
	NGRID	Huntley	Huntley	-	S	2016	230	230	1			Install two 100MVAR cap banks	
	NGRID	Packard	Huntley 77	-	S	2016	230	230	1			1.5% series reactor	
	NGRID	Packard	Huntley 78	-	S	2016	230	230	1			1.5% series reactor	
	NGRID	Packard	Huntley 77	-	S	2016	230	230	1	556 MVA	680 MVA	Conductor Clearance Upgrade to STE Rating	OH
	NGRID	Edic 345 kV	Edic 345 kV	Reconfiguration	W	2016	345	345	1	-	-	Create new bay by adding 2 new 345kV breakers, reconnect transformer	-
	NGRID	Mohican	Battenkill	14.2	S	2017	115	115	1	933	1140	Replace 14.2 miles of conductor w/min 1033.5 ACSR	OH
	NGRID	Mohican	Luther Forest	34.47	S	2017	115	115	1	937	1141	Replace 14.2 miles of conductor w/min 795 kcmil ACSR 26/7	

Table VII: Proposed Transmission Facilities (cont'd)

[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
	NGRID	Eastover Road	Eastover Road	xfmr #2	S	2017	230/115	230/115	1	381MVA	466MVA	New/2nd 230-115 kV Transformer	-
	NGRID	Menands	State Campus	5.00	S	2017	115	115	1	744	744	Replace 3.2 miles of 4/0 Cu conductor with 795kcmil ACSR 26/7	OH
	NGRID	Wolf Rd	Menands	4.54	S	2017	115	115	1	808	856	Replace 2.1 miles of 4/0 Cu conductor with 795kcmil ACSR 26/7	OH
	NGRID	Edic	Edic	xfmr	S	2017	345/115	345/115	2	505MVA	603MVA	Add Transformer for MVEdge (TR#5&#6)	-
	NGRID	Edic	Marcy Nanocenter	1.3	S	2017	115	115	2	556MVA	680MVA	New Circuit to Customer Station (MVEdge)	OH
	NGRID	Clay	Dewitt	10.24	W	2017	115	115	1	220MVA	268MVA	Reconductor 4/0 CU to 795ACSR	OH
	NGRID	Clay	Teall	12.75	W	2017	115	115	1	220 MVA	268MVA	Reconductor 4/0 CU to 795ACSR	OH
	NGRID	Oneida	Porter	Reactor	S	2018	115	115	1	-		Install reactor on Line #7; 6%	
	NGRID	Porter	Yahnundasis	Reactor	S	2018	115	115	1	-		Install reactor on Line #3;8%	
	NGRID	Battenkill	Eastover Road	-22.72	S	2018	115	115	1	937	1141	New Schaghticoke Switching Station	OH
	NGRID	Battenkill	Schaghticoke (New Station)	14.31	S	2018	115	115	1	937	1141	New Schaghticoke Switching Station	OH
	NGRID	Schaghticoke (New Station)	Eastover Road	8.41	S	2018	115	115	1	937	1141	New Schaghticoke Switching Station	OH
	NGRID	Mohican	Luther Forest	-34.47	S	2018	115	115	1	937	1141	New Schaghticoke Switching Station	OH
	NGRID	Mohican	Schaghticoke (New Station)	28.13	S	2018	115	115	1	937	1141	New Schaghticoke Switching Station	OH
	NGRID	Luther Forest	Schaghticoke (New Station)	6.34	S	2018	115	115	1	1280	1563	New Schaghticoke Switching Station	OH
	NGRID	Gardenville 115 kV	Gardenville 115 kV	-	S	2018	-	-	-	-	-	Rebuild of Gardenville 115 kV station to full breaker and a half	
	NGRID	Gardenville	Erie	0.30	S	2018	115	115	1	648	846	Replace 400CU and 636AL with 795 ACSR	
	NGRID	Spier	Rotterdam (#2)	-32.74	S	2019	115	115	1	1168	1416	New Lasher Rd Switching Station	OH
	NGRID	Spier	Lasher Rd (New Station) (#2)	21.69	S	2019	115	115	1	1168	1416	New Lasher Rd Switching Station	OH
	NGRID	Lasher Rd (New Station)	Rotterdam	11.05	S	2019	115	115	1	2080	2392	New Lasher Rd Switching Station	OH
	NGRID	Spier	Luther Forest (#302)	-34.21	S	2019	115	115	1	916	1070	New Lasher Rd Switching Station	OH
	NGRID	Spier	Lasher Rd (New Station) (#302)	21.72	S	2019	115	115	1	916	1118	New Lasher Rd Switching Station	OH
	NGRID	Lasher Rd (New Station)	Luther Forest	12.49	S	2019	115	115	1	990	1070	New Lasher Rd Switching Station	OH
	NGRID	Dunkirk	Dunkirk	-	S	2019	115	115	1			Add second bus tie breaker	
	NGRID	Gardenville	Dunkirk	20.5	S	2020	115	115	2	1105	1346	Replace 20.5 miles of 141 and 142 lines	OH
	NYPA	Massena	Massena	Auto-Transformer	In-Service	2015	765/230	765/230	1	936 MVA	1296 MVA	Replacement of Massena 765/230 kV Auto-Transformer Bank #2	-
	NYPA	Gilboa	Gilboa	GSU	In-Service	2015	345/17	345/17	1	325 MVA	325 MVA	Replacement of Blenheim-Gilboa GSU #2	-
	NYPA	Niagara	Niagara	Auto Transformer	In-Service	2015	345/230	345/230	1	697 MVA	717 MVA	Replacement of Niagara AT# 4	-
	NYPA	Moses	Moses	Cap Bank	In-Service	2016	115	115	1	100 MVAR	100 MVAR	Cap Bank Installation to Replace Moses Synchronous Condensers	-
	NYPA	Massena	Massena	Auto-Transformer	In-Service	2016	765/230	765/230	1	936 MVA	1296 MVA	Replacement of Massena 765/230 kV Auto-Transformer Bank #1	-
	NYPA	Niagara	Niagara	GSU	S	2016	115/13.8	115/13.8	1	250 MVA	250 MVA	Replacement of Niagara GSU #5	-
380/16	NYPA	Marcy	Coopers Corners	Series Comp	S	2016	345	345	1	1776 MVA	1793 MVA	Installation of Series Compensation on UCC2-41	-
380/16	NYPA	Edic	Fraser	Series Comp	S	2016	345	345	1	1793 MVA	1793 MVA	Installation of Series Compensation on EF24-40	-
490/16	NYPA	Marcy	Coopers Corners	SPS	S	2016	345	345	1			SPS for Marcy South Series Compensation	
490/16	NYPA	Edic	Fraser	SPS	S	2016	345	345	1			SPS for Marcy South Series Compensation	
380/16	NYPA	Fraser	Coopers Corners	Series Comp	S	2016	345	345	1	1494 MVA	1793 MVA	Installation of Series Compensation on FCC33	-
	NYPA	Cumberland Head	Gordon Landing	1.63	W	2017	115	230	1	1147	1316	Replacement of PV-20 Submarine Cable	Under Water
	NYPA	Moses	Moses	Cap Bank	W	2018	115	115	1	100 MVAR	100 MVAR	Cap Bank Installation to Replace Moses Synchronous Condensers	-
7	NYPA	Niagara	Rochester	-70.20	W	2019	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Niagara	Station 255 (New Station)	66.40	W	2019	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Station 255 (New Station)	Rochester	3.80	W	2019	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Dysinger Tap	Rochester	-44.00	W	2019	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Dysinger Tap	Station 255 (New Station)	40.20	W	2019	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Station 255 (New Station)	Rochester	3.80	W	2019	345	345	1	2177	2662	2-795 ACSR	OH
	NYSEG	Coopers Corners	Coopers Corners	Shunt Reactor	In-Service	2015	345	345	1	200 MVAR	200 MVAR	Shunt Reactor Installation	-
	NYSEG	Goudey	AES Westover	Reconfiguration	In-Service	2015	115	115	-	N/A	N/A	Substation separation	-
	NYSEG	Jennison	AES Oneonta	Reconfiguration	In-Service	2015	115	115	-	N/A	N/A	Substation separation	-
7	NYSEG	Homer City	Watercure Road	-177.00	In-Service	2015	345	345	1	1549	1552	2156 ACR	OH
7	NYSEG	Watercure Road	Mainesburg	26.00	In-Service	2015	345	345	1	1549	1552	2156 ACR	OH
7	NYSEG	Mainesburg	Homer City	151.00	In-Service	2015	345	345	1	1549	1552	2156 ACR	OH
16	NYSEG	Fraser	Coopers Corners	21.80	S	2016	345	345	1	2500	3000	ACCR 1742-T9 Reconductor	OH
8	NYSEG	Wood Street	Katonah	11.70	W	2016	115	115	1	1079	1310	convert 46kV to 115kV	OH

Table VII: Proposed Transmission Facilities (cont'd)

[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
	NYSEG	Stephentown	Stephentown	xfmr	W	2016	115/34.5	115/34.5	1	37 MVA	44MVA	Transformer #2	-
	NYSEG	Eelpot Road	Eelpot Road	xfmr	W	2016	115/34.5	115/34.5	2	59.2MVA	66.9MVA	Transformer #2	-
	NYSEG	Elbridge	State Street	14.50	W	2016	115	115	1	250 MVA	305 MVA	1033 ACSR	OH
8	NYSEG	Wood Street	Carmel	1.34	W	2017	115	115	1	775	945	477 ACSR	OH
	NYSEG	Gardenville	Gardenville	xfmr	S	2017	230/115	230/115	1	200 MVA	225 MVA	NYSEG Transformer #3 and Station Reconfiguration	-
	NYSEG	Willet	Willet	xfmr	W	2017	115/34.5	115/34.5	1	39 MVA	44 MVA	Transformer #2	-
6	NYSEG	Elbridge	State Street	14.50	W	2017	115	115	1	1255	1531	Reconductor 336.4 ACSR to 1194 KCM	OH
	NYSEG	Windham	-	Cap Bank	S	2018	115	115	1	5.4 MVAR	5.4 MVAR	Capacitor bank	-
	NYSEG	Watercure Road	Watercure Road	xfmr	S	2018	345/230	345/230	1	426 MVA	494 MVA	Transformer	-
	NYSEG	Falls Park 115/34.5kV Substation			S	2018	115/34.5	115/34.5				Tap to interconnect NG Line 14	
	NYSEG	Falls Park	Schodack(NG)		S	2018	115	115	1	129MVA	156MVA	Tap to interconnect NG Line 14	OH
	NYSEG	Falls Park	Churchtown		S	2018	115	115	1	129MVA	156MVA	Tap to interconnect NG Line 14	OH
	NYSEG	Falls Park	Falls Park	xfmr	S	2018	115/34.5	115/34.5	1	53MVA	59	Transformer #1	
	NYSEG	Falls Park	Klinekill (Line 630) circuit 1		S	2018	34.5	34.5		36MVA	49MVA		OH
	NYSEG	Falls Park	Klinekill (Line 630) circuit 2		S	2018	34.5	34.5		36MVA	49MVA		OH
	NYSEG	Flat Street	Flat Street	xfmr	W	2018	115/34.5	115/34.5	2	40MVA	45.2MVA	Transformer #2	-
	NYSEG	Meyer	Meyer	xfmr	S	2019	115/34.5	115/34.5	2	59.2MVA	66.9MVA	Transformer #2	-
	NYSEG	Wood Street	Wood Street	xfmr	W	2021	345/115	345/115	1	280 MVA	300 MVA	Transformer #3	
	NYSEG	Oakdale 345	Oakdale 115/34.5	xfmr	W	2021	345/115/34.5	345/115/34.5	1	400 MVA	400 MVA	Transformer #3 and Station Reconfiguration	
	NYSEG	Coopers Corners	Coopers Corners	xfmr	W	2021	345/115	345/115	1	200 MVA	220 MVA	Transformer #3 and Station Reconfiguration	
	NYSEG	Coopers Corners	Coopers Corners	xfmr	W	2021	115/34.5	115/34.5	1	66 MVA	75 MVA	Transformer #2 and Station Reconfiguration	
	NYSEG	Fraser	Fraser	xfmr	W	2021	345/115	345/115	1	280 MVA	300 MVA	Transformer #2 and Station Reconfiguration	
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	562 MVA	562 MVA	Transformer	OH
	O & R	O&R's Line 26	Sterling Forest	xfmr	S	2016	138/69	138/69	1	214 MVA	214 MVA	Transformer	
	O & R	Harings Corner (RECO)	Tappan (NY)	-	W	2016	69	69	1	1096	1314	Three-way switch station	OH
7	O & R/ConEd	Ladentown	Buchanan	-9.5	S	2018	345	345	1	3000	3211	2-2493 ACAR	OH
7	O & R/ConEd	Ladentown	North Rockland (New Station)	5.5	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	North Rockland (New Station)	Lovett	xfmr	S	2018	345/138	345/138	1	562 MVA	562 MVA	Transformer	-
	O & R	Montvale (RECO)	-	Cap Bank	S	2022	69	69	1	32 MVAR	32 MVAR	Capacitor bank	-
	RGE	Station 69	Station 69	Cap Bank	In-Service	2015	115	115	1	20 MVAR	20 MVAR	Capacitor Bank (DOE)	-
	RGE	Station 251 (New Station)	Station 251 (New Station)	xfmr	In-Service	2015	115/34.5	115/34.5	2	30 MVA	33.8 MVA	Transformer	-
	RGE	Mortimer	Station 251	1	In-Service	2015	115	115	2	1396	1707	New 115 kV Line	OH
	RGE	Station 251	Station 33	0.98	In-Service	2015	115	115	2	1396	1707	New 115 kV Line	OH
	RGE	Station 42	Station 23	Phase Shifter	In-Service	2015	115	115	1	253 MVA	285 MVA	Phase Shifter	-
	RGE	Station 23	Station 23	xfmr	W	2017	115/34.5	115/34.5	2	75 MVA	84 MVA	Transformer	-
	RGE	Station 23	Station 23	xfmr	W	2017	115/11.5/11.5	115/11.5/11.5	2	75 MVA	84 MVA	Transformer	-
	RGE	Station 33	Station 262	2.97	W	2017	115	115	1	2008	2409	Underground Cable	UG
	RGE	Station 262	Station 23	1.46	W	2017	115	115	1	2008	2409	Underground Cable	UG
	RGE	Station 122 (Station upgrade)	Station 122 (Station upgrade)	xfmr	S	2017	345/115	345/115	3	494 MVA	527 MVA	Transformer Replacement and Station Reconfiguration (GRTA)	-
	RGE	Station 80	Station 80	-	S	2017	345	345				Station 80 Reconfiguration (GRTA)	
	RGE	Station 262	Station 262	xfmr	S	2018	115/34.5	115/34.5	1	56 MVA	63 MVA	Transformer	-
	RGE	Station 67	Station 418	3.5	W	2018	115	115	1	1255	1255	New 115kV Line	OH
	RGE	Station 168	Mortimer (NG Trunk #2)	26.4	S	2019	115	115	1	145 MVA	176 MVA	Station 168 Reinforcement Project	OH
	RGE	Station 168	Elbridge (NG Trunk # 6)	45.5	S	2019	115	115	1	145 MVA	176 MVA	Station 168 Reinforcement Project	OH
	RGE	Station 255 (New Station)	Rochester	3.80	W	2019	345	345	1	2177	2662	2-795 ACSR	OH
	RGE	Station 255 (New Station)	Station 255 (New Station)	xfmr	W	2019	345/115	345/115	1	400 MVA	450 MVA	Transformer	-
	RGE	Station 255 (New Station)	Station 255 (New Station)	xfmr	W	2020	345/115	345/115	2	400 MVA	450 MVA	Transformer	-
	RGE	Station 255 (New Station)	Station 418	9.60	W	2020	115	115	1	1506	1807	New 115kV Line	OH
	RGE	Station 255 (New Station)	Station 23	11.10	W	2020	115	115	1	1506	1807	New 115kV Line	OH+UG

Table VII: Proposed Transmission Facilities (cont'd)

[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
Non-Firm Plans (not included in 2016 Base Cases)													
	CHGE	Hurley Ave	Saugerties	11.40	W	2019	69	115	1	1114	1359	1-795 ACSR	OH
	CHGE	Saugerties	North Catskill	12.46	W	2019	69	115	1	1114	1359	1-795 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	2018	138	138	1	2087	2565	2493 ACAR	OH
7	LIPA	West Bus	Kings Hwy	5.74	S	2018	138	138	1	2087	2565	2493 ACAR	OH
7	LIPA	Pilgrim	Kings Hwy	6.00	S	2018	138	138	1	2087	2565	2493 ACAR	OH
9	LIPA	Riverhead	Wildwood	10.63	S	2019	138	138	1	1399	1709	1192ACSR	OH
13	LIPA	Valley Stream	East Garden City	7.00	S	2020	138	138	1	TBD	TBD	TBD	TBD
13	LIPA	Shore Rd	Syosset	11.00	S	2020	138	138	1	TBD	TBD	TBD	UG
13	LIPA	Shore Rd	Syosset	Phase Shifter	S	2020	138	138	1	TBD	TBD	Phase Shifter	-
13	LIPA	Riverhead	Canal	16.40	S	2020	138	138	1	846	973	2368 KCMIL (1200 mm²) Copper XLPE	UG
13	LIPA	Bellmore	Bellmore	Phase Shifter	S	2026	138	138	1	450 MVA	450 MVA	Phase Shifter	-
13	LIPA	Bellmore	Bellmore	Substation	S	2026	138	138	-	-	-	Substation	-
13	LIPA	Newbridge	Bellmore	5.00	S	2026	138	138	1	TBD	TBD	TBD	UG
[337],13	LIPA	Northport	Pilgrim	8.45	S	2026	138	138	1	825	1010	2000 mm2 CU	UG
	NGRID	Elbridge	Woodard	Reactor	W	2016	115	115	1			Reactor 3%	
	NGRID	GE	Geres Lock	7.14	S	2017	115	115	1			Reconductoring 4/0CU & 336 ACSR to 795ACSR (line 8)	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	Elm St	Elm St	xfmr	S	2018	230/23	230/23	1	118MVA	133MVA	Add a fourth 230/23kV transformer	
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
	NGRID	Golah	Golah	Cap Bank	S	2019	115	115	1	18MVAR	18MVAR	Capacitor Bank	-
	NGRID	Batavia	Batavia	Cap Bank	S	2019	115	115	1	30MVAR	30MVAR	Second Capacitor Bank	-
	NGRID	Mortimer	Mortimer	Reconfiguration	S	2019	115	115	1	N/A	N/A	Reconfiguration of Station	-
	NGRID	Packard	Gardenville	20.9	S	2020	115	115				Line 182 reconductoring	-
	NYPA	Moses	Moses	GSU	S	2016	115/13.8/13.8	115/13.8/13.8	1	TBD	TBD	Replacement of St. Lawrence Hydro Unit GSU #8	-
	NYPA	Moses	Moses	GSU	W	2016	230/13.8/13.8	230/13.8/13.8	1	TBD	TBD	Replacement of St. Lawrence Hydro Unit GSU #6	-
	NYPA	Astoria Annex	Astoria Annex	Shunt Reactor	W	2017	345	345	1	TBD	TBD	Replacement of Two Shunt Reactors at Astoria Annex 345kV Substion	-
	NYPA	Moses	Moses	GSU	W	2017	115/13.8/13.8	115/13.8/13.8	1	TBD	TBD	Replacement of St. Lawrence Hydro Unit GSU- #7	-
	NYPA	Niagara	Niagara	Auto -Transformer	W	2020	230/115	230/115	1	TBD	TBD		
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	Meyer	South Perry	19.6	S	2025	115	115	1	154	188	477 ACSR	OH
	O & R	Burns	Corporate Drive	5.00	S	2017	138	138	1	1980	2120	1272 ACSS	OH
	O & R	Little Tor	-	Cap Bank	S	2018	138	138	1	32 MVAR	32 MVAR	Capacitor bank	-
	O & R	Summit (RECO)	-	Cap Bank	S	2018	69	69	1	32 MVAR	32 MVAR	Capacitor bank	
6	O & R	Shoemaker	Pocatello	2.00	W	2023	69	69	1	1604	1723	795 ACSS	OH
6	O & R	Sugarloaf	Shoemaker	12.00	W	2023	69	138	2	1062	1141	397 ACSS	OH
	O & R	West Nyack (NY)	Harings Corner (RECO)	7.00	W	2023	69	138	1	1604	1723	795 ACSS	OH
	O & R	Ramapo	Sugarloaf	17.00	W	2023	138	138	1	1980	2120	1272 ACSS	OH

Table VII: 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 either (i) have an Operating Committee approved System Impact Study (if applicable) and, for projects subject to Article VII, have a determination from New York Public Service Commission that the Article VII application is in compliance with Public Service Law § 122, or (ii) is under construction and is scheduled to be in-service prior to June 1 of the current year.
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	This transmission upgrade was identified as a System Deliverability Upgrade (SDU) in the Class Year 2011 Study process required to make certain interconnection projects fully deliverable in the Rest of State Capacity Region. Upon the completion of Class Year 2011, the security posted for the SDU constituted greater than 60% of the total estimated costs for the SDUs and thereby "triggered" the SDU for construction.
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
19	Class Year 2015 candidate

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