

# 2017 Load & Capacity Data

A report by  
The New York Independent System Operator, Inc.

**“Gold Book”**



## 2017 Load & Capacity Data Report

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Released April 2017

**NEW YORK INDEPENDENT SYSTEM OPERATOR**

**2017  
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 2017-2027. The information reported in this document is current as of March 15<sup>th</sup>, 2017 unless otherwise noted. The seven sections of this *Load and Capacity Data* report (*Gold Book*) address the following topics:

- Historical 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.

### **Historical and Forecast Energy Usage and Seasonal Peak Demand**

Section I of this report presents the baseline forecast, econometric forecast, and historical data on annual energy and seasonal peak demand in the New York Control Area (NYCA).<sup>1</sup> 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 in demand due to the economy and do not account for the impacts of those programs.

The NYCA baseline summer peak demand forecast for the years 2017 through 2027 shows an annual average growth rate of 0.07%. The baseline energy usage forecast for the same period shows an annual average growth rate of -0.23%. The NYCA summer peak demand growth rate exceeds the energy usage 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 0.21% for the years 2016 through 2026, and the forecasted growth rate for annual energy usage in that period was -0.16%.

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<sup>1</sup> 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).

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The NYCA econometric peak demand forecast for the years 2017 through 2027 shows an annual average growth rate of 0.73%. The econometric energy usage forecast for the same period shows an annual average growth rate of 0.70%. The NYCA summer peak demand growth rate exceeds the energy usage 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 0.84% for the years 2016 through 2026, and the forecasted growth rate for annual energy usage in that period was 0.70%. The differences between the econometric forecasts and the base case forecasts are due to the impacts of state energy policy initiatives and other demand-side programs and activities.

The energy growth rate in the 2017 forecast is slightly lower than the rate published in the 2016 *Gold Book*. The lower forecasted growth in energy usage can largely be attributed to the increasing 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 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 forecasted 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

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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 2016 *Gold Book* in April 2016, there has been a reduction of 41 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 242 MW of summer capacity due to new additions and ratings changes. As a result, net summer capacity increased by 201 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 2016 *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 2017 is 40,799 MW, which is a decrease of 753 MW from Summer 2016. This is due to changes in existing NYCA generating capacity, changes in Special Case Resources (SCR), and changes in net purchases of capacity from other control areas. The total resource capability for 2017 includes:

- Existing NYCA generating capacity (38,777 MW);
- SCR (1,192 MW);
- Decreases in net generating capacity (-1,703 MW);
- Net long-term purchases and sales with neighboring control areas (2,533 MW).

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The existing NYCA generating capability includes wind generation (1,740 MW)<sup>2</sup> and non-wind renewable generation (377 MW including 32 MW of large-scale solar PV).

Table III-2 reports the Summer and Winter Dependable Maximum Net Capability (DMNC)<sup>3</sup> for each generator, along with the nameplate rating, Capacity Resource Interconnection Service (CRIS) rating and annual energy generated in the year 2016. Section III contains additional information on the generation resources by zone, fuel type and generation type.

Beyond 2017, 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:

- 5,671 MW of natural gas or dual-fuel projects;
- 1,802 MW of wind turbine projects; and
- 79 MW of non-wind renewable energy projects.

Table IV-1 also identifies facilities that have requested an increase in CRIS totaling 226 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 2016 through 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.

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<sup>2</sup> This value represents the amount of wind resources that participate in the NYISO's capacity markets.

<sup>3</sup> The NYISO does not specify the fuel to be used in DMNC testing.



### **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 2016 *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) in October 2013 as part of the Indian Point Contingency Plan to increase transfer capability into Southeast New York. The approved projects placed in service in 2016 include:

- The Marcy South Series Compensation project;
- The Rock Tavern – Ramapo project; and
- The Staten Island Unbottling project.<sup>4</sup>

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 installed series reactors on the Packard-Huntley 230 kV 77/78 lines in 2016. The capacitor banks at the Huntley 230 kV station were placed in service in 2016.

All planned transmission system additions are summarized in Section VII.

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<sup>4</sup> 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.

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# SECTION I

## Annual Energy & Peak Demand – Historical & Forecast



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### **Section I**

This section reports historical and forecast energy and seasonal peak demand for the NYCA and by Zone. The baseline forecasts include the load-reducing 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). The figures listed in Table I-2f and Table I-2h are for impacts from programs and activities expected to occur from 2017 onwards. Table I-2g reports the impacts of existing installations of solar PV and distributed energy generation, together with the impacts of expected installations. The econometric forecasts exclude the impacts listed in Tables I-2f, I-2g, and I-2h. 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 p.m. to 5 p.m. EDT in late July. The forecast of solar PV-related reductions in winter peak is zero because the sun sets before the assumed peak hour of 6 p.m. EST.

Historical 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

#### 2017 Long Term Forecast<sup>1</sup> - 2017 to 2027

#### Energy - GWh

Year	Low <sup>3</sup>	Baseline <sup>4</sup>	High <sup>3</sup>
2016		159,169	
2017	156,755	158,632	160,504
2018	156,128	157,996	159,859
2019	155,546	157,405	159,258
2020	154,903	156,752	158,598
2021	154,017	155,855	157,689
2022	153,613	155,444	157,271
2023	153,468	155,298	157,124
2024	153,306	155,135	156,959
2025	153,182	155,009	156,832
2026	153,094	154,920	156,743
2027	153,143	154,971	156,795

#### Summer Peak Demand - MW

Year	Low <sup>3</sup>	Baseline <sup>4,5</sup>	High <sup>3</sup>
2016		33,225	
2017	29,980	33,178	35,487
2018	29,891	33,078	35,375
2019	29,854	33,035	35,326
2020	29,817	32,993	35,279
2021	29,832	33,009	35,297
2022	29,856	33,034	35,323
2023	29,911	33,096	35,388
2024	29,962	33,152	35,448
2025	30,034	33,232	35,533
2026	30,118	33,324	35,629
2027	30,185	33,398	35,707

#### Winter Peak Demand - MW

Year	Low <sup>3</sup>	Baseline <sup>4</sup>	High <sup>3</sup>
2016-17		24,416	
2017-18	22,693	24,365	25,989
2018-19	22,628	24,294	25,913
2019-20	22,546	24,207	25,821
2020-21	22,439	24,090	25,696
2021-22	22,394	24,043	25,645
2022-23	22,375	24,023	25,624
2023-24	22,361	24,008	25,607
2024-25	22,362	24,007	25,606
2025-26	22,356	24,001	25,600
2026-27	22,356	24,001	25,599
2027-28	22,356	24,000	25,599

#### Average Annual Growth - Percent

Period	Low	Baseline	High
2017-27	-0.23%	-0.23%	-0.23%
2017-22	-0.40%	-0.41%	-0.41%
2022-27	-0.06%	-0.06%	-0.06%

Period	Low	Baseline	High
2017-27	0.07%	0.07%	0.06%
2017-22	-0.08%	-0.09%	-0.09%
2022-27	0.22%	0.22%	0.22%

Period	Low	Baseline	High
2017-27	-0.15%	-0.15%	-0.15%
2017-22	-0.28%	-0.28%	-0.28%
2022-27	-0.02%	-0.02%	-0.02%

**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 2016 are weather-normalized. The values for the actual annual energy, summer peak, and winter peak are reported in Table I-4a.
5. The 2017 NYCA summer peak forecast is the same as the 2017 ICAP forecast.

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**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
2017	15,608	9,807	16,116	4,439	7,867	12,281	9,767	2,811	6,027	52,481	21,428	158,632
2018	15,558	9,779	16,083	4,478	7,859	12,321	9,708	2,803	6,008	52,452	20,947	157,996
2019	15,509	9,746	16,052	4,494	7,851	12,359	9,648	2,793	5,987	52,314	20,652	157,405
2020	15,461	9,712	16,023	4,498	7,843	12,395	9,611	2,783	5,966	52,029	20,431	156,752
2021	15,432	9,687	16,006	4,497	7,833	12,427	9,575	2,768	5,933	51,344	20,353	155,855
2022	15,425	9,664	15,990	4,493	7,824	12,454	9,554	2,761	5,918	51,079	20,282	155,444
2023	15,419	9,643	15,979	4,488	7,824	12,478	9,537	2,755	5,906	50,903	20,366	155,298
2024	15,411	9,626	15,968	4,482	7,824	12,499	9,530	2,751	5,897	50,772	20,375	155,135
2025	15,406	9,614	15,961	4,474	7,824	12,515	9,521	2,748	5,890	50,690	20,366	155,009
2026	15,406	9,606	15,954	4,471	7,824	12,527	9,518	2,746	5,886	50,651	20,331	154,920
2027	15,406	9,601	15,946	4,467	7,824	12,535	9,517	2,744	5,882	50,612	20,437	154,971

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017	2,653	2,000	2,852	508	1,419	2,401	2,238	656	1,492	11,575	5,384	33,178
2018	2,655	2,003	2,855	509	1,420	2,403	2,218	653	1,486	11,613	5,263	33,078
2019	2,657	2,006	2,859	509	1,421	2,405	2,197	649	1,481	11,663	5,188	33,035
2020	2,659	2,009	2,862	509	1,421	2,406	2,180	648	1,473	11,693	5,133	32,993
2021	2,661	2,013	2,865	509	1,422	2,407	2,169	643	1,465	11,724	5,131	33,009
2022	2,663	2,017	2,868	509	1,423	2,408	2,157	643	1,468	11,742	5,136	33,034
2023	2,665	2,021	2,870	510	1,424	2,409	2,151	645	1,471	11,773	5,157	33,096
2024	2,666	2,026	2,874	510	1,426	2,410	2,145	646	1,476	11,808	5,165	33,152
2025	2,667	2,028	2,875	510	1,426	2,410	2,140	648	1,482	11,862	5,184	33,232
2026	2,668	2,029	2,877	510	1,427	2,410	2,136	649	1,491	11,930	5,197	33,324
2027	2,669	2,032	2,879	510	1,428	2,410	2,132	651	1,495	11,965	5,227	33,398

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017-18	2,314	1,557	2,625	682	1,347	1,903	1,567	520	921	7,605	3,324	24,365
2018-19	2,308	1,555	2,626	682	1,347	1,903	1,562	517	919	7,595	3,280	24,294
2019-20	2,300	1,552	2,626	682	1,348	1,903	1,559	514	917	7,560	3,246	24,207
2020-21	2,297	1,550	2,628	682	1,348	1,903	1,556	511	914	7,467	3,234	24,090
2021-22	2,296	1,548	2,629	683	1,348	1,903	1,555	509	913	7,435	3,224	24,043
2022-23	2,295	1,547	2,632	683	1,348	1,903	1,555	508	912	7,416	3,224	24,023
2023-24	2,295	1,546	2,633	683	1,349	1,902	1,555	507	912	7,402	3,224	24,008
2024-25	2,295	1,546	2,636	683	1,350	1,902	1,555	506	912	7,398	3,224	24,007
2025-26	2,295	1,546	2,638	683	1,351	1,902	1,555	505	912	7,394	3,220	24,001
2026-27	2,295	1,546	2,641	683	1,352	1,902	1,555	504	912	7,391	3,220	24,001
2027-28	2,295	1,546	2,643	683	1,354	1,902	1,555	503	912	7,387	3,220	24,000



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

*Reflects 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
2017	2,796	2,070	2,923	548	1,479	2,461	2,263	664	1,510	11,670	5,427
2018	2,798	2,073	2,926	549	1,480	2,463	2,242	661	1,504	11,707	5,305
2019	2,800	2,076	2,930	549	1,481	2,465	2,221	657	1,499	11,758	5,229
2020	2,803	2,079	2,934	549	1,481	2,466	2,204	656	1,491	11,788	5,174
2021	2,805	2,083	2,937	549	1,482	2,467	2,193	651	1,483	11,820	5,172
2022	2,807	2,088	2,940	549	1,483	2,468	2,181	651	1,486	11,838	5,177
2023	2,809	2,092	2,942	550	1,484	2,469	2,175	653	1,489	11,869	5,198
2024	2,810	2,097	2,946	550	1,486	2,470	2,169	654	1,494	11,904	5,206
2025	2,811	2,099	2,947	550	1,486	2,470	2,164	656	1,500	11,959	5,226
2026	2,812	2,100	2,949	550	1,487	2,470	2,159	657	1,509	12,027	5,238
2027	2,813	2,103	2,951	550	1,488	2,470	2,155	659	1,513	12,062	5,269

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

Year	A	B	C	D	E	F	G	H	I	J	K
2017-18	2,342	1,573	2,630	698	1,379	1,926	1,584	548	941	7,704	3,440
2018-19	2,336	1,571	2,631	698	1,379	1,926	1,579	545	939	7,694	3,423
2019-20	2,328	1,568	2,631	698	1,380	1,926	1,576	542	937	7,658	3,408
2020-21	2,325	1,566	2,633	698	1,380	1,926	1,573	539	934	7,564	3,425
2021-22	2,324	1,563	2,634	699	1,380	1,926	1,572	536	933	7,532	3,435
2022-23	2,323	1,562	2,637	699	1,380	1,926	1,572	535	932	7,512	3,455
2023-24	2,323	1,561	2,638	699	1,381	1,925	1,572	534	932	7,498	3,467
2024-25	2,323	1,561	2,641	699	1,382	1,925	1,572	533	932	7,494	3,488
2025-26	2,323	1,561	2,643	699	1,383	1,925	1,572	532	932	7,490	3,500
2026-27	2,323	1,561	2,646	699	1,384	1,925	1,572	531	932	7,487	3,527
2027-28	2,323	1,561	2,648	699	1,386	1,925	1,572	530	932	7,483	3,539

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**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
2017	2,252	660	1,501	11,648	16,061
2018	2,232	657	1,495	11,686	16,070
2019	2,211	653	1,490	11,736	16,090
2020	2,194	652	1,482	11,767	16,095
2021	2,183	647	1,474	11,798	16,102
2022	2,171	647	1,477	11,816	16,111
2023	2,165	649	1,480	11,847	16,141
2024	2,159	650	1,485	11,882	16,176
2025	2,153	652	1,491	11,937	16,233
2026	2,149	653	1,500	12,005	16,307
2027	2,145	655	1,504	12,040	16,344

**Forecast of G-J Locality, Winter Peak - MW**

Year	G	H	I	J	G-J
2017-18	1,561	508	920	7,673	10,662
2018-19	1,556	505	918	7,663	10,642
2019-20	1,553	502	916	7,628	10,599
2020-21	1,550	499	913	7,534	10,496
2021-22	1,549	497	912	7,502	10,460
2022-23	1,549	496	911	7,483	10,439
2023-24	1,549	495	911	7,469	10,424
2024-25	1,549	494	911	7,465	10,419
2025-26	1,549	493	911	7,461	10,414
2026-27	1,549	492	911	7,458	10,410
2027-28	1,549	491	911	7,453	10,404

2017 Load & Capacity Data Report

**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
2017	13	1	11	3	6	25	0	2	0	14	0	75
2018	13	1	11	3	6	25	0	2	0	14	0	75
2019	13	1	11	3	6	25	0	2	0	14	0	75
2020	13	1	11	3	6	25	0	2	0	14	0	75
2021	13	1	11	3	6	25	0	2	0	14	0	75
2022	13	1	11	3	6	25	0	2	0	14	0	75
2023	13	1	11	3	6	25	0	2	0	14	0	75
2024	13	1	11	3	6	25	0	2	0	14	0	75
2025	13	1	11	3	6	25	0	2	0	14	0	75
2026	13	1	11	3	6	25	0	2	0	14	0	75
2027	13	1	11	3	6	25	0	2	0	14	0	75

\* 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
2017-18	47	0	13	3	6	21	0	2	0	0	1	93
2018-19	47	0	13	3	6	21	0	2	0	0	1	93
2019-20	47	0	13	3	6	21	0	2	0	0	1	93
2020-21	47	0	13	3	6	21	0	2	0	0	1	93
2021-22	47	0	13	3	6	21	0	2	0	0	1	93
2022-23	47	0	13	3	6	21	0	2	0	0	1	93
2023-24	47	0	13	3	6	21	0	2	0	0	1	93
2024-25	47	0	13	3	6	21	0	2	0	0	1	93
2025-26	47	0	13	3	6	21	0	2	0	0	1	93
2026-27	47	0	13	3	6	21	0	2	0	0	1	93
2027-28	47	0	13	3	6	21	0	2	0	0	1	93

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

## 2017 Load & Capacity Data Report

### 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
2017	15,736	9,911	16,245	4,459	7,934	12,408	9,901	2,860	6,112	53,187	21,751	160,504
2018	15,686	9,883	16,212	4,498	7,926	12,448	9,841	2,852	6,093	53,157	21,263	159,859
2019	15,636	9,849	16,180	4,514	7,918	12,487	9,780	2,842	6,071	53,018	20,963	159,258
2020	15,588	9,815	16,151	4,518	7,910	12,523	9,743	2,832	6,050	52,729	20,739	158,598
2021	15,559	9,790	16,134	4,517	7,900	12,555	9,706	2,816	6,017	52,035	20,660	157,689
2022	15,551	9,766	16,118	4,513	7,891	12,583	9,685	2,809	6,001	51,766	20,588	157,271
2023	15,545	9,745	16,107	4,508	7,891	12,607	9,668	2,803	5,989	51,588	20,673	157,124
2024	15,537	9,728	16,096	4,502	7,891	12,628	9,661	2,799	5,980	51,455	20,682	156,959
2025	15,532	9,716	16,089	4,494	7,891	12,644	9,652	2,796	5,973	51,372	20,673	156,832
2026	15,532	9,708	16,082	4,491	7,891	12,657	9,649	2,794	5,969	51,332	20,638	156,743
2027	15,532	9,703	16,074	4,487	7,891	12,665	9,648	2,792	5,965	51,293	20,745	156,795

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017	2,852	2,150	3,067	546	1,526	2,614	2,435	730	1,660	12,063	5,844	35,487
2018	2,854	2,153	3,070	547	1,527	2,616	2,413	727	1,653	12,103	5,712	35,375
2019	2,856	2,156	3,075	547	1,528	2,618	2,390	722	1,648	12,155	5,631	35,326
2020	2,858	2,160	3,078	547	1,528	2,619	2,372	721	1,639	12,186	5,571	35,279
2021	2,861	2,164	3,081	547	1,529	2,621	2,360	716	1,630	12,219	5,569	35,297
2022	2,863	2,168	3,084	547	1,530	2,622	2,347	716	1,633	12,238	5,575	35,323
2023	2,865	2,173	3,086	548	1,531	2,623	2,340	718	1,637	12,270	5,597	35,388
2024	2,866	2,178	3,091	548	1,534	2,624	2,334	719	1,642	12,306	5,606	35,448
2025	2,867	2,180	3,092	548	1,534	2,624	2,328	721	1,649	12,363	5,627	35,533
2026	2,868	2,181	3,094	548	1,535	2,624	2,324	722	1,659	12,433	5,641	35,629
2027	2,869	2,184	3,096	548	1,536	2,624	2,320	724	1,663	12,470	5,673	35,707

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017-18	2,453	1,649	2,783	732	1,428	2,017	1,659	556	985	8,137	3,590	25,989
2018-19	2,446	1,647	2,784	732	1,428	2,017	1,654	553	983	8,127	3,542	25,913
2019-20	2,438	1,644	2,784	732	1,429	2,017	1,651	550	981	8,089	3,506	25,821
2020-21	2,435	1,641	2,786	732	1,429	2,017	1,648	547	978	7,990	3,493	25,696
2021-22	2,434	1,639	2,787	733	1,429	2,017	1,647	545	977	7,955	3,482	25,645
2022-23	2,433	1,638	2,790	733	1,429	2,017	1,647	544	976	7,935	3,482	25,624
2023-24	2,433	1,637	2,791	733	1,430	2,016	1,647	542	976	7,920	3,482	25,607
2024-25	2,433	1,637	2,794	733	1,431	2,016	1,647	541	976	7,916	3,482	25,606
2025-26	2,433	1,637	2,796	733	1,432	2,016	1,647	540	976	7,912	3,478	25,600
2026-27	2,433	1,637	2,799	733	1,433	2,016	1,647	539	976	7,908	3,478	25,599
2027-28	2,433	1,637	2,802	733	1,435	2,016	1,647	538	976	7,904	3,478	25,599

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.

## 2017 Load & Capacity Data Report

### 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
2017	15,481	9,704	15,989	4,420	7,801	12,159	9,633	2,762	5,942	51,767	21,097	156,755
2018	15,432	9,676	15,956	4,459	7,793	12,199	9,574	2,754	5,923	51,738	20,624	156,128
2019	15,383	9,644	15,925	4,475	7,785	12,237	9,515	2,744	5,903	51,602	20,333	155,546
2020	15,336	9,610	15,897	4,479	7,777	12,272	9,479	2,734	5,882	51,321	20,116	154,903
2021	15,307	9,585	15,880	4,478	7,767	12,304	9,443	2,720	5,849	50,645	20,039	154,017
2022	15,300	9,562	15,864	4,474	7,758	12,331	9,423	2,713	5,835	50,384	19,969	153,613
2023	15,294	9,542	15,853	4,469	7,758	12,354	9,406	2,707	5,823	50,210	20,052	153,468
2024	15,286	9,525	15,842	4,463	7,758	12,375	9,399	2,703	5,814	50,081	20,060	153,306
2025	15,281	9,513	15,835	4,455	7,758	12,391	9,390	2,700	5,807	50,000	20,052	153,182
2026	15,281	9,505	15,828	4,452	7,758	12,403	9,387	2,698	5,803	49,962	20,017	153,094
2027	15,281	9,500	15,820	4,448	7,758	12,411	9,386	2,696	5,799	49,923	20,121	153,143

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017	2,437	1,836	2,616	468	1,302	2,163	2,017	565	1,285	10,502	4,789	29,980
2018	2,439	1,839	2,619	469	1,303	2,165	1,999	562	1,279	10,536	4,681	29,891
2019	2,441	1,842	2,622	469	1,303	2,166	1,980	559	1,275	10,582	4,615	29,854
2020	2,443	1,844	2,625	469	1,303	2,167	1,965	558	1,268	10,609	4,566	29,817
2021	2,444	1,848	2,628	469	1,304	2,168	1,955	554	1,261	10,637	4,564	29,832
2022	2,446	1,852	2,631	469	1,305	2,169	1,944	554	1,264	10,654	4,568	29,856
2023	2,448	1,855	2,632	470	1,306	2,170	1,939	555	1,267	10,682	4,587	29,911
2024	2,449	1,860	2,636	470	1,308	2,171	1,934	556	1,271	10,713	4,594	29,962
2025	2,450	1,862	2,637	470	1,308	2,171	1,929	558	1,276	10,762	4,611	30,034
2026	2,451	1,863	2,639	470	1,309	2,171	1,925	559	1,284	10,824	4,623	30,118
2027	2,452	1,866	2,641	470	1,310	2,171	1,922	561	1,287	10,856	4,649	30,185

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017-18	2,171	1,460	2,462	632	1,263	1,783	1,470	483	856	7,065	3,048	22,693
2018-19	2,165	1,459	2,463	632	1,263	1,783	1,465	480	854	7,056	3,008	22,628
2019-20	2,157	1,456	2,463	632	1,264	1,783	1,462	477	852	7,023	2,977	22,546
2020-21	2,155	1,454	2,465	632	1,264	1,783	1,460	474	849	6,937	2,966	22,439
2021-22	2,154	1,452	2,466	633	1,264	1,783	1,459	472	848	6,907	2,956	22,394
2022-23	2,153	1,451	2,469	633	1,264	1,783	1,459	471	847	6,889	2,956	22,375
2023-24	2,153	1,450	2,470	633	1,265	1,782	1,459	470	847	6,876	2,956	22,361
2024-25	2,153	1,450	2,473	633	1,266	1,782	1,459	470	847	6,873	2,956	22,362
2025-26	2,153	1,450	2,474	633	1,267	1,782	1,459	469	847	6,869	2,953	22,356
2026-27	2,153	1,450	2,477	633	1,268	1,782	1,459	468	847	6,866	2,953	22,356
2027-28	2,153	1,450	2,479	633	1,270	1,782	1,459	467	847	6,863	2,953	22,356

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.

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

*Cumulative Impacts Relative to 2016*

**Forecast of Reductions in Annual Energy by Zone - GWh**

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017	143	81	133	12	71	122	91	21	48	429	179	1,330
2018	324	190	302	27	162	278	207	39	73	650	425	2,677
2019	522	324	482	43	261	452	318	56	91	804	644	3,997
2020	685	431	635	57	344	596	413	72	113	1,002	854	5,202
2021	833	538	784	71	420	721	513	90	136	1,204	1,059	6,369
2022	988	651	940	86	501	853	619	109	159	1,406	1,253	7,565
2023	1,142	762	1,095	101	580	982	725	128	181	1,608	1,436	8,740
2024	1,290	870	1,245	115	657	1,107	828	146	203	1,801	1,612	9,874
2025	1,437	976	1,394	129	733	1,231	930	163	223	1,976	1,791	10,983
2026	1,534	1,044	1,494	138	784	1,313	996	175	240	2,130	1,955	11,803
2027	1,624	1,108	1,587	147	831	1,389	1,056	186	255	2,261	2,089	12,533

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017	17	9	16	1	8	15	10	5	12	111	26	230
2018	39	23	37	3	20	35	23	9	17	152	71	429
2019	65	41	60	4	33	59	37	13	19	172	115	618
2020	85	55	79	5	44	78	47	13	23	204	158	791
2021	103	69	97	7	53	93	59	16	26	226	200	949
2022	122	84	117	8	63	110	72	17	27	236	240	1,096
2023	141	98	136	10	73	127	84	17	28	246	278	1,238
2024	160	113	156	11	83	144	97	22	29	254	315	1,384
2025	179	127	175	12	94	161	109	22	30	264	351	1,524
2026	190	136	187	13	100	171	117	22	31	274	386	1,627
2027	201	144	198	14	105	180	124	22	32	283	418	1,721

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017-18	10	6	9	1	5	9	6	4	8	78	33	169
2018-19	25	15	23	2	13	23	15	6	12	106	62	302
2019-20	41	26	38	3	21	38	23	9	13	120	90	422
2020-21	54	35	50	3	28	50	30	9	16	143	117	535
2021-22	66	44	61	4	34	60	37	11	18	158	143	636
2022-23	78	53	74	5	40	71	45	12	19	165	166	728
2023-24	90	63	86	6	46	81	53	12	20	172	187	816
2024-25	102	72	98	7	53	92	61	15	20	178	210	908
2025-26	114	81	110	8	59	103	70	15	21	185	232	998
2026-27	120	86	117	8	63	109	74	15	22	192	252	1,058
2027-28	127	91	124	9	66	114	78	15	22	198	270	1,114

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

*Cumulative Impacts*

#### Forecast of Reductions in Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017	116	68	165	10	109	350	324	35	46	170	452	1,845
2018	161	114	235	13	135	464	432	48	63	231	696	2,592
2019	195	142	280	22	166	547	516	62	82	299	827	3,138
2020	226	165	318	32	194	621	591	79	105	380	912	3,623
2021	247	178	341	40	213	670	644	99	131	473	973	4,009
2022	265	190	361	48	231	710	690	117	155	558	1,009	4,334
2023	281	200	376	56	247	743	727	133	175	631	1,032	4,601
2024	294	208	389	63	260	768	757	146	193	694	1,056	4,828
2025	304	215	398	70	272	787	780	158	208	749	1,080	5,021
2026	313	220	405	77	282	802	799	168	221	796	1,103	5,186
2027	320	224	410	82	290	812	813	177	232	837	1,127	5,324

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017	22	14	31	2	19	68	67	8	11	38	170	450
2018	28	20	41	3	23	83	82	11	15	52	272	630
2019	32	24	47	4	27	95	94	14	19	68	314	738
2020	36	27	52	6	31	105	105	18	24	87	347	838
2021	39	28	55	7	33	111	112	22	30	109	371	917
2022	41	30	57	8	35	117	118	26	35	129	385	981
2023	43	31	59	9	37	121	123	29	40	146	394	1,032
2024	45	32	61	10	39	124	127	32	44	160	403	1,077
2025	46	33	62	11	41	126	129	35	47	172	412	1,114
2026	47	33	62	12	42	128	132	37	50	183	421	1,147
2027	48	34	63	13	43	129	133	39	52	192	430	1,176

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
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
2027-28	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.

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

**Forecast of Reductions in Annual Energy by Zone - GWh**

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017	115	22	285	3	87	147	6	20	80	802	17	1,584
2018	121	22	290	3	88	149	6	22	86	857	17	1,661
2019	124	22	295	3	90	169	19	24	95	953	17	1,811
2020	124	22	295	3	133	286	19	24	101	1,013	17	2,037
2021	124	22	295	3	133	286	19	27	104	1,040	17	2,070
2022	124	23	304	3	147	307	25	27	109	1,085	17	2,171
2023	128	23	321	5	147	306	25	27	111	1,112	17	2,222
2024	128	23	328	5	154	331	25	29	117	1,166	17	2,323
2025	131	23	328	5	154	331	27	29	119	1,190	17	2,354
2026	132	23	332	5	158	339	27	31	124	1,242	17	2,430
2027	132	24	334	5	160	338	27	31	127	1,268	17	2,463

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017	9	2	26	0	8	12	1	4	15	154	2	233
2018	9	2	28	0	9	13	1	4	17	165	2	250
2019	10	3	31	0	9	15	1	4	18	184	2	277
2020	10	3	33	0	10	16	1	4	20	195	2	294
2021	10	3	36	0	11	17	1	4	20	202	2	306
2022	11	3	38	0	11	19	2	4	21	211	2	322
2023	11	4	40	0	12	19	2	4	22	216	2	332
2024	11	4	41	0	12	20	2	7	23	226	2	348
2025	11	4	41	0	12	21	2	7	23	231	2	354
2026	12	4	42	0	13	21	2	7	24	242	2	369
2027	12	4	42	0	13	21	2	7	25	247	2	375

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017-18	9	2	26	0	8	12	1	4	15	154	2	233
2018-19	9	2	28	0	9	13	1	4	17	165	2	250
2019-20	10	3	31	0	9	15	1	4	18	184	2	277
2020-21	10	3	33	0	10	16	1	4	20	195	2	294
2021-22	10	3	36	0	11	17	1	4	20	202	2	306
2022-23	11	3	38	0	11	19	2	4	21	211	2	322
2023-24	11	4	40	0	12	19	2	4	22	216	2	332
2024-25	11	4	41	0	12	20	2	7	23	226	2	348
2025-26	11	4	41	0	12	21	2	7	23	231	2	354
2026-27	12	4	42	0	13	21	2	7	24	242	2	369
2027-28	12	4	42	0	13	21	2	7	25	247	2	375



## 2017 Load & Capacity Data Report

### 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
2017	15,982	9,978	16,699	4,464	8,134	12,900	10,188	2,887	6,201	53,882	22,076	163,391
2018	16,164	10,105	16,910	4,521	8,244	13,212	10,353	2,912	6,230	54,190	22,085	164,926
2019	16,350	10,234	17,109	4,562	8,368	13,527	10,501	2,935	6,255	54,370	22,140	166,351
2020	16,496	10,330	17,271	4,590	8,514	13,898	10,634	2,958	6,285	54,424	22,214	167,614
2021	16,636	10,425	17,426	4,611	8,599	14,104	10,751	2,984	6,304	54,061	22,402	168,303
2022	16,802	10,528	17,595	4,630	8,703	14,324	10,888	3,014	6,341	54,128	22,561	169,514
2023	16,970	10,628	17,771	4,650	8,798	14,509	11,014	3,043	6,373	54,254	22,851	170,861
2024	17,123	10,727	17,930	4,665	8,895	14,705	11,140	3,072	6,410	54,433	23,060	172,160
2025	17,278	10,828	18,081	4,678	8,983	14,864	11,258	3,098	6,440	54,605	23,254	173,367
2026	17,385	10,893	18,185	4,691	9,048	14,981	11,340	3,120	6,471	54,819	23,406	174,339
2027	17,482	10,957	18,277	4,701	9,105	15,074	11,413	3,138	6,496	54,978	23,670	175,291

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017	2,701	2,025	2,925	511	1,454	2,496	2,316	673	1,530	11,878	5,582	34,091
2018	2,731	2,048	2,961	515	1,472	2,534	2,324	677	1,535	11,982	5,608	34,387
2019	2,764	2,074	2,997	517	1,490	2,574	2,329	680	1,537	12,087	5,619	34,668
2020	2,790	2,094	3,026	520	1,506	2,605	2,333	683	1,540	12,179	5,640	34,916
2021	2,813	2,113	3,053	523	1,519	2,628	2,341	685	1,541	12,261	5,704	35,181
2022	2,837	2,134	3,080	525	1,532	2,654	2,349	690	1,551	12,318	5,763	35,433
2023	2,860	2,154	3,105	529	1,546	2,676	2,360	695	1,561	12,381	5,831	35,698
2024	2,882	2,175	3,132	531	1,560	2,698	2,371	707	1,572	12,448	5,885	35,961
2025	2,903	2,192	3,153	533	1,573	2,718	2,380	712	1,582	12,529	5,949	36,224
2026	2,917	2,202	3,168	535	1,582	2,730	2,387	715	1,596	12,629	6,006	36,467
2027	2,930	2,214	3,182	537	1,589	2,740	2,391	719	1,604	12,687	6,077	36,670

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2017-18	2,333	1,565	2,660	683	1,360	1,924	1,574	528	944	7,837	3,359	24,767
2018-19	2,342	1,572	2,677	684	1,369	1,939	1,578	527	948	7,866	3,344	24,846
2019-20	2,351	1,581	2,695	685	1,378	1,956	1,583	527	948	7,864	3,338	24,906
2020-21	2,361	1,588	2,711	685	1,386	1,969	1,587	524	950	7,805	3,353	24,919
2021-22	2,372	1,595	2,726	687	1,393	1,980	1,593	524	951	7,795	3,369	24,985
2022-23	2,384	1,603	2,744	688	1,399	1,993	1,602	524	952	7,792	3,392	25,073
2023-24	2,396	1,613	2,759	689	1,407	2,002	1,610	523	954	7,790	3,413	25,156
2024-25	2,408	1,622	2,775	690	1,415	2,014	1,618	528	955	7,802	3,436	25,263
2025-26	2,420	1,631	2,789	691	1,422	2,026	1,627	527	956	7,810	3,454	25,353
2026-27	2,427	1,636	2,800	691	1,428	2,032	1,631	526	958	7,825	3,474	25,428
2027-28	2,434	1,641	2,809	692	1,433	2,037	1,635	525	959	7,832	3,492	25,489

2017 Load & Capacity Data Report

**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
2017	2,847	2,096	2,998	551	1,515	2,558	2,341	681	1,548	11,973	5,627
2018	2,878	2,120	3,035	555	1,534	2,597	2,350	685	1,553	12,078	5,653
2019	2,913	2,147	3,072	557	1,553	2,638	2,355	688	1,555	12,184	5,664
2020	2,941	2,167	3,102	561	1,569	2,670	2,359	691	1,558	12,276	5,685
2021	2,965	2,187	3,129	564	1,583	2,694	2,367	693	1,559	12,359	5,750
2022	2,990	2,209	3,157	566	1,596	2,720	2,375	698	1,570	12,417	5,809
2023	3,014	2,229	3,183	570	1,611	2,743	2,386	703	1,580	12,480	5,878
2024	3,038	2,251	3,210	572	1,626	2,765	2,397	715	1,591	12,548	5,932
2025	3,060	2,269	3,232	575	1,639	2,786	2,406	721	1,601	12,629	5,997
2026	3,075	2,279	3,247	577	1,648	2,798	2,413	724	1,615	12,730	6,054
2027	3,088	2,291	3,262	579	1,656	2,809	2,417	728	1,623	12,788	6,126

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

Year	A	B	C	D	E	F	G	H	I	J	K
2017-18	2,361	1,581	2,665	699	1,393	1,947	1,591	557	965	7,939	3,475
2018-19	2,370	1,588	2,682	700	1,402	1,962	1,595	555	969	7,968	3,487
2019-20	2,379	1,597	2,700	701	1,411	1,979	1,600	555	969	7,966	3,500
2020-21	2,389	1,604	2,716	701	1,419	1,993	1,604	552	971	7,906	3,543
2021-22	2,400	1,611	2,731	703	1,426	2,004	1,611	552	972	7,896	3,580
2022-23	2,413	1,619	2,749	705	1,433	2,017	1,620	552	973	7,893	3,623
2023-24	2,425	1,629	2,765	706	1,441	2,026	1,628	551	975	7,891	3,656
2024-25	2,437	1,638	2,781	707	1,449	2,038	1,636	557	976	7,903	3,701
2025-26	2,449	1,647	2,795	708	1,456	2,050	1,645	555	977	7,912	3,734
2026-27	2,456	1,652	2,806	708	1,462	2,056	1,649	554	979	7,927	3,781
2027-28	2,463	1,657	2,815	709	1,467	2,061	1,653	553	980	7,934	3,814

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

**Historical Annual Energy by Zone - GWh**

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
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
2016	15,803	9,995	16,205	4,389	7,894	12,298	9,975	2,856	6,139	53,653	21,591	160,798

**Historical Summer Coincident Peak Demand by Zone - MW**

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
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
2016	2,672	2,008	2,812	561	1,384	2,328	2,123	636	1,392	10,990	5,169	32,075

**Historical Winter Coincident Peak Demand by Zone - MW**

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
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
2016-17	2,295	1,600	2,573	671	1,395	1,867	1,549	530	917	7,482	3,285	24,164

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**Table I-4b: Historical Zonal Non-Coincident Peak Demand**

**Historical Summer Non-Coincident Peak Demand by Zone - MW**

Year	A	B	C	D	E	F	G	H	I	J	K
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
2016	2,800	2,023	2,830	704	1,397	2,342	2,198	652	1,392	10,990	5,394

**Historical Winter Non-Coincident Peak Demand by Zone - MW**

Year	A	B	C	D	E	F	G	H	I	J	K
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
2016-17	2,295	1,600	2,573	688	1,395	1,867	1,553	554	921	7,506	3,320

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

**Historical G-to-J Locality Summer Peak Demand by Zone - MW**

Year	G	H	I	J	G-J
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
2016	2,123	636	1,392	10,990	15,141

**Historical G-to-J Locality Winter Peak Demand by Zone - MW**

Year	G	H	I	J	G-J
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
2016-17	1,549	530	917	7,483	10,479

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**Table I-4d: Historical NYCA System Peak Demand**

**New York Control Area System Coincident Peaks**

**Summer Coincident 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
2016	8/11/2016	17	32,076

**Winter Coincident Peak Dates & Times**

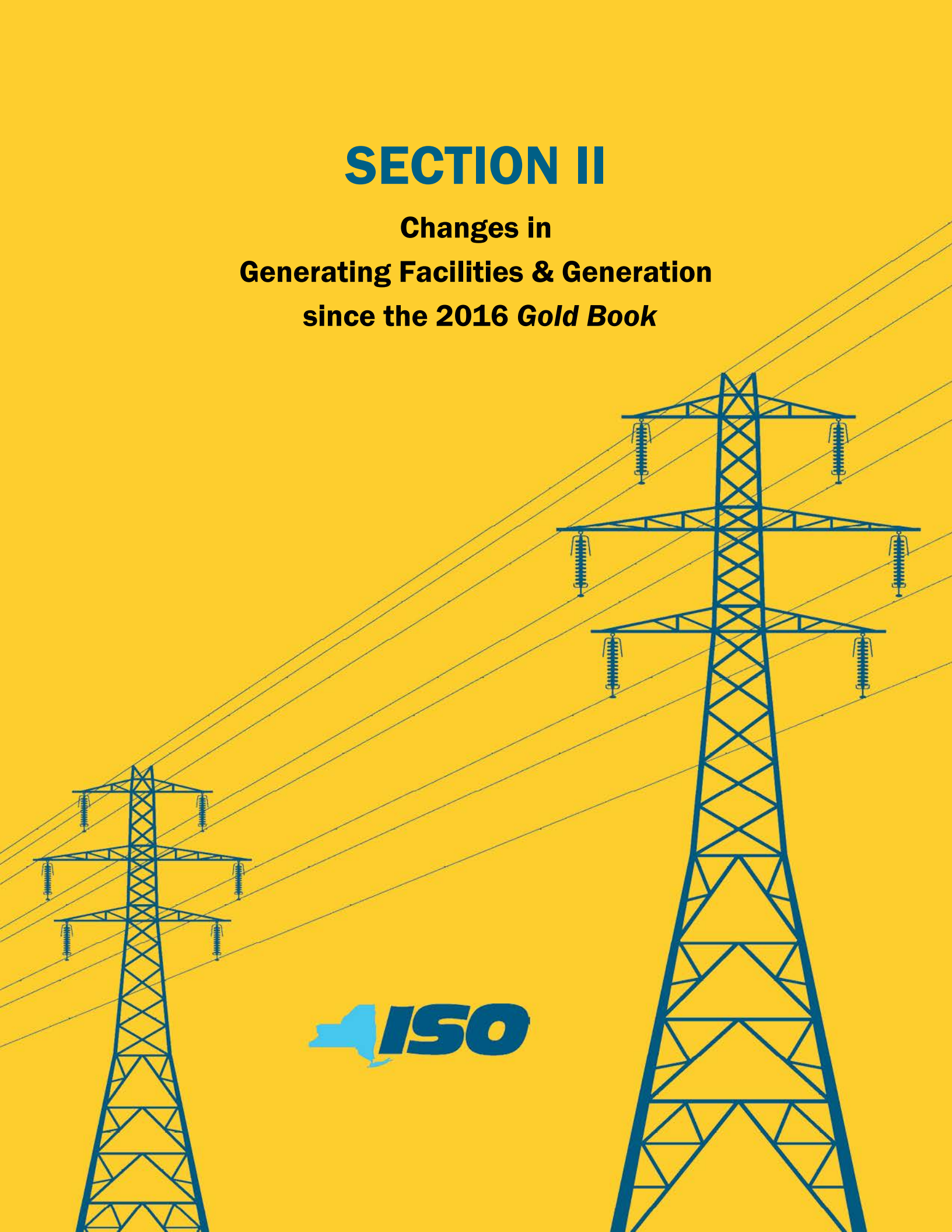
November 1 through following April 30

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
2016-17	12/15/2016	18	24,164

\* Record peaks are highlighted.

# SECTION II

## Changes in Generating Facilities & Generation since the 2016 *Gold Book*



## 2017 Load & Capacity Data Report

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## Section II

This section provides an overview of significant changes in generating facilities since the 2016 *Gold Book* was issued; together with a summary of changes in energy generation in the past year.

### **Changes in Existing Generation Since the 2016 Gold Book**

The Summer 2017 NYCA installed generating capacity of 38,777 MW is 201 MW more than the Summer 2016 generating capacity of 38,576 MW, due to deactivations (retirements, mothballs, and generator outages), additions, and ratings changes (see Table II-1a).

**Table II-1a: Summary of Changes in Summer Capacity Since 2016 – MW**

Generator Fuel Types	2016 Capacity	Deactivations	Additions & Uprates	Reclassifications	Ratings Changes	2017 Capacity
Gas	3,788			-228	28	3,588
Oil	2,578	-16		-68	5	2,499
Gas & Oil	18,211	-26		296	48	18,529
Coal	1,017				-7	1,011
Nuclear	5,402				-26	5,375
Pumped Storage	1,406				1	1,407
Hydro	4,315				-64	4,251
Wind	1,446		78		216	1,740
Other	413				-35	378
Total	38,576	-41	78	0	165	38,777

The Winter 2017-2018 NYCA installed generating capacity of 41,257 MW is 262 MW more than the Winter 2016-2017 generating capacity of 40,955 MW, due to deactivations, additions, and ratings changes (see Table II-1b).

Generator ratings are updated semi-annually for the Summer and Winter Capability periods. Additional information on existing generation is provided in Section III.

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Since the publication of the 2016 *Gold Book*, one new unit totaling 78 MW of summer capacity has been added. Ratings changes in existing generators resulted in a net increase of 165 MW. A total of 296 MW of summer capacity reclassified from gas or oil fuel to dual fuel capable.

**Table II-1b: Summary of Changes in Winter Capacity Since 2016 – MW**

Generator Fuel Types	2016 Capacity	Deactivations	Additions & Uprates	Reclassifications	Ratings Changes	2017 Capacity
Gas	4,141			-285	41	3,898
Oil	2,982	-17		-85	-3	2,877
Gas & Oil	19,850	-32		369	66	20,253
Coal	1,032				-6	1,027
Nuclear	5,435				3	5,438
Pumped Storage	1,404				7	1,411
Hydro	4,291				-60	4,232
Wind	1,446		78		216	1,740
Other	414				-31	383
<b>Total</b>	<b>40,995</b>	<b>-49</b>	<b>78</b>	<b>0</b>	<b>233</b>	<b>41,257</b>

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.

### **Proposed Changes to Generation for Summer 2017**

Returning, new, and exiting generation result in a net decrease in capacity of 1,025 MW for Summer 2017.

### **Demand Response Resources for Summer 2017 and Winter 2017-18**

The projected 2017 Summer Capability for Special Case Resources (SCR) is 1,192 MW. The projected Summer 2017 enrollment for the Emergency Demand Response

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Program (EDRP) is 75 MW. For Winter 2017-18, the SCR total is 792 MW and the EDRP enrollment is 93 MW.

### **Total Resource Capability for Summer 2017 and Winter 2017-18**

The Total Resource Capability forecasted for the 2017 Summer Capability period is 40,799 MW. This value is the sum of existing facilities (38,777 MW), Special Case Resources (1,192 MW), Net Generation Additions (-1,703 MW) and Net Purchases from external areas (2,533 MW). This is a decrease of 753 MW from the 2016 value of 41,552 MW.

For the Winter Capability period, the forecasted Total Resource Capability is 43,307 MW. This value is the sum of existing facilities (41,257 MW), Special Case Resources (792 MW), Net Generation Additions (-1,052 MW), and Net Purchases from external areas (2,311 MW). This is an increase of 1,869 MW from the 2016-2017 value of 41,438 MW.

### **Summary of 2016 Electric Generation**

In 2016, a total of 137,532 GWh was generated in New York State, a decrease of 3.4% from the 142,346 GWh generated in 2015. Renewable energy generation was 33,192 GWh in 2016 (24% of total NYCA generation), compared to 32,944 GWh in 2015 (23%). Fossil-fueled energy generation in 2016 was 62,784 GWh (46%), compared to 64,782 GWh in 2015 (46%). Nuclear energy generation was 41,638 GWh in 2016 (30%), compared to 44,620 GWh in 2015 (31%).

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# SECTION III

## Existing Generating Facilities



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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, 2017. Table III-2 reports information on generator ownership, location, in-service date, fuels used, and generator type. It includes values for nameplate rating, NYISO summer Capacity Resource Interconnection Service (CRIS) MW values<sup>5</sup> for generators, summer and winter capability, and net energy generated during the preceding calendar year. Generator facilities that have been deactivated since the publication of the 2016 *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 2017 Summer Installed Capacity market will generally use DMNC values taken from the 2016 Summer Capability Period. The Winter Capability values represent the most recent DMNC values demonstrated during a Winter Capability Period. The 2017/2018 Winter Installed Capacity Market will generally use DMNC values taken from the 2016/2017 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 the Type 2 or Type 3 fuel listed for each generating unit in Table III-2. Generators may choose the fuel type 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 generation with 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.

Table III-3c provides the amount of energy generated in the state, and Table III-3d provides the amount of NYCA net energy interchange with other control areas.

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<sup>5</sup> 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-2: Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				MW				Type 1	Type 2	Type 3		
					YYYY-MM-DD	MW	MW	SUM	WIN										
Albany Energy LLC	Albany LFGE		F	323615	Albany	001	36	1998-05-01	5.6	4.5	5.6	5.6	IC	MTE				28.6	
Astoria Energy II, LLC	Astoria Energy 2 - CC3		J	323677	Queens	081	36	2011-07-01	330.0	288.0	284.0	326.0	YES	CC	NG	F02		2,897.1	( G )
Astoria Energy II, LLC	Astoria Energy 2 - CC4		J	323678	Queens	081	36	2011-07-01	330.0	288.0	284.0	326.0	YES	CC	NG	F02			
Astoria Energy, LLC	Astoria East Energy - CC1		J	323581	Queens	081	36	2006-04-01	320.0	292.6	278.9	314.8	YES	CC	NG	F02		3,363.7	( G )
Astoria Energy, LLC	Astoria East Energy - CC2		J	323582	Queens	081	36	2006-04-01	320.0	292.6	278.9	314.8	YES	CC	NG	F02			
Astoria Generating Company L.P.	Astoria 2		J	24149	Queens	081	36	1954-03-01	180.0	177.0	172.1	169.2	ST	NG				3.6	
Astoria Generating Company L.P.	Astoria 3		J	23516	Queens	081	36	1958-09-01	376.0	369.9	379.1	372.9	YES	ST	F06	NG		337.5	
Astoria Generating Company L.P.	Astoria 5		J	23518	Queens	081	36	1962-05-01	387.0	376.3	381.8	387.4	YES	ST	F06	NG		474.0	
Astoria Generating Company L.P.	Astoria GT 01		J	23523	Queens	081	36	1967-07-01	16.0	15.7	14.4	18.3	GT	NG				0.9	
Astoria Generating Company L.P.	Gowanus 1-1		J	24077	Brooklyn	047	36	1971-06-01	20.0	19.1	18.7	23.9	GT	F02				0.1	
Astoria Generating Company L.P.	Gowanus 1-2		J	24078	Brooklyn	047	36	1971-06-01	20.0	17.1	19.2	24.7	GT	F02				0.1	
Astoria Generating Company L.P.	Gowanus 1-3		J	24079	Brooklyn	047	36	1971-06-01	20.0	17.2	17.4	21.9	GT	F02				0.1	
Astoria Generating Company L.P.	Gowanus 1-4		J	24080	Brooklyn	047	36	1971-06-01	20.0	17.1	16.2	20.9	GT	F02				0.1	
Astoria Generating Company L.P.	Gowanus 1-5		J	24084	Brooklyn	047	36	1971-06-01	20.0	16.5	17.4	21.6	GT	F02				0.0	
Astoria Generating Company L.P.	Gowanus 1-6		J	24111	Brooklyn	047	36	1971-06-01	20.0	18.0	16.1	20.8	GT	F02				0.1	
Astoria Generating Company L.P.	Gowanus 1-7		J	24112	Brooklyn	047	36	1971-06-01	20.0	17.6	17.0	22.2	GT	F02				0.1	
Astoria Generating Company L.P.	Gowanus 1-8		J	24113	Brooklyn	047	36	1971-06-01	20.0	16.1	16.0	20.4	GT	F02				0.1	
Astoria Generating Company L.P.	Gowanus 2-1		J	24114	Brooklyn	047	36	1971-06-01	20.0	17.9	16.9	21.1	YES	GT	F02	NG		0.7	
Astoria Generating Company L.P.	Gowanus 2-2		J	24115	Brooklyn	047	36	1971-06-01	20.0	18.8	17.8	22.6	YES	GT	F02	NG		1.0	
Astoria Generating Company L.P.	Gowanus 2-3		J	24116	Brooklyn	047	36	1971-06-01	20.0	20.6	19.1	24.0	YES	GT	F02	NG		0.9	
Astoria Generating Company L.P.	Gowanus 2-4		J	24117	Brooklyn	047	36	1971-06-01	20.0	19.3	17.1	22.1	YES	GT	F02	NG		0.7	
Astoria Generating Company L.P.	Gowanus 2-5		J	24118	Brooklyn	047	36	1971-06-01	20.0	18.6	17.6	22.2	YES	GT	F02	NG		1.4	
Astoria Generating Company L.P.	Gowanus 2-6		J	24119	Brooklyn	047	36	1971-06-01	20.0	20.3	19.1	24.3	YES	GT	F02	NG		0.8	
Astoria Generating Company L.P.	Gowanus 2-7		J	24120	Brooklyn	047	36	1971-06-01	20.0	19.6	18.8	23.8	YES	GT	F02	NG		2.2	
Astoria Generating Company L.P.	Gowanus 2-8		J	24121	Brooklyn	047	36	1971-06-01	20.0	17.7	17.0	22.0	YES	GT	F02	NG		0.7	
Astoria Generating Company L.P.	Gowanus 3-1		J	24122	Brooklyn	047	36	1971-07-01	20.0	17.7	16.8	21.4	YES	GT	F02	NG		0.8	
Astoria Generating Company L.P.	Gowanus 3-2		J	24123	Brooklyn	047	36	1971-07-01	20.0	17.7	16.7	21.5	YES	GT	F02	NG		1.7	
Astoria Generating Company L.P.	Gowanus 3-3		J	24124	Brooklyn	047	36	1971-07-01	20.0	19.8	18.8	23.0	YES	GT	F02	NG		0.6	
Astoria Generating Company L.P.	Gowanus 3-4		J	24125	Brooklyn	047	36	1971-07-01	20.0	17.9	16.7	22.6	YES	GT	F02	NG		0.7	
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	F02	NG		0.8	
Astoria Generating Company L.P.	Gowanus 3-6		J	24127	Brooklyn	047	36	1971-07-01	20.0	17.6	15.5	20.3	YES	GT	F02	NG		0.4	
Astoria Generating Company L.P.	Gowanus 3-7		J	24128	Brooklyn	047	36	1971-07-01	20.0	18.1	17.6	23.0	YES	GT	F02	NG		0.9	
Astoria Generating Company L.P.	Gowanus 3-8		J	24129	Brooklyn	047	36	1971-07-01	20.0	19.0	18.3	23.3	YES	GT	F02	NG		0.7	
Astoria Generating Company L.P.	Gowanus 4-1		J	24130	Brooklyn	047	36	1971-07-01	20.0	16.8	18.9	24.2	GT	F02				0.1	
Astoria Generating Company L.P.	Gowanus 4-2		J	24131	Brooklyn	047	36	1971-07-01	20.0	17.3	17.6	22.3	GT	F02				0.1	
Astoria Generating Company L.P.	Gowanus 4-3		J	24132	Brooklyn	047	36	1971-07-01	20.0	17.6	17.0	22.2	GT	F02				0.1	
Astoria Generating Company L.P.	Gowanus 4-4		J	24133	Brooklyn	047	36	1971-07-01	20.0	17.1	16.5	21.3	GT	F02				0.0	
Astoria Generating Company L.P.	Gowanus 4-5		J	24134	Brooklyn	047	36	1971-07-01	20.0	17.1	16.2	21.1	GT	F02				0.2	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				Sum	Win			Type 1	Type 2	Type 3		
					YYYY-MM-DD	MW	MW	SUM	WIN										
Astoria Generating Company L.P.	Gowanus 4-6		J	24135	Brooklyn	047	36	1971-07-01	20.0	18.6	17.6	23.1	GT	F02				0.2	
Astoria Generating Company L.P.	Gowanus 4-7		J	24136	Brooklyn	047	36	1971-07-01	20.0	16.6	17.1	20.9	GT	F02				0.1	
Astoria Generating Company L.P.	Gowanus 4-8		J	24137	Brooklyn	047	36	1971-07-01	20.0	19.0	17.1	22.3	GT	F02				0.1	
Astoria Generating Company L.P.	Narrows 1-1		J	24228	Brooklyn	047	36	1972-05-01	22.0	21.0	18.9	23.9	YES GT	KER NG				4.7	
Astoria Generating Company L.P.	Narrows 1-2		J	24229	Brooklyn	047	36	1972-05-01	22.0	19.5	17.3	22.4	YES GT	KER NG				5.5	
Astoria Generating Company L.P.	Narrows 1-3		J	24230	Brooklyn	047	36	1972-05-01	22.0	20.4	18.9	23.4	YES GT	KER NG				7.3	
Astoria Generating Company L.P.	Narrows 1-4		J	24231	Brooklyn	047	36	1972-05-01	22.0	20.1	19.1	24.4	YES GT	KER NG				4.9	
Astoria Generating Company L.P.	Narrows 1-5		J	24232	Brooklyn	047	36	1972-05-01	22.0	19.8	19.8	24.4	YES GT	KER NG				4.5	
Astoria Generating Company L.P.	Narrows 1-6		J	24233	Brooklyn	047	36	1972-05-01	22.0	18.9	16.5	22.1	YES GT	KER NG				3.1	
Astoria Generating Company L.P.	Narrows 1-7		J	24234	Brooklyn	047	36	1972-05-01	22.0	18.4	15.6	20.6	YES GT	KER NG				2.4	
Astoria Generating Company L.P.	Narrows 1-8		J	24235	Brooklyn	047	36	1972-05-01	22.0	19.9	17.4	21.9	YES GT	KER NG				5.1	
Astoria Generating Company L.P.	Narrows 2-1		J	24236	Brooklyn	047	36	1972-06-01	22.0	19.4	18.6	23.8	YES GT	KER NG				4.2	
Astoria Generating Company L.P.	Narrows 2-2		J	24237	Brooklyn	047	36	1972-06-01	22.0	18.7	16.6	22.6	YES GT	KER NG				5.4	
Astoria Generating Company L.P.	Narrows 2-3		J	24238	Brooklyn	047	36	1972-06-01	22.0	18.4	18.0	23.8	YES GT	KER NG				7.2	
Astoria Generating Company L.P.	Narrows 2-4		J	24239	Brooklyn	047	36	1972-06-01	22.0	18.4	18.7	24.1	YES GT	KER NG				3.0	
Astoria Generating Company L.P.	Narrows 2-5		J	24240	Brooklyn	047	36	1972-06-01	22.0	19.9	18.0	23.7	YES GT	KER NG				7.3	
Astoria Generating Company L.P.	Narrows 2-6		J	24241	Brooklyn	047	36	1972-06-01	22.0	18.1	15.4	20.8	YES GT	KER NG				1.8	
Astoria Generating Company L.P.	Narrows 2-7		J	24242	Brooklyn	047	36	1972-06-01	22.0	20.7	18.1	24.1	YES GT	KER NG				9.4	
Astoria Generating Company L.P.	Narrows 2-8		J	24243	Brooklyn	047	36	1972-06-01	22.0	17.5	16.0	21.6	YES GT	KER NG				2.8	
Athens Generating Company, LP	Athens 1		F	23668	Athens	039	36	2004-05-01	441.0	316.6	327.6	400.3	YES CC	NG F02				1,382.2	
Athens Generating Company, LP	Athens 2		F	23670	Athens	039	36	2004-05-01	441.0	315.6	328.1	407.3	YES CC	NG F02				1,414.9	
Athens Generating Company, LP	Athens 3		F	23677	Athens	039	36	2004-05-01	441.0	312.8	325.1	396.7	YES CC	NG F02				1,173.4	
Bayonne Energy Center, LLC	Bayonne EC CTG1		J	323682	Bayonne NJ	017	34	2012-06-01	64.0	64.0	59.9	63.1	YES JE	NG KER				143.8	
Bayonne Energy Center, LLC	Bayonne EC CTG2		J	323683	Bayonne NJ	017	34	2012-06-01	64.0	64.0	61.0	62.7	YES JE	NG KER				149.0	
Bayonne Energy Center, LLC	Bayonne EC CTG3		J	323684	Bayonne NJ	017	34	2012-06-01	64.0	64.0	59.1	62.7	YES JE	NG KER				151.0	
Bayonne Energy Center, LLC	Bayonne EC CTG4		J	323685	Bayonne NJ	017	34	2012-06-01	64.0	64.0	58.7	62.4	YES JE	NG KER				129.9	
Bayonne Energy Center, LLC	Bayonne EC CTG5		J	323686	Bayonne NJ	017	34	2012-06-01	64.0	64.0	62.0	63.2	YES JE	NG KER				150.3	
Bayonne Energy Center, LLC	Bayonne EC CTG6		J	323687	Bayonne NJ	017	34	2012-06-01	64.0	64.0	59.4	62.2	YES JE	NG KER				119.7	
Bayonne Energy Center, LLC	Bayonne EC CTG7		J	323688	Bayonne NJ	017	34	2012-06-01	64.0	64.0	60.7	62.7	YES JE	NG KER				137.2	
Bayonne Energy Center, LLC	Bayonne EC CTG8		J	323689	Bayonne NJ	017	34	2012-06-01	64.0	64.0	61.7	62.8	YES JE	NG KER				134.4	
Binghamton BOP, LLC	Binghamton		C	23790	Binghamton	007	36	2001-03-01	47.7	43.8	43.7	46.7	YES CC	NG KER				29.0	
Boralex Hydro Operations Inc	Fourth Branch		F	23824	Waterford	091	36	1987-12-01	3.3	3.5	3.3	3.3	HY	WAT				14.7	
Boralex Hydro Operations Inc	NYS Dam		F	23527	Waterford	091	36	1990-12-01	11.4	11.3	11.4	11.4	HY	WAT				42.7	
Boralex Hydro Operations Inc	Sissonville		E	23735	Potsdam	089	36	1990-08-01	3.1	3.0	3.1	3.1	HY	WAT				11.6	
Boralex Hydro Operations Inc	Warrensburg		F	23737	Warrensburg	113	36	1988-12-01	2.9	3.0	2.9	2.9	HY	WAT				9.2	
Calpine Energy Services LP	Bethpage		K	23823	Hicksville	059	36	1989-09-01	83.6	54.9	52.8	62.5	CC	NG				299.6	
Calpine Energy Services LP	Bethpage GT4		K	323586	Hicksville	059	36	2002-07-01	60.0	48.2	45.1	51.0	GT	NG				203.0	
Calpine Energy Services LP	KIAC_JFK_GT1		J	23816	Jamaica	081	36	1995-02-01	60.6	58.7	58.1	59.8	YES CC	NG F02				688.9	( G )

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				MW	MW			SUM	WIN	Type 1		
					YYYY-MM-DD	MW	MW	SUM	WIN										
Calpine Energy Services LP	KIAC_JFK_GT2		J	23817	Jamaica	081	36	1995-02-01	60.6	58.3	58.9	59.5	YES	CC	NG	F02			
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		258.7		
Canastota Windpower LLC	Fenner Wind Power		C	24204	Fenner	053	36	2001-12-01	30.0	0.0	0.0	0.0		WT	WND		62.4		
Carr Street Generating Station LP	Carr St.-E. Syr		C	24060	Dewitt	067	36	1993-08-01	122.6	89.0	88.2	103.3	YES	CC	NG	F02	181.5		
Castleton Power, LLC	Castleton Energy Center		F	23900	Castleton	083	36	1992-01-01	72.0	69.0	61.0	72.0	YES	CC	NG	F02	264.9		
Cayuga Operating Company, LLC	Cayuga 1		C	23584	Lansing	109	36	1955-09-01	155.3	154.1	152.0	150.2		ST	BIT		500.4	(S)	
Cayuga Operating Company, LLC	Cayuga 2		C	23585	Lansing	109	36	1958-10-01	167.2	154.7	150.2	150.4		ST	BIT		61.9	(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	F02		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	F02		0.0		
Central Hudson Gas & Elec. Corp.	Coxsackie GT		G	23611	Coxsackie	039	36	1969-12-01	21.6	19.9	18.5	23.8	YES	GT	KER	NG	0.5		
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	6.5	5.9		ST	REF		37.7		
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	19.7	23.4		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.	Walkkill		G	5007	Shawangunk	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 Falls	027	36	1988-12-01	2.0	2.0	2.0	2.0		HY	WAT		5.5		
CHI Energy Inc	Goodyear Lake		E	323669	Milford	077	36	1980-07-01	1.4	1.4	0.0	0.0		HY	WAT		4.5		
Consolidated Edison Co. of NY, Inc.	59 St. GT 1		J	24138	Manhattan	061	36	1969-06-01	17.1	15.4	14.4	20.8	YES	GT	KER	NG	0.1		
Consolidated Edison Co. of NY, Inc.	74 St. GT 1		J	24260	Manhattan	061	36	1968-10-01	18.5	19.0	19.8	21.4		GT	KER		0.3		
Consolidated Edison Co. of NY, Inc.	74 St. GT 2		J	24261	Manhattan	061	36	1968-10-01	18.5	20.1	19.7	21.9		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	266.0	301.9	YES	CC	NG	F02	2,008.6		
Consolidated Edison Co. of NY, Inc.	East River 1		J	323558	Manhattan	061	36	2005-04-01	185.0	160.5	152.3	195.8	YES	CC	NG	KER	1,035.0		
Consolidated Edison Co. of NY, Inc.	East River 2		J	323559	Manhattan	061	36	2005-04-05	185.0	162.4	149.1	193.7	YES	CC	NG	KER	1,198.2		
Consolidated Edison Co. of NY, Inc.	East River 6		J	23660	Manhattan	061	36	1951-11-01	156.2	136.3	143.1	142.8	YES	ST	NG	F06	409.9		
Consolidated Edison Co. of NY, Inc.	East River 7		J	23524	Manhattan	061	36	1955-06-01	200.0	186.7	185.6	184.1	YES	ST	NG	F06	350.5		
Consolidated Edison Co. of NY, Inc.	Hudson Ave 3		J	23810	Brooklyn	047	36	1970-07-01	16.3	16.0	14.1	17.4		GT	KER		0.2		
Consolidated Edison Co. of NY, Inc.	Hudson Ave 4		J	23540	Brooklyn	047	36	1970-07-01	16.3	13.9	13.3	17.3		GT	KER		0.2		
Consolidated Edison Co. of NY, Inc.	Hudson Ave 5		J	23657	Brooklyn	047	36	1970-07-01	16.3	15.1	14.5	18.7		GT	KER		0.2		
Consolidated Edison Energy, Inc.	Broome 2 LFG		C	323671	Binghamton	007	36	2013-01-31	2.3	2.0	2.0	2.0		IC	MTE		19.8		
Consolidated Edison Energy, Inc.	Fortistar - N.Tonawanda		A	24026	N Tonawanda	029	36	1993-06-01	68.5	59.0	61.6	66.5	YES	CC	NG	F02	84.4		
Consolidated Edison Energy, Inc.	Massena		D	23902	Massena	089	36	1992-07-01	102.1	82.2	81.1	92.3	YES	CC	NG	F02	3.9		

# 2017 Load & Capacity Data Report

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes			
					Town	Cnty	St				SUM	WIN			Type 1	Type 2	Type 3					
					YYYY-MM-DD	MW	MW															
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				93.9				
Consolidated Edison Energy, Inc.	Rensselaer		F	23796	Rensselaer	083	36	1993-12-01	96.9	79.0	77.0	82.7	YES	CC	NG	F02			30.2			
Consolidated Edison Energy, Inc.	Roseton 1		G	23587	Newburgh	071	36	1974-12-01	621.0	614.8	589.5	611.2	YES	ST	F06	NG	F02			128.5		
Consolidated Edison Energy, Inc.	Roseton 2		G	23588	Newburgh	071	36	1974-09-01	621.0	605.7	599.5	609.0	YES	ST	F06	NG	F02			172.7		
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						1.1		
Consolidated Hydro New York, Inc.	Walden Hydro		G	24148	Walden	071	36	1983-12-01	2.4		0.0	0.0	HY	WAT						2.4		
Covanta Niagara, LP	American Ref-Fuel 1		A	24010	Niagara	063	36	1993-05-01	25.0	19.6	14.3	17.0	ST	REF						194.1	( G )	
Covanta Niagara, LP	American Ref-Fuel 2		A	24010	Niagara	063	36	1993-05-01	25.0	19.6	14.3	17.0	ST	REF								
Danskammer Energy, LLC	Danskammer 1		G	23586	Newburgh	071	36	1951-12-01	72.0	69.0	70.7	68.3	YES	ST	NG	F06				2.9		
Danskammer Energy, LLC	Danskammer 2		G	23589	Newburgh	071	36	1954-09-01	73.5	64.7	65.7	66.3	YES	ST	NG	F06				2.4		
Danskammer Energy, LLC	Danskammer 3		G	23590	Newburgh	071	36	1959-10-01	147.1	139.2	138.5	136.3	ST	NG						4.5		
Danskammer Energy, LLC	Danskammer 4		G	23591	Newburgh	071	36	1967-09-01	239.4	238.2	221.7	225.0	ST	NG						10.4		
Dynergy Marketing and Trade, LLC	Independence		C	23970	Scriba	075	36	1994-11-01	1,254.0	956.4	948.6	1,159.0	CC	NG						4,734.1		
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						5.5	( 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	10.5	10.6	HY	WAT						14.8		
Eagle Creek Hydro Power, LLC	Swinging Bridge 2		G	23641	Forestburg	105	36	1930-02-01	7.0	7.9	6.8	7.0	HY	WAT						5.7		
East Coast Power, LLC	Linden Cogen		J	23786	Linden NJ	039	34	1992-05-01	800.0	790.8	761.5	800.0	YES	CC	NG	BUT				3,602.9		
EDF Energy Services, LLC	Glen Park Hydro		E	23778	Glen Park	045	36	1986-01-01	44.0	40.4	32.6	32.6	HY	WAT						126.2		
Empire Generating Co, LLC	EMPIRE_CC_1		F	323656	Rensselaer	083	36	2010-09-02	335.0	294.2	293.3	338.1	YES	CC	NG	F02				1,794.7		
Empire Generating Co, LLC	EMPIRE_CC_2		F	323658	Rensselaer	083	36	2010-09-02	335.0	298.2	293.1	337.5	YES	CC	NG	F02				1,659.1		
Entergy Nuclear Power Marketing LLC	Indian Point 2		H	23530	Buchanan	119	36	1973-08-01	1,070.0	1,026.5	1,000.4	1,028.2	NP	UR						6,049.8		
Entergy Nuclear Power Marketing LLC	Indian Point 3		H	23531	Buchanan	119	36	1976-04-01	1,080.0	1,040.4	1,041.3	1,044.9	NP	UR						9,076.3		
Entergy Nuclear Power Marketing LLC	James A. FitzPatrick		C	23598	Scriba	075	36	1975-07-01	882.0	858.9	837.5	850.5	NB	UR						5,956.0		
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						1.2		
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						2.7		
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						7.0		
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						6.1		
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						4.6		
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						4.7		
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						14.2		
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						1.4		
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						1.7		
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						2.6		
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						8.2		
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						5.4		

## 2017 Load & Capacity Data Report

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				MW				Type 1	Type 2	Type 3		
					YYYY-MM-DD	MW	MW	SUM	WIN										
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				4.9	
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				6.9	
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				9.1	
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				11.7	
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				27.5	
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				7.5	
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				24.4	
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				9.2	
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				5.6	
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				4.5	
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				4.0	
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				7.3	
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				12.4	
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				25.1	
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				6.8	
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				12.9	
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				3.5	
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				14.1	
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				23.5	
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				7.7	
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				5.2	
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				8.5	
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				2.1	
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				5.9	
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				8.5	
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				5.4	
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				4.4	
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				18.1	
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				26.9	
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				0.8	
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				4.2	
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				1.5	
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				4.4	
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				7.8	
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				10.4	
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				0.6	
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				4.1	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				MW	WIN			Type 1	Type 2	Type 3		
					YYYY-MM-DD	MW	MW	SUM	WIN										
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				8.4	
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				9.9	
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				14.4	
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				3.1	
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				36.7	
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				18.2	
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				28.7	
Erie Blvd. Hydro - Lower Hudson	School Street 4		F	24059	Cohoes	001	36	1922-01-01	7.2	6.9	7.2	7.2	HY	WAT				23.7	
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				21.6	
Erie Blvd. Hydro - Lower Hudson	Schuylerville		F	24059	Schuylerville	091	36	1919-01-01	1.2	1.5	1.2	1.2	HY	WAT				6.2	
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				60.1	
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				52.3	
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				61.1	
Erie Blvd. Hydro - Lower Raquette	East Norfolk		E	24057	East Norfolk	089	36	1928-01-01	3.6	4.0	3.0	3.5	HY	WAT				20.7	
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				27.9	
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				18.3	
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				8.1	
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				8.7	
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				9.4	
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				6.6	
Erie Blvd. Hydro - Lower Raquette	Norfolk		E	24057	Norfolk	089	36	1928-01-01	4.5	4.8	4.5	4.5	HY	WAT				17.8	
Erie Blvd. Hydro - Lower Raquette	Norwood		E	24057	Norwood	089	36	1928-01-01	2.0	2.2	2.0	2.0	HY	WAT				12.1	
Erie Blvd. Hydro - Lower Raquette	Raymondville		E	24057	Raymondville	089	36	1928-01-01	2.0	2.1	2.0	2.0	HY	WAT				9.9	
Erie Blvd. Hydro - Lower Raquette	Sugar Island 1		E	24057	Potsdam	089	36	1924-01-01	2.5	2.1	2.6	2.6	HY	WAT				9.4	
Erie Blvd. Hydro - Lower Raquette	Sugar Island 2		E	24057	Potsdam	089	36	1924-01-01	2.5	2.0	2.4	2.4	HY	WAT				14.5	
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				1.7	
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				1.0	
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				20.2	
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				6.9	
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				4.0	
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				8.1	
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				5.3	
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				3.1	
Erie Blvd. Hydro - North Salmon	Macomb		D	24042	Malone	033	36	1940-01-01	1.0	0.9	1.0	1.0	HY	WAT				5.7	
Erie Blvd. Hydro - North Salmon	Parishville		D	24042	Parishville	089	36	1925-01-01	2.4	2.3	2.4	2.4	HY	WAT				12.7	
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				9.0	
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				3.5	
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	

# 2017 Load & Capacity Data Report

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				MW				Type 1	Type 2	Type 3		
					YYYY-MM-DD	MW	MW	SUM	WIN										
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				10.7	
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				1.1	
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				2.3	
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				2.2	
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				1.0	
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				7.4	
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				2.6	
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				25.6	
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				18.0	
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				1.7	
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				2.3	
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				3.5	
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				8.8	
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				6.0	
Erie Blvd. Hydro - Oswegatchie	Heuvelton 1		E	24044	Heuvelton	089	36	1924-01-01	0.5	0.4	0.5	0.5	HY	WAT				2.5	
Erie Blvd. Hydro - Oswegatchie	Heuvelton 2		E	24044	Heuvelton	089	36	1924-01-01	0.5	0.4	0.5	0.5	HY	WAT				1.0	
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				2.5	
Erie Blvd. Hydro - Oswegatchie	Oswegatchie 1		E	24044	Oswegatchie	089	36	1937-01-01	0.6	1.3	0.6	0.6	HY	WAT				2.9	
Erie Blvd. Hydro - Oswegatchie	Oswegatchie 2		E	24044	Oswegatchie	089	36	1937-01-01	0.2	0.5	0.2	0.2	HY	WAT				3.5	
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				4.9	
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				2.9	
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				2.3	
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				1.2	
Erie Blvd. Hydro - Oswegatchie	Talcville 1		E	24044	Edwards	089	36	1986-12-01	0.5	0.4	0.5	0.5	HY	WAT				2.4	
Erie Blvd. Hydro - Oswegatchie	Talcville 2		E	24044	Edwards	089	36	1986-12-01	0.5	0.4	0.5	0.5	HY	WAT				0.3	
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				3.1	
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				0.7	
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				1.5	
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				1.4	
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				1.0	
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				17.7	
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				16.1	
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				1.6	
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				6.2	
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				5.1	
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				7.0	
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				6.8	
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				7.0	



# 2017 Load & Capacity Data Report

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				MW				Type 1	Type 2	Type 3		
					YYYY-MM-DD	MW	MW	SUM	WIN										
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				5.8	
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				7.5	
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				3.5	
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				3.1	
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				0.4	
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				0.1	
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				6.7	
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				4.2	
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				5.8	
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				5.2	
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				20.0	
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				26.9	
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				32.8	
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				13.3	
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				6.8	
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				21.3	
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				24.4	
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				6.9	
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				5.5	
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				4.9	
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				5.1	
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				0.0	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 1		F	24058	Queensbury	113	36	2009-03-01	8.0		0.0	0.0	HY	WAT				19.0	
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				21.7	
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				29.6	
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				36.3	
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				20.3	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 6		F	24058	Queensbury	113	36	2009-02-02	1.3		0.0	0.0	HY	WAT				10.1	
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				45.2	
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				128.7	
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				78.3	
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				21.6	
Erie Blvd. Hydro - Upper Raquette	Blake		E	24056	Stark	089	36	1957-01-01	14.4	15.6	14.4	14.4	HY	WAT				50.8	
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				83.9	
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				86.3	
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				70.0	
Erie Blvd. Hydro - Upper Raquette	Stark		E	24056	Stark	089	36	1957-01-01	22.5	24.6	22.5	22.5	HY	WAT				80.6	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				MW	MW			SUM	WIN	Type 1		
					YYYY-MM-DD	MW	MW	SUM	WIN										
Erie Blvd. Hydro - West Canada	Prospect		E	24049	Prospect	043	36	1959-01-01	17.3	21.7	17.3	17.3	HY	WAT				69.3	
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				47.7	
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				53.7	
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				35.8	
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				27.4	
Erie Wind, LLC	Erie Wind		A	323693	Lackawanna	029	36	2012-02-01	15.0	0.0	0.0	0.0	WT	WND				38.1	
Exelon Generation Company, LLC	Chaffee		A	323603	Chaffee	029	36	2007-08-09	6.4	6.4	6.4	6.4	IC	MTE				53.8	
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				26.9	
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				52.4	
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				6.3	
Exelon Generation Company, LLC	Mill Seat		B	323607	Riga	055	36	2007-07-20	6.4	6.4	6.4	6.4	IC	MTE				53.2	
Exelon Generation Company, LLC	Monroe Livingston		B	24207	Scottsville	055	36	1988-11-01	2.4	2.4	2.4	2.4	IC	MTE				7.3	
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				25.7	
Exelon Generation Company, LLC	Synergy Biogas		B	323694	Wyoming	121	36	2012-09-01	2.0	2.0	0.0	0.0	IC	MTE				3.2	
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				212.0	
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				554.9	
Freeport Electric	Freeport 1-2		K	1660	Freeport	059	36	1949-08-01	2.9	2.0	2.1	2.8	IC	F02				0.0	
Freeport Electric	Freeport 1-3		K	1660	Freeport	059	36	1954-08-01	3.1	2.1	2.3	3.0	IC	F02				0.0	
Freeport Electric	Freeport 1-4		K	1660	Freeport	059	36	1964-10-01	5.1	4.4	3.8	4.8	IC	F02				0.1	
Freeport Electric	Freeport 2-3		K	1660	Freeport	059	36	1973-05-01	18.1	18.1	13.3	17.2	GT	KER				0.2	
Freeport Electric	Freeport CT 2		K	23818	Freeport	059	36	2004-03-01	60.5	50.3	48.0	50.4	GT	NG	KER			45.8	
GDF Suez Energy Marketing NA, Inc.	Nassau Energy Corporation		K	323695	Garden City	059	36	1991-03-01	55.0	51.6	48.2	57.5	YES	CC	NG	F02		365.2	
GenOn Energy Management, LLC	Bowline 1		G	23526	West Haverstraw	087	36	1972-09-01	621.0	577.7	564.7	574.6	YES	ST	NG	F06		837.9	
GenOn Energy Management, LLC	Bowline 2		G	23595	West Haverstraw	087	36	1974-05-01	621.0	567.4	561.1	560.0	YES	ST	NG	F06		548.2	
Hardscrabble Wind Power LLC	Hardscrabble Wind		E	323673	Fairfield	043	36	2011-02-01	74.0	74.0	74.0	74.0	WT	WND				182.0	
Howard Wind LLC	Howard Wind		C	323690	Howard	101	36	2011-12-01	55.4	57.4	55.4	55.4	WT	WND				133.8	
Indeck Energy Services of Silver Springs	Indeck-Silver Springs		C	23768	Silver Springs	121	36	1991-04-01	56.6	51.5	50.7	62.4	YES	CC	NG	F02		81.0	
Indeck-Corinth LP	Indeck-Corinth		F	23802	Corinth	091	36	1995-07-01	147.0	131.2	129.7	133.7	YES	CC	NG	F02		680.4	
Indeck-Olean LP	Indeck-Olean		A	23982	Olean	009	36	1993-12-01	90.6	79.4	78.7	88.7	YES	CC	NG	F02		119.9	
Indeck-Oswego LP	Indeck-Oswego		C	23783	Oswego	075	36	1990-05-01	57.4	51.6	49.5	59.0	YES	CC	NG	F02		52.8	
Indeck-Yerkes LP	Indeck-Yerkes		A	23781	Tonawanda	029	36	1990-02-01	59.9	49.7	48.0	57.4	YES	CC	NG	F02		103.5	
Innovative Energy Systems, Inc.	Auburn LFG		C	323710	Auburn	011	36	2010-01-01	2.1	0.0	0.0	0.0	IC	MTE				3.6	(1)
Innovative Energy Systems, Inc.	Chautauqua LFGE		A	323629	Jamestown	013	36	2010-02-12	9.6		0.0	0.0	IC	MTE				44.0	
Innovative Energy Systems, Inc.	Clinton LFGE		D	323618	Morrisville	019	36	2008-10-01	6.4	6.4	6.4	6.4	IC	MTE				33.9	
Innovative Energy Systems, Inc.	Colonie LFGE		F	323577	Colonie	001	36	2006-03-01	6.4	6.4	6.4	6.4	IC	MTE				34.9	
Innovative Energy Systems, Inc.	DANC LFGE		E	323619	Watertown	045	36	2008-09-08	6.4	6.4	6.4	6.4	IC	MTE				30.0	
Innovative Energy Systems, Inc.	Fulton LFGE		F	323630	Johnstown	035	36	2010-06-04	3.2	0.0	0.0	0.0	IC	MTE				11.9	
Innovative Energy Systems, Inc.	Hyland LFGE		B	323620	Angelica	003	36	2008-09-08	4.8	4.8	4.8	4.8	IC	MTE				38.0	

# 2017 Load & Capacity Data Report

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				MM	DD			MW	MW	SUM		
					YYYY-MM-DD	MW	MW	SUM	WIN										
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				15.7	
Jamestown Board of Public Utilities	Jamestown 5		A	1658	Jamestown	013	36	1951-08-01	28.7	23.0	12.1	18.3	ST	BIT	NG			24.6	
Jamestown Board of Public Utilities	Jamestown 6		A	1658	Jamestown	013	36	1968-08-01	25.0	22.4	10.6	15.9	ST	BIT	NG			22.6	
Jamestown Board of Public Utilities	Jamestown 7		A	1659	Jamestown	013	36	2002-01-01	47.3	40.0	38.7	46.2	GT	NG				164.6	
Jericho Rise Wind Farm LLC	Jericho Rise Wind Farm		D	323719	Chateaugay	033	36	2016-12-01	77.7	77.7	77.7	77.7	WT	WND				15.3	( 2 ) ( N )
Long Island Power Authority	Babylon (RR)		K	323704	Babylon	103	36	1989-04-01	17.0	15.5	14.5	14.7	ST	REF				116.4	
Long Island Power Authority	Barrett 03		K	23706	Island Park	059	36	1970-06-01	18.0	17.9	16.3	18.9	YES	GT	NG	F02		4.1	
Long Island Power Authority	Barrett 04		K	23707	Island Park	059	36	1970-07-01	18.0	17.7	16.8	20.9	YES	GT	NG	F02		9.4	
Long Island Power Authority	Barrett 05		K	23708	Island Park	059	36	1970-07-01	18.0	17.8	16.9	19.2	YES	GT	NG	F02		3.8	
Long Island Power Authority	Barrett 06		K	23709	Island Park	059	36	1970-07-01	18.0	17.8	17.5	20.7	YES	GT	NG	F02		7.6	
Long Island Power Authority	Barrett 08		K	23711	Island Park	059	36	1970-07-01	18.0	17.3	16.3	19.0	YES	GT	NG	F02		3.8	
Long Island Power Authority	Barrett 09		K	23700	Island Park	059	36	1971-06-01	41.8	43.4	41.4	49.9	YES	JE	NG	F02		23.5	
Long Island Power Authority	Barrett 10		K	23701	Island Park	059	36	1971-06-01	41.8	42.7	40.1	50.9	YES	JE	NG	F02		20.7	
Long Island Power Authority	Barrett 11		K	23702	Island Park	059	36	1971-06-01	41.8	43.3	41.3	49.5	YES	JE	NG	F02		27.0	
Long Island Power Authority	Barrett 12		K	23703	Island Park	059	36	1971-06-01	41.8	44.0	41.2	52.2	YES	JE	NG	F02		29.6	
Long Island Power Authority	Barrett GT 01		K	23704	Island Park	059	36	1970-06-01	18.0	18.1	16.6	21.0	YES	GT	NG	F02		7.2	
Long Island Power Authority	Barrett GT 02		K	23705	Island Park	059	36	1970-06-01	18.0	17.4	16.8	20.6	YES	GT	NG	F02		6.6	
Long Island Power Authority	Barrett ST 01		K	23545	Island Park	059	36	1956-11-01	188.0	200.2	194.0	197.5	YES	ST	NG	F06		864.4	
Long Island Power Authority	Barrett ST 02		K	23546	Island Park	059	36	1963-10-01	188.0	197.5	194.2	193.2	YES	ST	NG	F06		607.6	
Long Island Power Authority	Bethpage 3		K	323564	Hicksville	059	36	2005-05-01	96.0	79.9	77.8	77.1	CC	NG				284.5	
Long Island Power Authority	Caithness_CC_1		K	323624	Brookhaven	103	36	2009-08-01	375.0	315.6	309.6	362.7	YES	CC	NG	F02		2,531.8	
Long Island Power Authority	East Hampton 2		K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	2.0	IC	F02				0.6	
Long Island Power Authority	East Hampton 3		K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	2.0	IC	F02				0.7	
Long Island Power Authority	East Hampton 4		K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	2.0	IC	F02				0.7	
Long Island Power Authority	East Hampton GT 01		K	23717	E Hampton	103	36	1970-12-01	21.3	19.2	19.3	24.7	JE	F02				10.4	
Long Island Power Authority	Far Rockaway GT1		K	24212	Far Rockaway	081	36	2002-07-01	60.5	53.5	53.9	58.9	JE	NG				211.9	
Long Island Power Authority	Far Rockaway GT2		K	23815	Jamaica Bay	081	36	2003-07-02	60.5	55.4	54.1	53.9	JE	KER				10.0	
Long Island Power Authority	Freeport CT 1		K	23764	Freeport	059	36	2004-06-01	60.0	48.3	47.5	49.0	YES	GT	NG	F02		117.2	
Long Island Power Authority	Glenwood GT 01		K	23712	Glenwood	059	36	1967-04-01	16.0	14.6	10.2	15.8	GT	F02				0.0	
Long Island Power Authority	Glenwood GT 02		K	23688	Glenwood	059	36	1972-06-01	55.0	52.7	51.2	62.4	GT	F02				1.8	
Long Island Power Authority	Glenwood GT 03		K	23689	Glenwood	059	36	1972-06-01	55.0	52.7	55.1	61.0	GT	F02				1.3	
Long Island Power Authority	Glenwood GT 04		K	24219	Glenwood	059	36	2002-06-01	53.0	40.3	40.4	46.0	YES	GT	NG	F02		95.6	
Long Island Power Authority	Glenwood GT 05		K	24220	Glenwood	059	36	2002-06-01	53.0	40.0	40.3	45.5	YES	GT	NG	F02		94.3	
Long Island Power Authority	Greenport GT1		K	23814	Greenport	103	36	2003-07-02	54.0	51.9	52.8	55.5	JE	F02				12.6	
Long Island Power Authority	Hempstead (RR)		K	23647	Hempstead	059	36	1989-10-01	78.6	73.7	73.9	73.4	ST	REF				573.0	
Long Island Power Authority	Holtsville 01		K	23690	Holtsville	103	36	1974-07-01	56.7	55.1	57.6	65.1	JE	F02				2.4	
Long Island Power Authority	Holtsville 02		K	23691	Holtsville	103	36	1974-07-01	56.7	55.3	54.8	64.3	JE	F02				1.7	
Long Island Power Authority	Holtsville 03		K	23692	Holtsville	103	36	1974-07-01	56.7	52.1	53.0	62.3	JE	F02				3.5	

# 2017 Load & Capacity Data Report

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date YYYY-MM-DD	Name Plate Rating (V) MW	CRIS Sum Cap (A) MW	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				SUM	WIN			Type 1	Type 2	Type 3		
Long Island Power Authority	Holtsville 04		K	23693	Holtsville	103	36	1974-07-01	56.7	52.7	51.9	62.5	JE	F02				3.9	
Long Island Power Authority	Holtsville 05		K	23694	Holtsville	103	36	1974-07-01	56.7	53.3	54.8	67.0	JE	F02				1.9	
Long Island Power Authority	Holtsville 06		K	23695	Holtsville	103	36	1975-07-01	56.7	53.0	49.5	67.3	JE	F02				6.7	
Long Island Power Authority	Holtsville 07		K	23696	Holtsville	103	36	1975-07-01	56.7	55.1	52.2	65.4	JE	F02				3.0	
Long Island Power Authority	Holtsville 08		K	23697	Holtsville	103	36	1975-07-01	56.7	57.4	56.1	68.7	JE	F02				4.1	
Long Island Power Authority	Holtsville 09		K	23698	Holtsville	103	36	1975-07-01	56.7	57.5	56.3	68.4	JE	F02				2.8	
Long Island Power Authority	Holtsville 10		K	23699	Holtsville	103	36	1975-07-01	56.7	55.1	54.1	66.1	JE	F02				6.2	
Long Island Power Authority	Huntington (RR)		K	323705	Huntington	103	36	1991-12-01	28.0	24.7	24.1	24.3	ST	REF				194.6	
Long Island Power Authority	Islip (RR)		K	323679	Ronkonkoma	103	36	1990-03-01	12.5	11.2	8.8	9.3	ST	REF				57.4	
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				53.7	
Long Island Power Authority	Northport 1		K	23551	Northport	103	36	1967-07-01	387.0	395.0	397.7	398.5	YES	ST	NG	F06		420.2	
Long Island Power Authority	Northport 2		K	23552	Northport	103	36	1968-06-01	387.0	396.0	399.7	399.2	YES	ST	NG	F06		693.6	
Long Island Power Authority	Northport 3		K	23553	Northport	103	36	1972-07-01	387.0	395.2	390.2	390.2	YES	ST	NG	F06		531.9	
Long Island Power Authority	Northport 4		K	23650	Northport	103	36	1977-12-01	387.0	399.2	384.7	385.7	YES	ST	NG	F06		856.6	
Long Island Power Authority	Northport GT		K	23718	Northport	103	36	1967-03-01	16.0	13.8	12.3	15.6	GT	F02				0.1	
Long Island Power Authority	Oceanside (LF)		K	5008	Oceanside	059	36	1991-02-01	2.1	1.1	0.0	0.0	IC	MTE				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	45.2	46.3	GT	NG				53.2	
Long Island Power Authority	Pilgrim GT2		K	24217	Brentwood	103	36	2002-08-01	50.0	46.2	44.8	46.6	GT	NG				52.2	
Long Island Power Authority	Pinelawn Power 1		K	323563	Babylon	103	36	2005-06-01	82.0	78.0	75.9	76.9	YES	CC	NG	KER		155.6	
Long Island Power Authority	Port Jefferson 3		K	23555	Port Jefferson	103	36	1958-11-01	188.0	194.5	188.7	197.0	YES	ST	F06	NG		208.6	
Long Island Power Authority	Port Jefferson 4		K	23616	Port Jefferson	103	36	1960-11-01	188.0	198.7	198.7	199.5	YES	ST	F06	NG		148.8	
Long Island Power Authority	Port Jefferson GT 01		K	23713	Port Jefferson	103	36	1966-12-01	16.0	14.1	12.4	15.2	GT	F02				0.2	
Long Island Power Authority	Port Jefferson GT 02		K	24210	Port Jefferson	103	36	2002-07-01	53.0	42.0	41.0	46.5	YES	GT	NG	F02		41.2	
Long Island Power Authority	Port Jefferson GT 03		K	24211	Port Jefferson	103	36	2002-07-01	53.0	41.1	41.0	46.2	YES	GT	NG	F02		38.9	
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	F02				1.6	
Long Island Power Authority	Shoreham 1		K	23715	Shoreham	103	36	1971-07-01	52.9	48.9	50.0	65.0	GT	F02				3.8	
Long Island Power Authority	Shoreham 2		K	23716	Shoreham	103	36	1984-04-01	18.6	18.5	14.8	21.1	JE	F02				1.4	
Long Island Power Authority	Shoreham GT3		K	24213	Shoreham	103	36	2002-08-01	50.0	45.4	45.4	45.4	GT	F02				3.2	
Long Island Power Authority	Shoreham GT4		K	24214	Shoreham	103	36	2002-08-01	50.0	43.9	44.6	45.7	GT	F02				3.0	
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	10.1	13.5	GT	F02				0.7	
Long Island Power Authority	Stony Brook		K	24151	Stony Brook	103	36	1995-04-01	47.0	9.6	16.7	19.7	YES	GT	NG	F02		285.1	
Long Island Power Authority	Wading River 1		K	23522	Shoreham	103	36	1989-08-01	79.5	81.2	79.3	102.8	GT	F02				5.0	
Long Island Power Authority	Wading River 2		K	23547	Shoreham	103	36	1989-08-01	79.5	81.3	80.1	104.0	GT	F02				9.9	
Long Island Power Authority	Wading River 3		K	23601	Shoreham	103	36	1989-08-01	79.5	81.3	79.2	101.1	GT	F02				8.0	
Long Island Power Authority	West Babylon 4		K	23714	West Babylon	103	36	1971-08-01	52.4	49.0	50.1	65.9	GT	F02				4.2	

## 2017 Load & Capacity Data Report

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				MW	WIN			Type 1	Type 2	Type 3		
					YYYY-MM-DD	MW	MW	SUM	WIN										
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	20.1	20.2	ST	WD				129.9	
Madison Windpower, LLC	Madison Wind Power		E	24146	Madison	053	36	2000-09-01	11.6	11.5	11.6	11.6	WT	WND				20.0	
Marble River LLC	Marble River Wind		D	323696	Ellenburg	019	36	2012-07-01	215.5	215.2	215.5	215.5	WT	WND				523.6	
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				55.0	
Model City Energy LLC	Model City Energy		A	24167	Lewiston	063	36	2001-06-01	5.6	5.6	5.6	5.6	IC	MTE				38.2	
Modern Innovative Energy, LLC	Modern LF		A	323580	Lewiston	063	36	2006-02-01	6.4	6.4	6.4	6.4	IC	MTE				14.4	
New York Power Authority	Ashokan 1		G	23654	Ashokan	111	36	1982-11-01	2.3	1.8	2.3	2.3	HY	WAT				6.4	
New York Power Authority	Ashokan 2		G	23654	Ashokan	111	36	1982-11-01	2.3	1.8	2.3	2.3	HY	WAT				4.2	
New York Power Authority	Astoria CC 1		J	323568	Queens	081	36	2006-01-01	288.0	246.2	233.5	260.0	YES	CC	NG	F02	KER	2,722.3	( G )
New York Power Authority	Astoria CC 2		J	323569	Queens	081	36	2006-01-01	288.0	246.2	233.5	260.0	YES	CC	NG	F02	KER		
New York Power Authority	Blenheim - Gilboa 1		F	23756	Gilboa NY	095	36	1973-07-01	290.0	290.7	291.6	292.4	PS	WAT				70.7	
New York Power Authority	Blenheim - Gilboa 2		F	23757	Gilboa NY	095	36	1973-07-01	290.0	291.2	291.8	292.4	PS	WAT				165.1	
New York Power Authority	Blenheim - Gilboa 3		F	23758	Gilboa NY	095	36	1973-07-01	290.0	291.7	291.9	293.5	PS	WAT				107.8	
New York Power Authority	Blenheim - Gilboa 4		F	23759	Gilboa NY	095	36	1973-07-01	290.0	291.5	291.5	292.2	PS	WAT				27.7	
New York Power Authority	Brentwood		K	24164	Brentwood	103	36	2001-08-01	47.0	47.1	45.5	46.1	GT	NG				53.3	
New York Power Authority	Crescent 1		F	24018	Crescent	001	36	1991-07-01	2.8	3.2	2.8	2.8	HY	WAT				12.2	
New York Power Authority	Crescent 2		F	24018	Crescent	001	36	1991-07-01	2.8	3.2	2.8	2.8	HY	WAT				12.2	
New York Power Authority	Crescent 3		F	24018	Crescent	001	36	1991-07-01	3.0	3.2	3.0	3.0	HY	WAT				4.2	
New York Power Authority	Crescent 4		F	24018	Crescent	001	36	1991-07-01	3.0	3.2	3.0	3.0	HY	WAT				12.3	
New York Power Authority	Flynn		K	23794	Holtsville	103	36	1994-05-01	170.0	135.5	136.9	162.7	YES	CC	NG	F02		1,167.2	
New York Power Authority	Gowanus 5		J	24156	Brooklyn	047	36	2001-08-01	47.0	45.4	40.0	40.0	GT	NG				60.9	
New York Power Authority	Gowanus 6		J	24157	Brooklyn	047	36	2001-08-01	47.0	46.1	39.9	39.9	GT	NG				55.4	
New York Power Authority	Grahamsville		G	23607	Grahamsville	105	36	1956-12-01	18.0	16.3	18.0	18.0	HY	WAT				68.9	
New York Power Authority	Greenport IC 4		K	1652	Greenport	103	36	1957-06-06	1.2	1.7	0.9	1.1	IC	F02				0.0	
New York Power Authority	Greenport IC 5		K	1652	Greenport	103	36	1965-07-08	1.8	1.7	1.4	1.6	IC	F02				0.0	
New York Power Authority	Greenport IC 6		K	1652	Greenport	103	36	1971-09-17	3.8	2.7	3.0	2.6	IC	F02				0.0	
New York Power Authority	Harlem River 1		J	24160	Bronx	005	36	2001-08-01	47.0	46.0	39.9	39.9	GT	NG				22.8	
New York Power Authority	Harlem River 2		J	24161	Bronx	005	36	2001-08-01	47.0	45.2	40.0	40.0	GT	NG				23.4	
New York Power Authority	Hellgate 1		J	24158	Bronx	005	36	2001-08-01	47.0	45.0	39.9	39.9	GT	NG				21.7	
New York Power Authority	Hellgate 2		J	24159	Bronx	005	36	2001-08-01	47.0	45.0	40.0	40.0	GT	NG				20.2	
New York Power Authority	Jarvis 1		E	23743	Hinckley	065	36	1991-07-01	4.5	4.5	4.5	4.5	HY	WAT				16.7	
New York Power Authority	Jarvis 2		E	23743	Hinckley	065	36	1991-07-01	4.5	4.5	4.5	4.5	HY	WAT				11.9	
New York Power Authority	Kent		J	24152	Brooklyn	047	36	2001-08-01	47.0	46.9	46.0	45.0	GT	NG				47.0	
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				464.3	
New York Power Authority	Moses Niagara (Fleet)		A	23760	Niagara Falls	063	36	1961-01-01	2,860.0	2,460.0	2,435.0	2,447.3	HY	WAT				14,631.8	
New York Power Authority	Neversink		G	23608	Grahamsville	105	36	1953-12-01	25.0	22.0	25.0	25.0	HY	WAT				23.0	
New York Power Authority	Pouch		J	24155	Staten Island	085	36	2001-08-01	47.0	47.1	46.0	46.0	GT	NG				66.5	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date YYYY-MM-DD	Name Plate Rating (V) MW	CRIS Sum Cap (A) MW	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes		
					Town	Cnty	St				SUM	WIN			Type 1	Type 2	Type 3				
New York Power Authority	St Lawrence - FDR (Fleet)		D	23600	Massena	089	36	1958-07-01	1,088.0	856.0	856.0	823.6	HY	WAT				7,113.4			
New York Power Authority	Vernon Blvd 2		J	24162	Queens	081	36	2001-08-01	47.0	46.2	40.0	40.0	GT	NG					28.0		
New York Power Authority	Vernon Blvd 3		J	24163	Queens	081	36	2001-08-01	47.0	43.8	39.9	39.9	GT	NG						23.7	
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						0.8	
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						15.0	
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						12.8	
New York Power Authority	Vischer Ferry 4		F	24020	Vischer Ferry	091	36	1991-07-01	3.0	3.2	3.0	2.9	HY	WAT						0.6	
New York State Elec. & Gas Corp.	AA Dairy		C	5013	Ithaca	109	36	1998-06-01	0.1		0.0	0.0	IC	MTE						0.0	
New York State Elec. & Gas Corp.	Alice Falls 1		D	23915	Ausable	019	36	1991-11-01	1.5	1.6	0.0	0.0	HY	WAT						0.0	
New York State Elec. & Gas Corp.	Alice Falls 2		D	23915	Ausable	019	36	1991-11-01	0.6	0.6	0.0	0.0	HY	WAT						0.0	
New York State Elec. & Gas Corp.	Allegheny 8		C	23528	Kittanning PA	005	42	1990-10-01	16.0	14.7	16.0	16.0	HY	WAT						93.9	
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						112.0	
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	5.5	7.2	GT	NG						0.2	
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						11.4	
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						0.0	
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						4.3	
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						19.6	
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						19.4	
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						25.1	
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						21.8	
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						11.0	
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						28.6	
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						43.4	
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						3.1	
New York State Elec. & Gas Corp.	Mill C 1		D	23628	Plattsburgh	019	36	1944-08-01	1.0	0.9	1.0	1.0	HY	WAT						4.3	
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						3.6	
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						16.9	
New York State Elec. & Gas Corp.	Montville Falls		C	5019	Moravia	011	36	1992-08-01	0.2		0.0	0.0	HY	WAT						0.0	
New York State Elec. & Gas Corp.	Rainbow Falls 1		D	23628	Ausable	019	36	1926-08-01	1.3	1.5	1.3	1.3	HY	WAT						0.0	

## 2017 Load & Capacity Data Report

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				MW				Type 1	Type 2	Type 3		
					YYYY-MM-DD	MW	MW	SUM	WIN										
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					
New York State Elec. & Gas Corp.	Waterloo 2		C	5020	Waterloo	099	36	1998-06-01	0.5		0.0	0.0	HY	WAT					
New York State Elec. & Gas Corp.	Waterloo 3		C	5021	Waterloo	099	36	1998-06-01	0.5		0.0	0.0	HY	WAT					
New York State Elec. & Gas Corp.	Waterloo 4		C	5022	Waterloo	099	36	1998-06-01	0.5		0.0	0.0	HY	WAT					
Niagara Generation, LLC	Niagara Bio-Gen (IIFO - 1/1/2016)		A	23895	Niagara Falls	063	36	1991-08-01	56.0	50.5	0.0	0.0	ST	WD					(1)
Niagara Mohawk Power Corp.	Adams Hydro		E	23633	Adams	045	36	1987-11-01	0.2		0.0	0.0	HY	WAT					
Niagara Mohawk Power Corp.	Algon-Herkimer		E	23633	Herkimer	043	36	1987-12-01	1.6		0.0	0.0	HY	WAT					
Niagara Mohawk Power Corp.	Algon-Otter Creek		E	23633	Greig	049	36	1986-11-01	0.5		0.0	0.0	HY	WAT					0.9
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		D	24055	St. Regis Falls	033	36	1993-08-01	0.6		0.0	0.0	HY	WAT					2.4
Niagara Mohawk Power Corp.	Beaver Falls #1		E	23633	Beaver Falls	049	36	1986-01-01	1.5		0.0	0.0	HY	WAT					8.6
Niagara Mohawk Power Corp.	Beaver Falls #2		E	23633	Beaver Falls	049	36	1986-01-01	1.0		0.0	0.0	HY	WAT					4.9
Niagara Mohawk Power Corp.	Bellows Towers		D	24055	Malone	033	36	1987-06-01	0.2		0.0	0.0	HY	WAT					0.0
Niagara Mohawk Power Corp.	Black River Hyd#1 - Rock Isl.		E	23633	Port Leyden	049	36	1984-07-01	1.9		0.0	0.0	HY	WAT					4.1
Niagara Mohawk Power Corp.	Black River Hyd#2 - Denley		E	23633	Port Leyden	049	36	1985-12-01	1.6		0.0	0.0	HY	WAT					2.2
Niagara Mohawk Power Corp.	Black River Hyd#3 - Pt. Leyden		E	23633	Port Leyden	049	36	1984-07-01	2.2		0.0	0.0	HY	WAT					13.9
Niagara Mohawk Power Corp.	Boralex - Hudson Falls		F	24011	Hudson Falls	115	36	1995-10-01	44.0	43.7	0.0	0.0	HY	WAT					168.4
Niagara Mohawk Power Corp.	Boralex - Middle Falls		F	23643	Easton	115	36	1989-12-01	2.2		0.0	0.0	HY	WAT					12.3
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					59.5
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					0.7
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					1.6
Niagara Mohawk Power Corp.	C.H.I. (Dexter) Hydro		E	23633	Dexter	045	36	1988-01-01	4.2		0.0	0.0	HY	WAT					20.3
Niagara Mohawk Power Corp.	C.H.I. (Diamond Is)		E	23633	Watertown	045	36	1986-01-01	1.2		0.0	0.0	HY	WAT					5.3
Niagara Mohawk Power Corp.	C.H.I. (Fowler)		E	23633	Fowler	049	36	1986-01-01	0.6		0.0	0.0	HY	WAT					3.5
Niagara Mohawk Power Corp.	C.H.I. (Hallsboro #3)		E	23633	Hallsboro	089	36	1986-01-01	0.8		0.0	0.0	HY	WAT					3.6
Niagara Mohawk Power Corp.	C.H.I. (Hallsboro #4)		E	23633	Hallsboro	089	36	1986-01-01	1.4		0.0	0.0	HY	WAT					9.9
Niagara Mohawk Power Corp.	C.H.I. (Hallsboro #6)		E	23633	Hallsboro	089	36	1986-01-01	0.8		0.0	0.0	HY	WAT					4.1
Niagara Mohawk Power Corp.	C.H.I. (Theresa)		E	23633	Theresa	089	36	1986-01-01	1.3		0.0	0.0	HY	WAT					6.1
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					1.4
Niagara Mohawk Power Corp.	CHI-LaChute		F	1654	Ticonderoga	031	36	1987-12-01	9.0	8.9	0.0	0.0	HY	WAT					21.4
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					2.4
Niagara Mohawk Power Corp.	City of Oswego (High Dam)		C	23634	Oswego	075	36	1994-02-01	11.9		0.0	0.0	HY	WAT					34.4
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					0.5

# 2017 Load & Capacity Data Report

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes	
					Town	Cnty	St				MW				Type 1	Type 2	Type 3			
					YYYY-MM-DD	MW	MW	SUM	WIN											
Niagara Mohawk Power Corp.	City of Watertown		E	23633	Watertown	045	36	1986-01-01	8.1		0.0	0.0	HY	WAT						
Niagara Mohawk Power Corp.	City of Watervliet Hydro		F	23643	Guilderland	001	36	1986-01-01	1.5		0.0	0.0	HY	WAT						1.7
Niagara Mohawk Power Corp.	Cons. HY-Victory		F	23643	Victory Falls	091	36	1986-12-01	1.7		0.0	0.0	HY	WAT						4.6
Niagara Mohawk Power Corp.	Copenhagen Assoc.		E	23633	Copenhagen	049	36	1986-01-01	3.3		0.0	0.0	HY	WAT						8.1
Niagara Mohawk Power Corp.	Cottrell Paper		F	23643	Rock City Falls	091	36	1987-01-01	0.3		0.0	0.0	HY	WAT						0.1
Niagara Mohawk Power Corp.	Cranberry Lake		E	23633	Cranberry Lake	049	36	1987-12-01	0.5		0.0	0.0	HY	WAT						1.3
Niagara Mohawk Power Corp.	Edison Hydro Electric		F	23643	Stottville	021	36	2009-11-01	0.3		0.0	0.0	HY	WAT						1.6
Niagara Mohawk Power Corp.	Empire Hydro Partners		E	23633	Port Leyden	049	36	1984-11-01	1.0		0.0	0.0	HY	WAT						4.0
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						1.1
Niagara Mohawk Power Corp.	Finch Prun		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						9.5
Niagara Mohawk Power Corp.	Fort Miller Assoc (Hudson River)		F	23643	Schuylerville	091	36	1985-10-01	5.0		0.0	0.0	HY	WAT						19.3
Niagara Mohawk Power Corp.	Fortis - Dolgeville		E	23807	Dolgeville	043	36	1985-07-01	5.0	6.3	0.0	0.0	HY	WAT						2.4
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						6.1
Niagara Mohawk Power Corp.	Fortis Energy - Diana		E	23633	Diana	049	36	1985-07-01	1.8		0.0	0.0	HY	WAT						4.3
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						50.5
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.	General Mills Inc		A	23808	Buffalo	029	36	1988-12-01	3.8	3.8	0.0	0.0	GT	NG						7.6
Niagara Mohawk Power Corp.	Gloversville Johnstown WWT		F	23643	Gloversville	035	36	2010-01-01	0.7		0.0	0.0	IC	MTE						1.4
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						35.4
Niagara Mohawk Power Corp.	Hewittville Hydro		E	23633	Potsdam	089	36	1984-07-01	3.0		0.0	0.0	HY	WAT						13.9
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						2.5
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.	International Paper - Curtis		F	1655	Corinth	091	36	1986-01-01	9.8	30.8	0.0	0.0	HY	WAT						263.8
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						( G )
Niagara Mohawk Power Corp.	Kayuta Lake		E	23633	Kayuta	065	36	1988-05-01	0.4		0.0	0.0	HY	WAT						1.9
Niagara Mohawk Power Corp.	Kings Falls		E	23633	Copenhagen	049	36	1988-05-01	1.6		0.0	0.0	HY	WAT						0.1
Niagara Mohawk Power Corp.	Laidlaw Energy		A	23774	Ellicottville	009	36	1991-07-01	3.4		0.0	0.0	GT	NG						0.0
Niagara Mohawk Power Corp.	Laidlaw Energy		A	23774	Ellicottville	009	36	1991-07-01	2.4		0.0	0.0	ST	NG						0.0
Niagara Mohawk Power Corp.	Little Falls Hydro		E	24013	Little Falls	043	36	1987-01-01	13.0	12.6	0.0	0.0	HY	WAT						50.0
Niagara Mohawk Power Corp.	Long Falls Hydro		E	23633	Carthage	045	36	1991-06-01	3.3		0.0	0.0	HY	WAT						8.3
Niagara Mohawk Power Corp.	Lyonsdale Assoc. (Burrows)		E	23633	Lyonsdale	049	36	1984-07-01	3.0		0.0	0.0	HY	WAT						10.9
Niagara Mohawk Power Corp.	Mechanicville		F	23643	Halfmoon	091	36	2005-03-01	3.8		0.0	0.0	HY	WAT						19.4



# 2017 Load & Capacity Data Report

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date YYYY-MM-DD	Name Plate Rating (V) MW	CRIS Sum Cap (A) MW	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				MW				Type 1	Type 2	Type 3		
											SUM	WIN							
Niagara Mohawk Power Corp.	Mount Ida Hydro c/o Ampersand		F	23643	Troy	083	36	1986-01-01	3.0		0.0	0.0	HY	WAT				7.2	
Niagara Mohawk Power Corp.	Mountaineer Massage Spa		F	23643	Wevertown	113	36	2009-11-01			0.0	0.0	HY	WAT				0.0	
Niagara Mohawk Power Corp.	Newport Hydro Assoc.		E	23633	Newport	043	36	1987-12-01	1.7		0.0	0.0	HY	WAT				7.1	
Niagara Mohawk Power Corp.	Northbrook Carthage		E	23633	Carthage	045	36	1986-01-01	4.4		0.0	0.0	HY	WAT				20.9	
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				1.2	
Niagara Mohawk Power Corp.	Ogdensburg Hydro		E	23633	Ogdensburg	089	36	1987-12-01	3.5		0.0	0.0	HY	WAT				9.8	
Niagara Mohawk Power Corp.	Onondaga County		C	23987	North Syracuse	067	36	1994-12-01	39.5	32.6	0.0	0.0	ST	REF				198.2	
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				5.2	
Niagara Mohawk Power Corp.	Oswego Hydro Partners LP		C	23634	Phoenix	075	36	1990-12-01	3.4		0.0	0.0	HY	WAT				8.8	
Niagara Mohawk Power Corp.	Pyrites Assoc.		E	24023	Canton	089	36	1985-12-01	8.2	7.5	0.0	0.0	HY	WAT				24.6	
Niagara Mohawk Power Corp.	ReEnergy LLC		E	23633	Watertown	045	36	2013-05-30	15.5		0.0	0.0	ST	WD	FO2			162.6	
Niagara Mohawk Power Corp.	Riverrat Glass & Electric		F	23643	Wadhams	031	36	1986-01-01	0.6		0.0	0.0	HY	WAT				2.0	
Niagara Mohawk Power Corp.	Sandy Hollow Hydro Assoc.		E	23633	Sandy Hollow	045	36	1986-09-01	0.6		0.0	0.0	HY	WAT				0.8	
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				0.3	
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				23.7	
Niagara Mohawk Power Corp.	Stillwater Assoc.		E	23633	Webb	043	36	1987-01-01	1.8		0.0	0.0	HY	WAT				5.4	
Niagara Mohawk Power Corp.	Stillwater Hydro Partners LP		F	23643	Stillwater	091	36	1993-04-01	3.4		0.0	0.0	HY	WAT				13.3	
Niagara Mohawk Power Corp.	Stuyvesant Falls Hydro		F	23643	Stuyvesant	021	36	2013-02-01	7.0		0.0	0.0	HY	WAT				9.6	
Niagara Mohawk Power Corp.	Sustainable Bioelectric LLC		A	23774	Wheatfield	063	36	2014-03-01	0.6		0.0	0.0	IC	MTE				0.9	
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				8.2	
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				6.9	
Niagara Mohawk Power Corp.	Town of Wells (Lake Algonquin)		F	23643	Wells	041	36	1987-12-01	0.5		0.0	0.0	HY	WAT				1.5	
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				12.1	
Niagara Mohawk Power Corp.	United States Gypsum		B	23774	Batavia	037	36	2009-11-01	5.8		0.0	0.0	CG	NG				1.2	
Niagara Mohawk Power Corp.	Valatie Falls		F	23643	Valatie	021	36	1992-12-01	0.1		0.0	0.0	HY	WAT				0.6	
Niagara Mohawk Power Corp.	Valley Falls Assoc.		F	23643	Valley Falls	083	36	1985-08-01	2.5		0.0	0.0	HY	WAT				7.4	
Niagara Mohawk Power Corp.	Village of Gouverneur		E	23633	Gouverneur	089	36	1986-01-01	0.1		0.0	0.0	HY	WAT				0.0	
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				0.0	
Niagara Mohawk Power Corp.	Village of Saranac Lake		D	24055	Saranac Lake	033	36	1996-12-01	0.2		0.0	0.0	HY	WAT				0.0	
Niagara Mohawk Power Corp.	Wave Hydro LLC		C	23634	Baldwinsville	067	36	2010-02-07	0.8		0.0	0.0	HY	WAT				0.4	
Niagara Wind Power, LLC	Steel Wind		A	323596	Lackawanna	029	36	2007-01-23	20.0		0.0	0.0	WT	WND				55.7	

# 2017 Load & Capacity Data Report

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				MM	DD			MW	MW	SUM		
					YYYY-MM-DD	MW	MW	SUM	WIN										
Nine Mile Point Nuclear Station, LLC	Nine Mile Point 1		C	23575	Scriba	075	36	1969-11-01	641.8	630.5	625.4	634.6	NB	UR				5,377.1	
Nine Mile Point Nuclear Station, LLC	Nine Mile Point 2		C	23744	Scriba	075	36	1988-08-01	1,320.0	1,246.6	1,291.3	1,298.7	NB	UR				10,115.7	
Noble Altona Windpark, LLC	Altona Wind Power		D	323606	Altona	019	36	2008-09-23	97.5	97.5	97.5	97.5	WT	WND				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				204.4	
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				209.6	
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				175.1	
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				168.8	
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				264.8	
Northbrook Lyons Falls, LLC	Hampshire Paper		E	323593	Gouverneur	089	36	1987-03-01	3.4	3.5	3.4	3.4	HY	WAT				16.9	
Northbrook Lyons Falls, LLC	Lyons Falls Hydro		E	23570	Lyons Falls	049	36	1986-01-01	8.0	7.3	8.0	8.0	HY	WAT				43.2	
NRG Power Marketing LLC	Arthur Kill GT 1		J	23520	Staten Island	085	36	1970-06-01	20.0	16.5	12.0	15.0	GT	NG				0.4	
NRG Power Marketing LLC	Arthur Kill ST 2		J	23512	Staten Island	085	36	1959-08-01	376.2	357.7	331.0	337.2	ST	NG				640.0	
NRG Power Marketing LLC	Arthur Kill ST 3		J	23513	Staten Island	085	36	1969-06-01	535.5	518.0	512.6	517.8	ST	NG				455.5	
NRG Power Marketing LLC	Astoria GT 05 (IIFO - 1/1/2016)		J	24106	Queens	081	36	1970-06-01	19.2	16.0	0.0	0.0	GT	F02	KER			0.0	(1)
NRG Power Marketing LLC	Astoria GT 07 (IIFO - 1/1/2016)		J	24107	Queens	081	36	1970-06-01	19.2	15.5	0.0	0.0	GT	F02	KER			0.0	(1)
NRG Power Marketing LLC	Astoria GT 12 (IIFO - 1/1/2016)		J	24226	Queens	081	36	1971-05-01	31.8	22.7	0.0	0.0	GT	F02	KER			0.0	(1)
NRG Power Marketing LLC	Astoria GT 13 (IIFO - 1/1/2016)		J	24227	Queens	081	36	1971-05-01	31.8	24.0	0.0	0.0	GT	F02	KER			0.0	(1)
NRG Power Marketing LLC	Astoria GT 2-1		J	24094	Queens	081	36	1970-06-01	46.5	41.2	36.4	44.0	YES	JE	KER	NG		3.8	
NRG Power Marketing LLC	Astoria GT 2-2		J	24095	Queens	081	36	1970-06-01	46.5	42.4	33.2	43.1	YES	JE	KER	NG		4.9	
NRG Power Marketing LLC	Astoria GT 2-3		J	24096	Queens	081	36	1970-06-01	46.5	41.2	35.9	45.0	YES	JE	KER	NG		2.4	
NRG Power Marketing LLC	Astoria GT 2-4		J	24097	Queens	081	36	1970-06-01	46.5	41.0	34.7	45.0	YES	JE	KER	NG		3.6	
NRG Power Marketing LLC	Astoria GT 3-1		J	24098	Queens	081	36	1970-06-01	46.5	41.2	33.7	43.6	YES	JE	KER	NG		5.9	
NRG Power Marketing LLC	Astoria GT 3-2		J	24099	Queens	081	36	1970-06-01	46.5	43.5	35.2	45.0	YES	JE	KER	NG		4.6	
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		2.8	
NRG Power Marketing LLC	Astoria GT 3-4		J	24101	Queens	081	36	1970-06-01	46.5	43.0	36.5	45.0	YES	JE	KER	NG		2.6	
NRG Power Marketing LLC	Astoria GT 4-1		J	24102	Queens	081	36	1970-07-01	46.5	42.6	34.0	43.9	YES	JE	KER	NG		4.2	
NRG Power Marketing LLC	Astoria GT 4-2		J	24103	Queens	081	36	1970-07-01	46.5	41.4	34.1	43.4	YES	JE	KER	NG		4.5	
NRG Power Marketing LLC	Astoria GT 4-3		J	24104	Queens	081	36	1970-07-01	46.5	41.1	34.0	43.1	YES	JE	KER	NG		5.1	
NRG Power Marketing LLC	Astoria GT 4-4		J	24105	Queens	081	36	1970-07-01	46.5	42.8	32.5	42.0	YES	JE	KER	NG		3.6	
NRG Power Marketing LLC	Huntley 67 (RET - 3/1/2016)		A	23561	Tonawanda	029	36	1957-12-01	218.0	196.5	0.0	0.0	ST	BIT				92.8	(3)(R)
NRG Power Marketing LLC	Huntley 68 (RET - 3/1/2016)		A	23562	Tonawanda	029	36	1958-12-01	218.0	198.0	0.0	0.0	ST	BIT				162.9	(4)(R)
NRG Power Marketing LLC	Oswego 5		C	23606	Oswego	075	36	1976-02-01	901.8	850.3	815.5	822.5	ST	F06				17.1	
NRG Power Marketing LLC	Oswego 6		C	23613	Oswego	075	36	1980-07-01	901.8	835.2	823.2	832.2	YES	ST	F06	NG		21.8	
NRG Power Marketing LLC	Oswego IC 1		C	5052	Oswego	075	36	1967-08-01	0.7		0.0	0.0	IC	F02				0.0	
NRG Power Marketing LLC	Oswego IC 2		C	5053	Oswego	075	36	1976-02-01	0.8		0.0	0.0	IC	F02				0.0	
NRG Power Marketing LLC	Oswego IC 3		C	5054	Oswego	075	36	1980-07-01	0.8		0.0	0.0	IC	F02				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	F02		0.0	

## 2017 Load & Capacity Data Report

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				MM	DD			MW	MW	SUM		
					YYYY-MM-DD	MW	MW	SUM	WIN	Type 1	Type 2	Type 3							
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	835.0	760.5	861.0	YES	CC	NG	FO2		5,202.4	
R.E. Ginna Nuclear Power Plant, LLC	R. E. Ginna		B	23603	Ontario	117	36	1970-07-01	614.0	582.0	579.4	580.6	NP	UR				5,062.6	
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				9.5	
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				5.8	
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				61.0	
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				48.8	
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	1.8	1.9	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	2.1	2.3	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	3.1	3.4	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	3.1	3.4	YES	IC	FO2	NG		0.2	
Rockville Centre, Village of	Charles P Keller 11		K	1661	Rockville Centre	059	36	1962-09-01	5.2	5.2	4.6	5.0	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	4.9	5.3	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	4.9	5.3	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	5.5	6.0	YES	IC	FO2	NG		1.5	
SBF New York, LLC	Beaver Falls		E	23983	Beaver Falls	049	36	1995-03-01	107.8	80.2	81.2	93.1	YES	CC	NG	FO2		2.7	
SBF New York, LLC	Syracuse		C	23985	Syracuse	067	36	1993-09-01	102.7	86.8	81.7	94.0	YES	CC	NG	FO2		27.8	
Selkirk Cogen Partners, L.P.	Selkirk-I		F	23801	Selkirk	001	36	1992-03-01	107.2	82.1	78.2	105.3	YES	CC	NG	FO2		133.4	
Selkirk Cogen Partners, L.P.	Selkirk-II		F	23799	Selkirk	001	36	1994-09-01	338.8	291.3	277.3	329.7	YES	CC	NG	FO2		506.8	
Seneca Energy II, LLC	Ontario LFGE		C	23819	Canandaigua	069	36	2003-12-01	11.2	7.6	11.2	11.2	IC	MTE				58.7	
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				133.5	( 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	
Seneca Power Partners, L.P.	Allegany		B	23514	Hume	003	36	1995-03-01	67.0	62.9	62.0	62.9	CC	NG				87.0	
Seneca Power Partners, L.P.	Batavia		B	24024	Batavia	037	36	1992-06-01	67.3	57.1	48.9	60.6	CC	NG				48.6	
Seneca Power Partners, L.P.	Carthage Energy		E	23857	Carthage	045	36	1991-08-01	62.9	59.0	55.6	63.7	YES	CC	NG	FO2		10.4	
Seneca Power Partners, L.P.	Hillburn GT		G	23639	Hillburn	087	36	1971-04-01	46.5	37.9	36.5	42.6	YES	JE	NG	KER		0.3	
Seneca Power Partners, L.P.	Shoemaker GT		G	23640	Middletown	071	36	1971-05-01	41.9	33.1	33.0	40.3	YES	JE	NG	KER		0.3	
Seneca Power Partners, L.P.	Sterling		E	23777	Sherrill	065	36	1991-06-01	65.3	57.4	50.2	62.7	CC	NG				11.5	
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				267.6	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating (V)	CRIS Sum Cap (A)	2017 Capability (B)		D U A L	Unit Type	Fuel (U)			2016 Net Energy GWh	Notes
					Town	Cnty	St				SUM	WIN			Type 1	Type 2	Type 3		
					YYYY-MM-DD	MW	MW												
Shell Energy North America (US), LP.	Lockport		A	23791	Lockport	063	36	1992-07-01	221.3	225.2	202.9	223.8	YES	CC	NG	F02		624.4	
Somerset Operating Company, LLC	Somerset		A	23543	Somerset	063	36	1984-08-01	655.1	686.5	685.6	691.7		ST	BIT			627.6	
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	94.4	93.9	93.9		WT	WND			265.0	
TC Ravenswood, LLC	Ravenswood 01		J	23729	Queens	081	36	1967-07-01	18.6	8.8	8.8	10.8		GT	NG			0.3	
TC Ravenswood, LLC	Ravenswood 09		J	24257	Queens	081	36	1970-07-01	25.0	21.7	16.3	21.9	YES	JE	KER	NG		2.1	
TC Ravenswood, LLC	Ravenswood 10		J	24258	Queens	081	36	1970-08-01	25.0	21.2	17.9	22.7	YES	JE	KER	NG		2.4	
TC Ravenswood, LLC	Ravenswood 11		J	24259	Queens	081	36	1970-08-01	25.0	20.2	16.8	22.2	YES	JE	KER	NG		2.0	
TC Ravenswood, LLC	Ravenswood 2-1		J	24244	Queens	081	36	1970-12-01	42.9	40.4	31.4	39.2	YES	JE	NG	KER		1.8	
TC Ravenswood, LLC	Ravenswood 2-2		J	24245	Queens	081	36	1970-12-01	42.9	37.6	29.9	40.4	YES	JE	NG	KER		1.9	
TC Ravenswood, LLC	Ravenswood 2-3		J	24246	Queens	081	36	1970-12-01	42.9	39.2	28.9	36.0	YES	JE	NG	KER		2.6	
TC Ravenswood, LLC	Ravenswood 2-4		J	24247	Queens	081	36	1970-12-01	42.9	39.8	30.7	41.5	YES	JE	NG	KER		1.6	
TC Ravenswood, LLC	Ravenswood 3-1		J	24248	Queens	081	36	1970-08-01	42.9	40.5	31.9	43.1	YES	JE	NG	KER		1.4	
TC Ravenswood, LLC	Ravenswood 3-2		J	24249	Queens	081	36	1970-08-01	42.9	38.1	29.4	41.0	YES	JE	NG	KER		0.9	
TC Ravenswood, LLC	Ravenswood 3-4		J	24251	Queens	081	36	1970-08-01	42.9	35.8	31.2	38.5	YES	JE	NG	KER		2.7	
TC Ravenswood, LLC	Ravenswood CC 04		J	23820	Queens	081	36	2004-05-01	250.0	231.2	219.6	271.6	YES	CC	NG	F02		1,716.9	
TC Ravenswood, LLC	Ravenswood ST 01		J	23533	Queens	081	36	1963-02-01	400.0	365.1	366.0	371.5	YES	ST	F06	NG		948.0	
TC Ravenswood, LLC	Ravenswood ST 02		J	23534	Queens	081	36	1963-05-01	400.0	391.6	367.2	376.0	YES	ST	F06	NG		893.5	
TC Ravenswood, LLC	Ravenswood ST 03		J	23535	Queens	081	36	1965-06-01	1,027.0	986.8	972.5	973.0	YES	ST	F06	NG		1,833.1	
TransAlta Energy Marketing (U.S.) Inc.	Saranac Energy		D	23793	Plattsburgh	019	36	1994-06-01	285.6	253.7	246.4	270.9		CC	NG			88.6	
Triton Power Company	Chateaugay High Falls		D	323578	Chateaugay	033	36	1987-12-01	1.7	1.7	0.0	0.0		HY	WAT			6.2	
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			12.5	
Wheelabrator Hudson Falls, LLC	Wheelabrator Hudson Falls		F	23798	Hudson Falls	115	36	1991-10-01	14.4	12.7	11.5	11.1		ST	REF			76.9	
Wheelabrator Westchester, LP	Wheelabrator Westchester		H	23653	Peekskill	119	36	1984-04-01	59.7	53.5	50.7	50.9		ST	REF			387.4	
											<b>44,231.7</b>	<b>40,500.4</b>	<b>38,777.3</b>	<b>41,256.5</b>				<b>137,531.5</b>	

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### NOTES FOR TABLE III-2 (Existing Generating Facilities)

<b>Note</b>	<b>Owner / Operator</b>	<b>Station Unit</b>	<b>Zone</b>	<b>PTID</b>	<b>Description</b>
<b>1</b>	Innovative Energy Systems, Inc.	Auburn LFG	C	323710	Unit produced power during months Jan - Jun 2016.
<b>2</b>	Jericho Rise Wind Farm LLC	Jericho Rise Wind Farm	D	323719	Unit produced power during Dec 2016.
<b>3</b>	NRG Power Marketing LLC	Huntley 67 (RET - 3/1/2016)	A	23561	Unit produced power during months Jan - Feb 2016.
<b>4</b>	NRG Power Marketing LLC	Huntley 68 (RET - 3/1/2016)	A	23562	Unit produced power during months Jan - Feb 2016.
<b>A</b>	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>B</b>	Various	Generating Units	A-K	Various	Summer Capability reflects DMNC values that are applicable to the Summer 2017 ICAP Market. Winter Capability reflects DMNC values that were applicable to the Winter 2016-2017 ICAP Market. DMNC stands for Dependable Maximum Net Generating Capability.
<b>D</b>	Various	Reactivated Generator	A-K	Various	Unit(s) returned to service from mothballed status or from a Mothball Outage as defined in the MST.
<b>G</b>	Various	Generating Station	A-K	Various	Generation is reported as Station Total.
<b>I</b>	Various	ICAP Ineligible Generator	A-K	Various	This unit is in an ICAP Ineligible Forced Outage (IIFO) as defined in the MST.
<b>M</b>	Various	Mothballed Generator	A-K	Various	This unit is mothballed or is in a Mothball Outage per MST Section 5.18.
<b>N</b>	Various	New Generator	A-K	Various	Unit(s) added since the publication of the 2016 Load and Capacity Data Report.
<b>R</b>	Various	Retired Generator	A-K	Various	This unit is retired or Retired as defined in the MST.
<b>S</b>	Various	RSS Generator	A-K	Various	This unit is operating under a RSS (Reliability Support Services) agreement.
<b>U</b>	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.
<b>V</b>	Various	Generating Units	A-K	Various	Typically, Name Plate refers to a historic rating and may not reflect the most current value.

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

Generator Type		ZONE											TOTAL	
		A	B	C	D	E	F	G	H	I	J	K		
<b>Summer Capability Period (MW) (2)</b>														
Fossil	Steam Turbine (Oil)	0.0	0.0	815.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	815.5
	Steam Turbine (Oil & Gas)	0.0	0.0	823.2	0.0	0.0	0.0	2,451.2	0.0	0.0	2,795.3	2,347.9	0.0	8,417.6
	Steam Turbine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	360.2	0.0	0.0	1,015.7	0.0	0.0	1,375.9
	Steam Turbine (Coal)	708.3	0.0	302.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,010.5
	Combined Cycle (Oil & Gas)	391.2	0.0	313.8	81.1	136.8	2,950.9	0.0	0.0	0.0	3,258.3	570.6	0.0	7,702.7
	Combined Cycle (Gas)	0.0	110.9	948.6	246.4	50.2	0.0	0.0	0.0	0.0	0.0	0.0	130.6	1,486.7
	Jet Engine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	681.3	681.3
	Jet Engine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.5	0.0	0.0	1,160.7	164.0	1,394.2
	Jet Engine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.9	53.9
	Combustion Turbine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	0.0	0.0	357.4	601.8	978.9
	Combustion Turbine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	0.0	0.0	578.1	392.1	988.7
	Combustion Turbine (Gas)	38.7	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	446.8	180.6	671.6
	Internal Combustion (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4	23.4
	Internal Combustion (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.1	26.1
	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	0.0
Pumped Storage	Pumped Storage Hydro	240.0	0.0	0.0	0.0	0.0	1,166.8	0.0	0.0	0.0	0.0	0.0	0.0	1,406.8
Nuclear	Steam (PWR Nuclear)	0.0	579.4	0.0	0.0	0.0	0.0	0.0	2,041.7	0.0	0.0	0.0	0.0	2,621.1
	Steam (BWR Nuclear)	0.0	0.0	2,754.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,754.2
Renewable (1)	Conventional Hydro	2,439.7	63.8	108.7	914.8	376.3	269.5	78.4	0.0	0.0	0.0	0.0	0.0	4,251.2
	Internal Combustion (Methane)	18.4	13.6	45.7	6.4	11.2	12.0	0.0	0.0	0.0	0.0	0.0	0.0	107.3
	Steam Turbine (Wood)	0.0	0.0	0.0	0.0	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1
	Steam Turbine (Refuse)	28.6	0.0	0.0	0.0	0.0	11.5	6.5	50.7	0.0	0.0	0.0	121.3	218.6
	Wind	100.5	0.0	518.4	678.7	441.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,739.5
	Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.5	31.5
<b>Totals</b>		<b>3,965.4</b>	<b>767.7</b>	<b>6,635.8</b>	<b>1,927.4</b>	<b>1,036.5</b>	<b>4,410.7</b>	<b>3,004.0</b>	<b>2,092.4</b>	<b>0.0</b>	<b>9,612.3</b>	<b>5,325.1</b>	<b>38,777.3</b>	

(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.

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

Generator Type		ZONE											TOTAL
		A	B	C	D	E	F	G	H	I	J	K	
<b>Winter Capability Period (MW) (2)</b>													
Fossil	Steam Turbine (Oil)	0.0	0.0	822.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	822.5
	Steam Turbine (Oil & Gas)	0.0	0.0	832.2	0.0	0.0	0.0	2,489.4	0.0	0.0	2,807.7	2,360.8	8,490.1
	Steam Turbine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	361.3	0.0	0.0	1,024.2	0.0	1,385.5
	Steam Turbine (Coal)	725.9	0.0	300.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,026.5
	Combined Cycle (Oil & Gas)	436.4	0.0	365.4	92.3	156.8	3,464.3	0.0	0.0	0.0	3,683.9	659.8	8,858.9
	Combined Cycle (Gas)	0.0	123.5	1,159.0	270.9	62.7	0.0	0.0	0.0	0.0	0.0	139.6	1,755.7
	Jet Engine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	812.3	812.3
	Jet Engine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	82.9	0.0	0.0	1,375.2	202.5	1,660.6
	Jet Engine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.9	58.9
	Combustion Turbine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	23.4	0.0	0.0	450.5	742.1	1,216.0
	Combustion Turbine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	747.9	443.6	1,215.3
	Combustion Turbine (Gas)	46.2	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	454.7	190.0	698.1
	Internal Combustion (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.1	26.1
	Internal Combustion (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.4	28.4
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	1,170.5	0.0	0.0	0.0	0.0	0.0	1,410.5
Nuclear	Steam (PWR Nuclear)	0.0	580.6	0.0	0.0	0.0	0.0	0.0	2,073.1	0.0	0.0	0.0	2,653.7
	Steam (BWR Nuclear)	0.0	0.0	2,783.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,783.8
Renewable (1)	Conventional Hydro	2,452.0	63.8	108.7	882.4	376.3	269.6	78.7	0.0	0.0	0.0	0.0	4,231.5
	Internal Combustion (Methane)	18.4	13.6	45.7	6.4	11.2	12.0	0.0	0.0	0.0	0.0	0.0	107.3
	Steam Turbine (Wood)	0.0	0.0	0.0	0.0	20.2	0.0	0.0	0.0	0.0	0.0	0.0	20.2
	Steam Turbine (Refuse)	34.0	0.0	0.0	0.0	0.0	11.1	5.9	50.9	0.0	0.0	121.7	223.6
	Wind	100.5	0.0	518.4	678.7	441.9	0.0	0.0	0.0	0.0	0.0	0.0	1,739.5
	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
<b>Totals</b>		<b>4,053.4</b>	<b>781.5</b>	<b>6,943.5</b>	<b>1,930.7</b>	<b>1,069.1</b>	<b>4,927.5</b>	<b>3,065.4</b>	<b>2,124.0</b>	<b>0.0</b>	<b>10,544.1</b>	<b>5,817.3</b>	<b>41,256.5</b>

(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.

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**Table III-3c: Annual Net Energy Generation by Zone and Type - 2016**

Generator Type		ZONE										TOTAL	
		A	B	C	D	E	F	G	H	I	J		K
<b>Annual Net Energy (GWh) (2)</b>													
Fossil	Steam Turbine (Oil)	0.0	0.0	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1
	Steam Turbine (Oil & Gas)	0.0	0.0	21.8	0.0	0.0	0.0	1,692.6	0.0	0.0	5,246.5	4,331.7	11,292.6
	Steam Turbine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	14.9	0.0	0.0	1,099.1	0.0	1,114.0
	Steam Turbine (Coal)	930.5	0.0	562.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,492.8
	Combined Cycle (Oil & Gas)	932.2	0.0	372.1	3.9	13.1	14,242.4	0.0	0.0	0.0	19,233.6	4,219.8	39,017.1
	Combined Cycle (Gas)	0.0	136.8	4,734.1	88.6	11.5	0.0	0.0	0.0	0.0	0.0	584.1	5,555.1
	Jet Engine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.6	70.6
	Jet Engine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1,182.7	100.8	1,284.1
	Jet Engine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	211.9	211.9
	Combustion Turbine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	2.7	43.0	45.8
	Combustion Turbine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	93.7	760.6	854.8
	Combustion Turbine (Gas)	172.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	371.2	361.7	905.3
	Internal Combustion (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.1
	Internal Combustion (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.8
	Internal Combustion (Gas)	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
Pumped Storage	Pumped Storage Hydro	464.3	0.0	0.0	0.0	0.0	371.3	0.0	0.0	0.0	0.0	0.0	835.6
Nuclear	Steam (PWR Nuclear)	0.0	5,062.6	0.0	0.0	0.0	0.0	0.0	15,126.1	0.0	0.0	0.0	20,188.7
	Steam (BWR Nuclear)	0.0	0.0	21,448.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21,448.8
Renewable (1)	Conventional Hydro	14,644.1	141.7	465.7	7,367.2	1,958.5	1,572.0	164.9	0.0	0.0	0.0	0.0	26,314.1
	Internal Combustion (Methane)	151.3	101.7	322.0	33.9	62.0	76.8	0.0	0.0	0.0	0.0	0.0	747.7
	Steam Turbine (Wood)	0.0	0.0	0.0	0.0	292.5	0.0	0.0	0.0	0.0	0.0	0.0	292.5
	Steam Turbine (Refuse)	194.1	0.0	203.4	0.0	0.0	76.9	37.7	387.4	0.0	0.0	941.4	1,840.9
	Wind	298.2	12.5	1,307.3	1,262.5	1,062.8	0.0	0.0	0.0	0.0	0.0	0.0	3,943.3
	Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.7	53.7
<b>Totals</b>		<b>17,786.9</b>	<b>5,455.3</b>	<b>29,454.8</b>	<b>8,756.1</b>	<b>3,401.5</b>	<b>16,339.4</b>	<b>1,911.3</b>	<b>15,513.5</b>	<b>0.0</b>	<b>27,229.5</b>	<b>11,683.2</b>	<b>137,531.5</b>

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

(2) - Values are from the 2016 Net Energy column in Table III-2: Existing Generators.

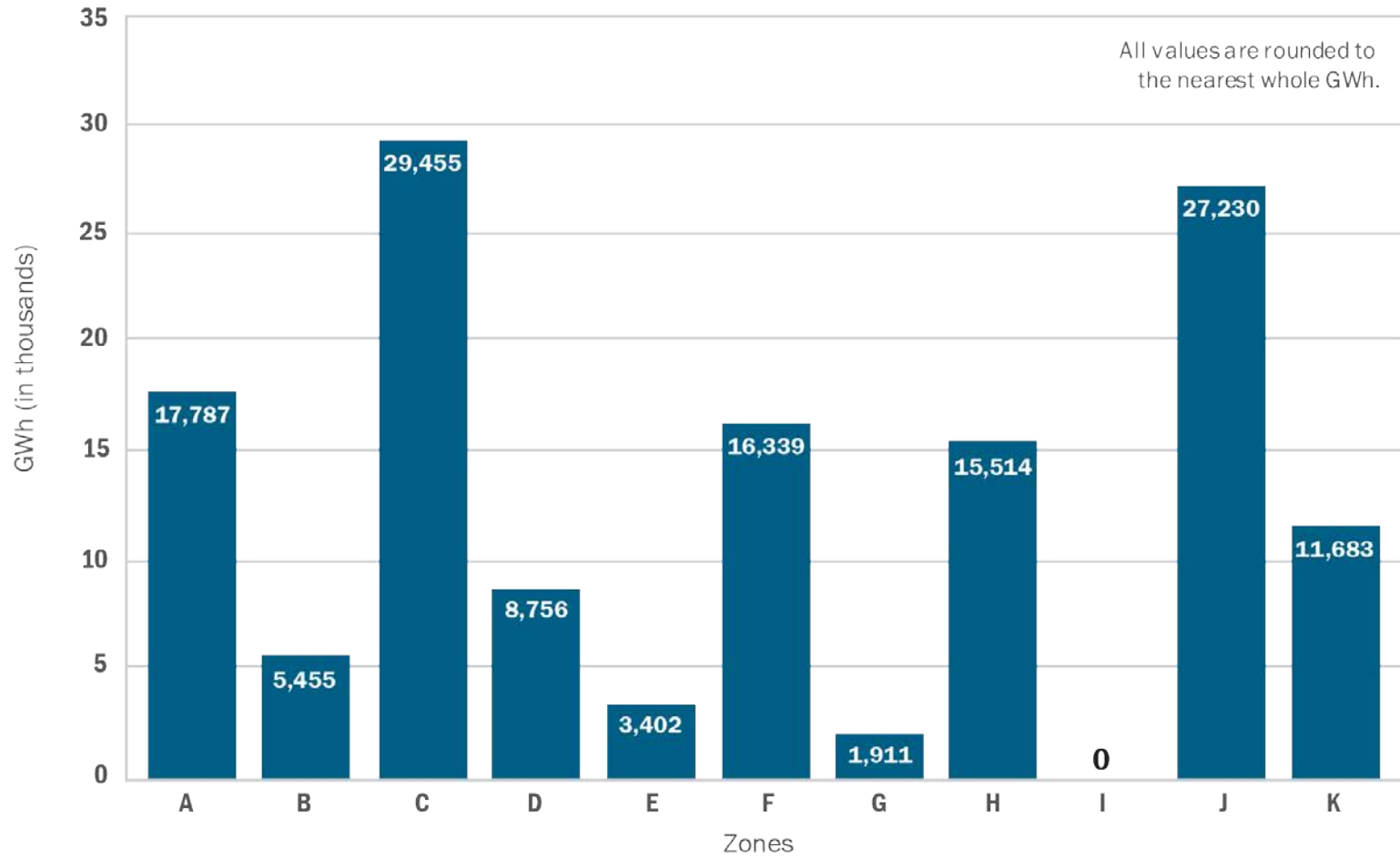


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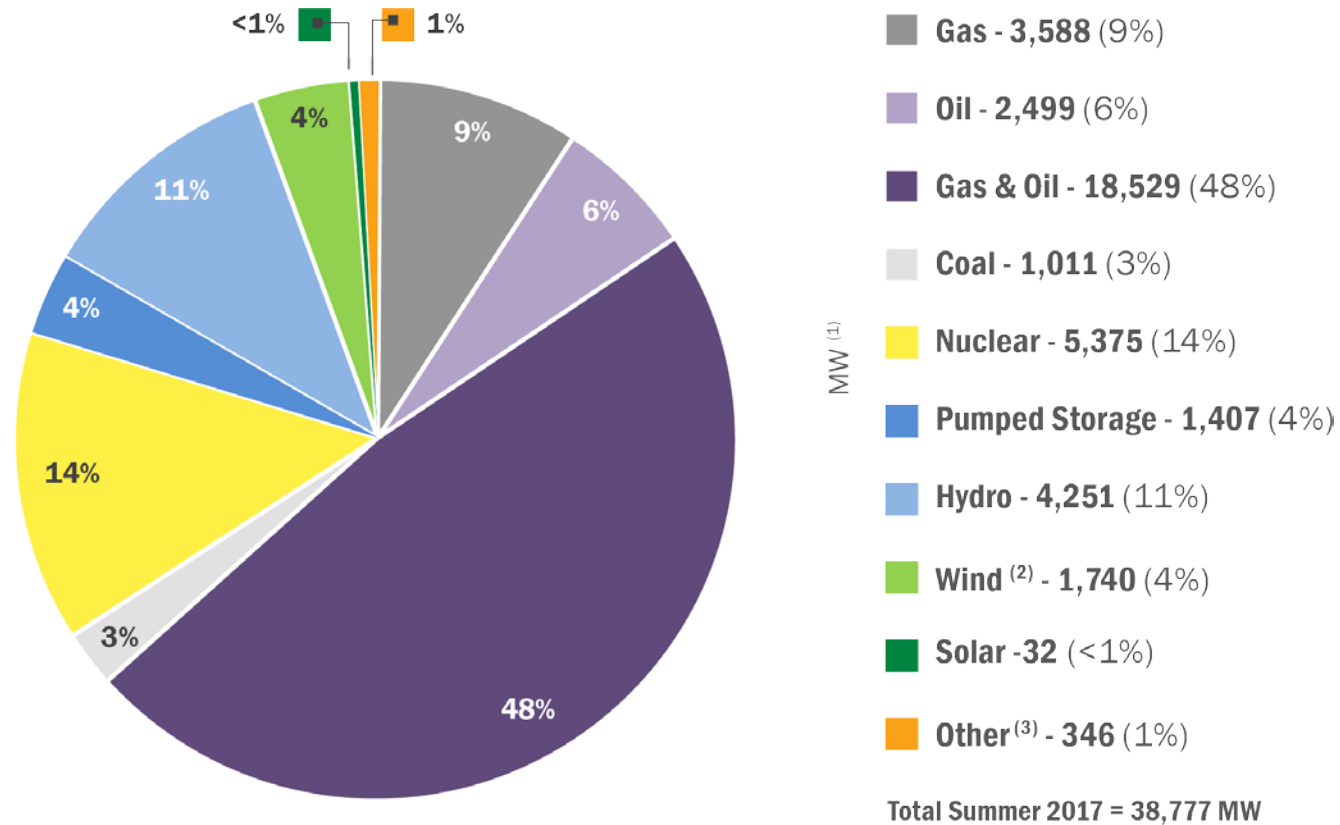
**Table III-3d: 2016 Scheduled Real-Time Transactions by Control Area and Proxy Bus, GWh**

Control Area	Proxy Bus Name	Imports	Wheels-In	Exports	Wheels-Out	Net Imports
H Q	Cedars	872	0	1	0	871
H Q	Chateaugay	8,738	2,419	51	0	11,106
IESO	Bruce	7,929	14	261	29	7,653
ISO-NE	1385 Line	534	0	195	0	339
ISO-NE	Cross Sound Cable	1,676	0	0	0	1,676
ISO-NE	Sandy Pond	2,300	14	5,559	2,428	-5,673
PJM	HTP	73	0	0	0	73
PJM	Keystone	4,517	36	1,918	26	2,609
PJM	Linden VFT	1,351	0	151	0	1,200
PJM	Neptune	4,919	0	0	0	4,919
	<b>NYCA Total</b>	<b>32,909</b>	<b>2,483</b>	<b>8,136</b>	<b>2,483</b>	<b>24,773</b>

**Figure III-1: 2016 NYCA Energy Production by Zone**

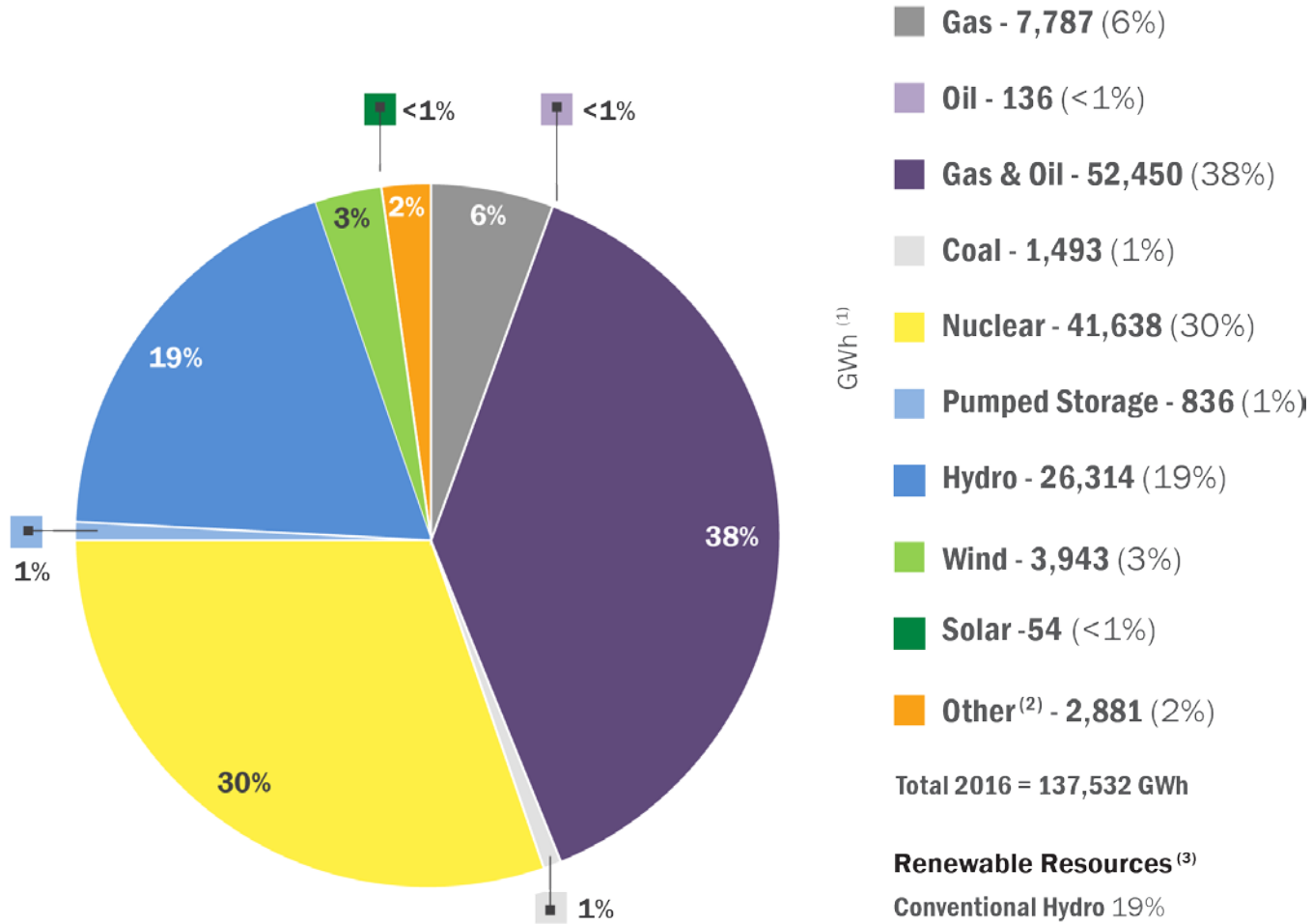


**Figure III-2: 2017 NYCA Summer Capability by Fuel Type**



(1) All values are from the Summer Capability column in Table 3-2 and are rounded to the nearest whole MW.  
 (2) While there is a total of 1827 MW of Installed Nameplate, 87 MW do not participate in the Installed Capacity market.  
 (3) Includes Methane, Refuse & Wood.

**Figure III-3: 2016 NYCA Energy Production by Fuel Type**

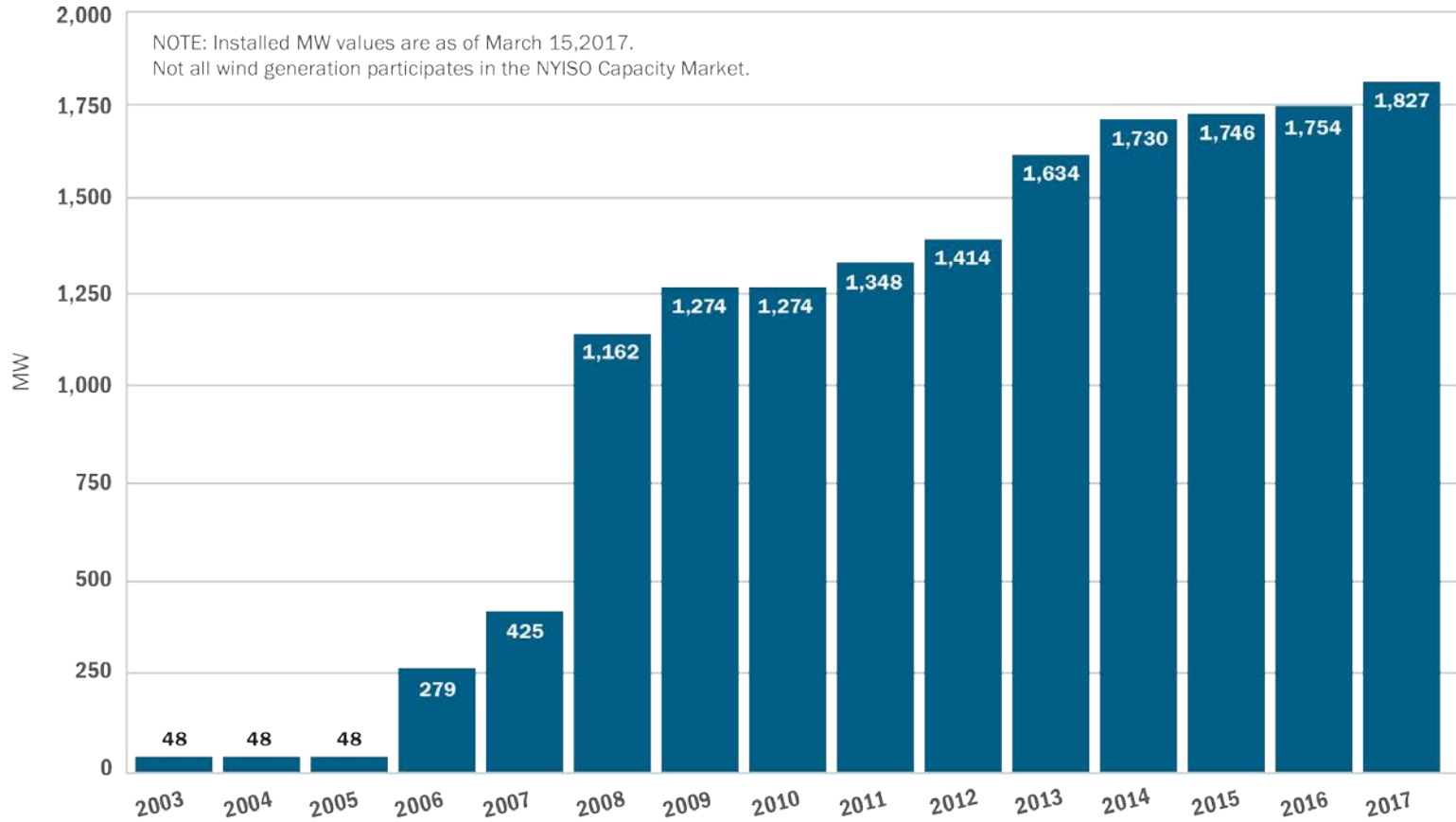


(1) All values are rounded to the nearest whole GWh.

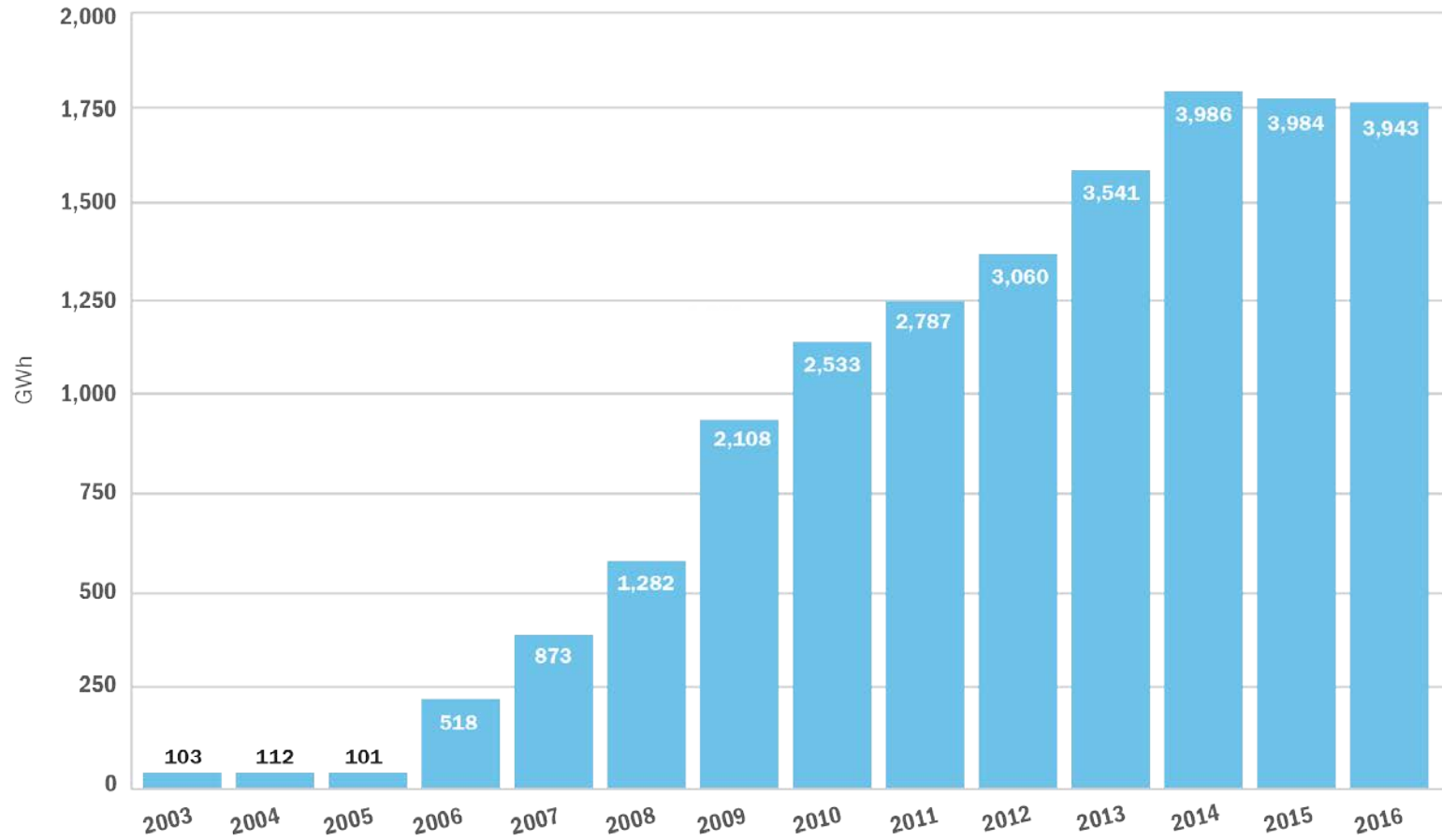
(2) Includes Methane, Refuse & Wood.

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

**Figure III-4a: NYCA Wind Resources – Historical Installed Nameplate Capacity**

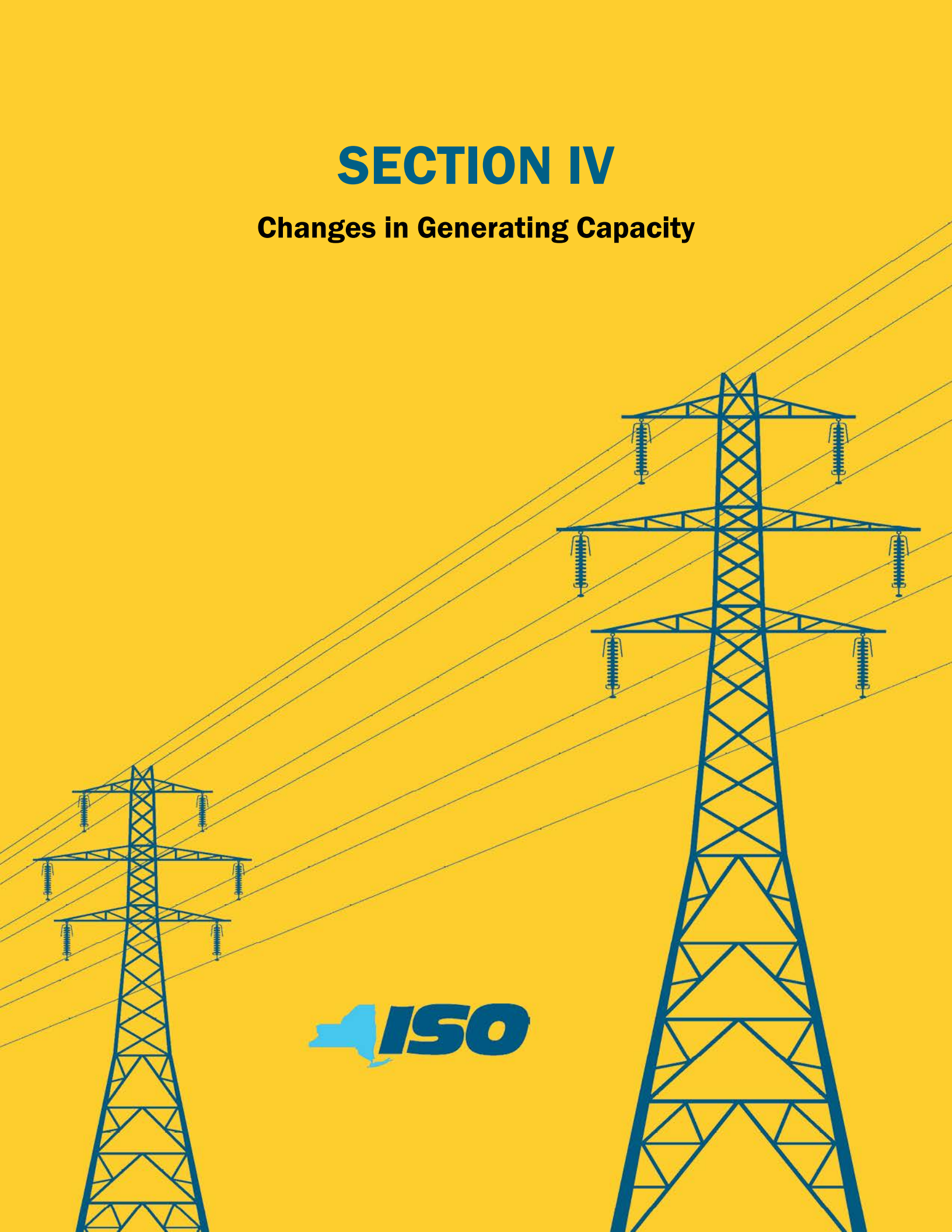


**Figure III-4b: NYCA Wind Resources – Historical Energy Production**



# SECTION IV

## Changes in Generating Capacity



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## Section IV

This section reports a list of proposed projects in the NYISO interconnection process by Class Year<sup>6</sup>, 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 2016 *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, 2017. Monthly updates to this information are available in the *Generator Status Updates* folder on the *Planning Documents & Resources* page:

[http://www.nyiso.com/public/markets\\_operations/services/planning/documents/index.jsp](http://www.nyiso.com/public/markets_operations/services/planning/documents/index.jsp).

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<sup>6</sup> 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.

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### Table IV-1: Proposed Generator Additions & CRIS Requests

QUEUE POS.	OWNER / OPERATOR	STATION UNIT	ZONE	Proposed Date <sup>9</sup> (M-YY)	NAMEPLATE RATING (MW)	REQUESTED CRIS (MW) <sup>1</sup>	CRIS <sup>1</sup> (MW)	SUMMER (MW)	WINTER (MW)	UNIT TYPE	CLASS YEAR	NOTES
<b><u>Completed Class Year Facilities Study</u></b>												
431	Greenidge Generation	Greenidge Unit #4	C	Mar-17	106.3	106.3	106.3	106.3	106.3	Steam Turbine	2015	(2)
251	CPV Valley, LLC	CPV Valley Energy Center	G	Feb-18	820.0	680.0	680.0	677.6	690.6	Combined Cycle	2011	(2)
349	Taylor Biomass Energy Mont., LLC	Taylor Biomass	G	Apr-18	21.0	19.0	19.0	19.0	22.5	Solid Waste	2011	(2)
395	Copenhagen Wind Farm , LLC	Copenhagen Wind	E	May-18	79.9	79.9	79.9	79.9	79.9	Wind Turbines	2015	(2)
<b><u>Class Year 2017 Candidates<sup>4</sup></u></b>												
467	Invenergy Solar Development, LLC	Shoreham Solar	K	Mar-17	25.0	TBD	TBD	25.0	25.0	Solar		(3) (7)
511	AG Energy, LP	Ogdensburg	E	May-17	88.6	TBD	TBD	79.0	90.1	Combined Cycle		(3)
510	Bayonne Energy Center	Bayonne Energy Center II	J	Jun-17	132.0	TBD	TBD	120.4	129.4	Jet Engines		(3)
468	Apex Clean Energy LLC	Galloo Island Wind	C	Jul-17	110.4	TBD	TBD	105.6	105.6	Wind Turbines		(3)
440	Erie Power, LLC	Erie Power	A	Aug-17	88.0	TBD	TBD	79.4	88.0	Combined Cycle		(3)
422	NextEra Energy Resources, LLC	Eight Point Wind (Call Hill)	B	Sep-17	101.2	TBD	TBD	103.3	103.3	Wind Turbines		(3)
421	EDP Renewables North America	Arkwright Summit	A	Oct-17	78.0	TBD	TBD	78.0	78.0	Wind Turbines		(3)
393	NRG Energy, Inc.	Berrians East Repower	J	Jun-18	637.5	TBD	TBD	102.3	53.0	Combustion Turbines		(8)
505	RES America Development Inc.	Ball Hill Wind	A	Sep-18	100.0	TBD	TBD	100.0	100.0	Wind Turbines		(3)
387	Cassadaga Wind, LLC	Cassadaga Wind	A	Dec-18	126.0	TBD	TBD	126.0	126.0	Wind Turbines		(3)
523	Dunkirk Power, LLC	Dunkirk Unit 2	A	Dec-18	75.0	TBD	TBD	75.0	75.0	Steam Turbine		(3)
524	Dunkirk Power, LLC	Dunkirk Unit 3 & 4	A	Dec-18	370.0	TBD	TBD	370.0	370.0	Steam Turbine		(3)
496	Renovo Energy Cente, LLC	Renovo Energy Center	C	May-19	480.0	TBD	TBD	480.0	504.0	Combined Cycle		(3)
444	Cricket Valley Energy Center, LLC	Cricket Valley Energy Center II	G	Aug-19	1,177.2	TBD	TBD	1,020.0	1,132.0	Combined Cycle		(3)
494	Alabama Ledge Wind Farm LLC	Alabama Ledge Wind	A	Aug-19	79.8	TBD	TBD	79.8	79.8	Wind Turbines		(3)
396	Baron Winds, LLC	Baron Winds	C	Dec-19	300.0	TBD	TBD	300.0	300.0	Wind Turbines		(3)
498	ESC Tioga County Power, LLC	Tioga County Power	C	Jun-20	550.0	TBD	TBD	550.0	550.0	Combined Cycle		(3)
<b><u>Class Year 2017 CRIS Requests</u></b>												
430	HQUS	Cedar Rapids Transmission Upgrade	D	N/A	N/A	80.0	TBD	N/A	N/A			
	LI Energy Storage System, LLC	Montauk Battery Storage	K	N/A	5.0	5.0	TBD	N/A	N/A			
	LI Energy Storage System, LLC	East Hampton Battery Storage	K	N/A	5.0	5.0	TBD	N/A	N/A			
	ConEd	East River 6	J	N/A	156.2	8.0	TBD	N/A	N/A			
477	Riverhead Solar Farm, LLC	Riverhead Solar	K	N/A	20.0	20.0	TBD	N/A	N/A			
	Nine Mile Point Nuclear Station, LLC	Nine Mile Point Unit 2	C	N/A	1,320.0	63.4	TBD	N/A	N/A			
	Fortistar North Tonawanda Inc.	Fortistar N. Tonawanda (Oxbow)	A	N/A	68.5	7.0	TBD	N/A	N/A			
	East Coast Power, LLC	Linden Cogen	J	N/A	974.1	37.2	TBD	N/A	N/A			

2017 Load & Capacity Data Report

**Table IV-1: Proposed Generator Additions & CRIS Requests (cont'd)**

QUEUE POS.	OWNER / OPERATOR	STATION UNIT	ZONE	Proposed Date <sup>9</sup> (M-YY)	NAMEPLATE RATING (MW)	REQUESTED CRIS (MW) <sup>1</sup>	CRIS <sup>1</sup> (MW)	SUMMER (MW)	WINTER (MW)	UNIT TYPE	CLASS YEAR	NOTES
<b><u>Future Class Year Candidates<sup>5</sup></u></b>												
361	US PowerGen Co.	Luyster Creek Energy	J	Jun-17	508.6	TBD	TBD	401.0	444.0	Combined Cycle		(3)
445	Lighthouse Wind, LLC	Lighthouse Wind	A	Sep-17	201.3	TBD	TBD	201.3	201.3	Wind Turbines		(3)
372	Dry Lots Wind, LLC	Dry Lots Wind	E	Nov-17	33.0	TBD	TBD	33.0	33.0	Wind Turbines		(3)
371	South Moutain Wind, LLC	South Mountain Wind	E	Dec-17	18.0	TBD	TBD	18.0	18.0	Wind Turbines		(3)
401	Caithness Long Island I, LLC	Caitness Long Island II	K	Apr-18	807.0	TBD	TBD	744.0	807.0	Combined Cycle		(3)
382	Astoria Generating Co.	South Pier Improvement	J	Jun-18	95.5	TBD	TBD	91.2	95.5	Combustion Turbines		(3)
276	Air Energie TCI, Inc.	Crown City Wind	C	Dec-18	90.0	TBD	TBD	90.0	90.0	Wind Turbines		(3)
449	Stockbridge Wind, LLC	Stockbridge Wind	E	Aug-18	72.6	TBD	TBD	72.6	72.6	Wind Turbines		(3)
347	Franklin Wind Farm, LLC	Franklin Wind	E	Oct-19	50.4	TBD	TBD	50.4	50.4	Wind Turbines		(3)
466	Atlantic Wind, LLC	Bone Run Wind	A	Dec-19	132.0	TBD	TBD	132.0	132.0	Wind Turbines		(3)
474	EDP Renewables North America	North Slope Wind	D	Oct-21	200.0	TBD	TBD	200.0	200.0	Wind Turbines		(3)
383	NRG Energy, Inc.	Bowline Gen. Station Unit #3	G	Jan-22	814.0	TBD	TBD	775.0	814.0	Combined Cycle		(3)
<b><u>Other Non Class Year Generators<sup>6</sup></u></b>												
362	Monticello Hills Wind, LLC	Monticello Hills Wind	E	Mar-17	19.8	0.0	0.0	19.8	19.8	Wind Turbines		(3) (7)
583	Erie Boulevard Hydropower, LP	Fulton	C	Apr-17	1.3	0.0	0.0	1.3	1.3	Hydro		(3)
398	Black Oak Wind Farm, LLC	Black Oak Wind	C	Jan-18	12.6	0.0	0.0	12.6	12.6	Wind Turbines		(3)
512	Northbrook Lyons Falls	Lyons Falls Mill Hydro	E	Mar-18	14.1	0.0	0.0	14.1	14.1	Hydro		(3)
477	Riverhead Solar Farm, LLC	Riverhead Solar	K	Oct-18	20.0	N/A	N/A	20.0	20.0	Solar		(3)
<b>Total</b>								<b>7,552.9</b>	<b>7,834.1</b>			

## 2017 Load & Capacity Data Report

### **Notes for Table IV-1 (Proposed Generator Additions & CRIS Requests)**

<b>1</b>	"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.
<b>2</b>	Projects that have completed a Class Year Facilities Study are included as new additions in this year's Load and Capacity Schedule, Table V-2a & V-2b.
<b>3</b>	Projects that have not completed a Class Year Facilities Study are included as proposed resource changes in this year's Load & Capacity Schedule, Table V-2a.
<b>4</b>	Projects that have elected to enter Class Year 2017
<b>5</b>	Projects that are potential candidates for a Class Year Study after Class Year 2017, 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.
<b>6</b>	Small Generating Facilities that are not subject to a Class Year Facilities Study but that have achieved comparable milestones to projects in the "Class Candidates" section.
<b>7</b>	Extension of in-service date is under review
<b>8</b>	Q393 Berrians East Repower is a repowering project that would include retiring NRG GTs 2, 3, and 4 with PTIDs 24094 through 24105.
<b>9</b>	For projects in the "Completed Class Year Facilities Study" section of this Table, this date is the proposed Commercial Operation Date. For all other projects listed on this Table, this date is the proposed In-Service Date. These dates are proposed to the NYISO by the Developer and are typically updated throughout the interconnection study process and throughout project development, to the extent permitted by Attachments X and Z to the OATT.

## 2017 Load & Capacity Data Report

### Table IV-2: Proposed Generator Re-ratings<sup>1</sup>

QUEUE POS.	OWNER / OPERATOR	STATION	UNIT	ZONE	DATE	PTID	Class Year	INCREMENTAL CAPABILITY (MW)				TOTAL CAPABILITY (MW)				Notes
								Nameplate Rating	CRIS	SUMMER	WINTER	Nameplate Rating	CRIS	SUMMER	WINTER	
403	PSEG Power New York	Bethlehem Energy Center		F	2017-2018	323570	2015	11.9	78.1	72.0	51.2	905.0	835.0	835.0	905.0	(2)
338	Rochester Gas & Electric Corp	Station 2		B	2018/09	23604	N/A	6.3	0.0	6.3	6.3	14.8	6.5	14.8	14.8	(3) (5)
516	East Coast Power LLC	Linden Cogen Uprate		J	2019/06	23786	(4)	235.5	TBD	230.0	234.0	1,035.5	TBD	991.5	1,034.0	(3)
461	Consolidated Edison Co. of NY, Inc.	East River 1 Uprate		J	IS	323558	(4)	0.0	0.0	2.0	2.0	185.0	160.5	160.5	194.3	(3)
462	Consolidated Edison Co. of NY, Inc.	East River 2 Uprate		J	IS	323559	(4)	0.0	0.0	2.0	2.0	185.0	162.4	162.4	195.3	(3)
<b>Total</b>								<b>253.7</b>	<b>78.1</b>	<b>312.3</b>	<b>295.5</b>	<b>2,325.3</b>	<b>1,164.4</b>	<b>2,164.2</b>	<b>2,343.4</b>	

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. Projects that have completed a Class Year 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 Facilities Study are included as proposed resource changes in this year's Load & Capacity Schedule, Table V-2a.
4. Projects that have elected to enter Class Year 2017.
5. 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.

2017 Load & Capacity Data Report

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

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

OWNER / OPERATOR	STATION	UNIT	ZONE	DATE (1)	PTID	CRIS (2)	CAPABILITY (MW)		Status (3)
							SUMMER (2)	WINTER (2)	
TC Ravenswood LLC	Ravenswood 04		J	05/01/2016	24252	15.2	12.9	15.6	M
TC Ravenswood LLC	Ravenswood 05		J	05/01/2016	24254	15.7	15.5	17.2	M
TC Ravenswood LLC	Ravenswood 06		J	05/01/2016	24253	16.7	12.6	16.5	M
ReEnergy Chateaugay LLC	Chateaugay Power		D	05/31/2016	23792	18.6	18.2	18.5	R
NRG Power Marketing LLC	Astoria GT 08		J	07/01/2016	24108	15.3	11.4	14.8	M
NRG Power Marketing LLC	Astoria GT 10		J	07/01/2016	24110	24.9	18.4	22.6	M
NRG Power Marketing LLC	Astoria GT 11		J	07/01/2016	24225	23.6	16.5	25.0	M
NRG Power Marketing LLC	Dunkirk 2		A	01/01/2016	23564	97.2	75.0	75.0	M
<b>Total</b>						<b>227.2</b>	<b>180.5</b>	<b>205.2</b>	

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.

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**Table IV-4: Deactivated Units Listed in Existing Generating Facilities Table III-2**

OWNER / OPERATOR	STATION	UNIT	ZONE	DATE	PTID	CAPABILITY (MW)			Status (1)
						CRIS (2)	SUMMER (2)	WINTER (2)	
Niagara Generation LLC	Niagara Bio-Gen		A	01/01/2016	23895	50.5	37.2	37.2	I
NRG Power Marketing LLC	Huntley 67		A	03/01/2016	23561	196.5	187.9	188.0	R
NRG Power Marketing LLC	Huntley 68		A	03/01/2016	23562	198.0	189.5	186.8	R
NRG Power Marketing LLC	Astoria GT 05		J	01/01/2016	24106	16.0	12.3	14.9	I
NRG Power Marketing LLC	Astoria GT 07		J	01/01/2016	24107	15.5	11.5	14.3	I
NRG Power Marketing LLC	Astoria GT 12		J	01/01/2016	24226	22.7	17.7	22.3	I
NRG Power Marketing LLC	Astoria GT 13		J	01/01/2016	24227	24.0	16.9	22.7	I
<b>Total</b>						<b>523.2</b>	<b>473.0</b>	<b>486.2</b>	

1. M = 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.

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

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**Table IV-5: Notices of Proposed Deactivations as of March 15, 2017**

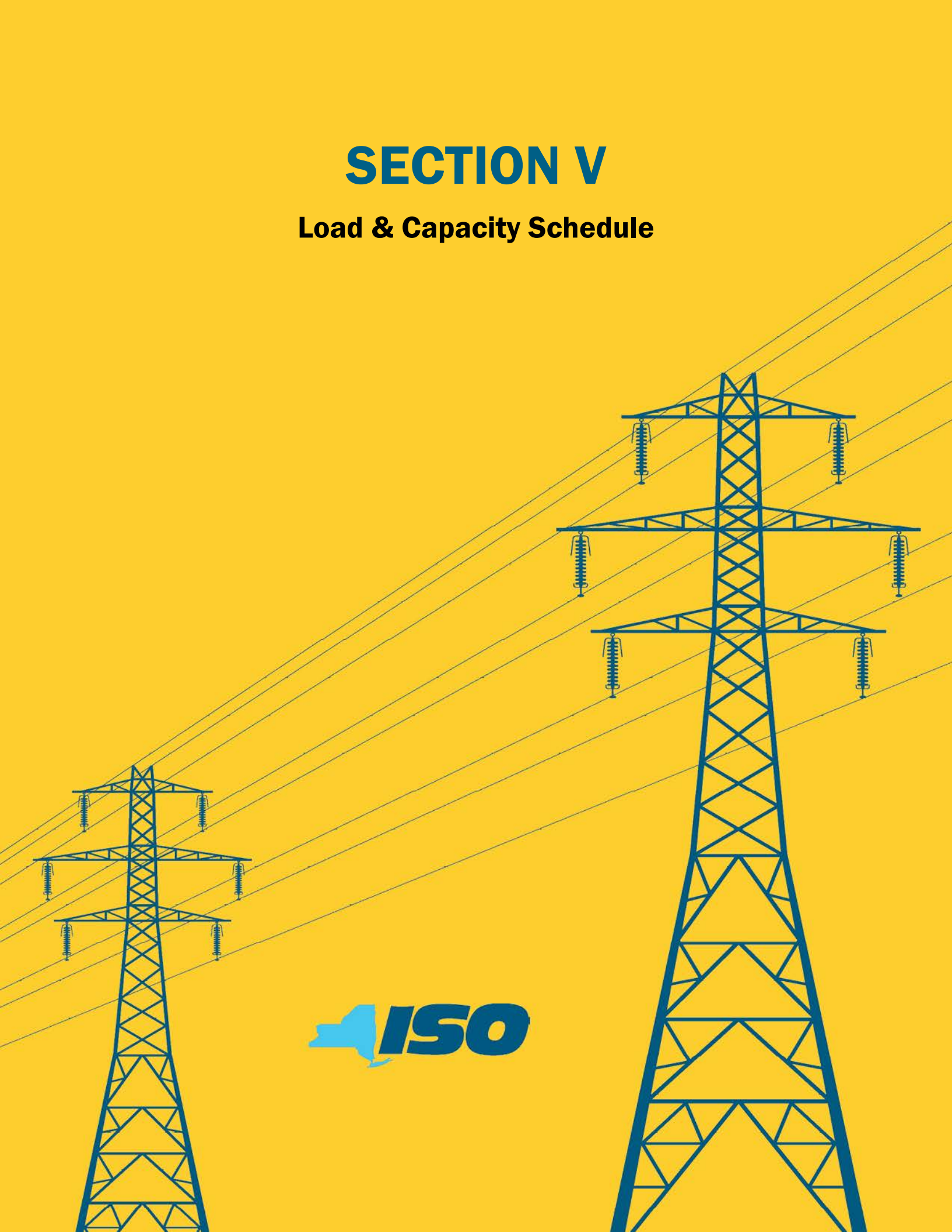
OWNER / OPERATOR	STATION	UNIT	ZONE	PROPOSED DEACTIVATION DATE	PTID	CRIS	CAPABILITY (MW)		Notes
							SUMMER	WINTER	
Cayuga Operating Company, LLC	Cayuga 1		C	07/01/2017	23584	154.1	152.0	150.2	(1)
Cayuga Operating Company, LLC	Cayuga 2		C	07/01/2017	23585	154.7	150.2	150.4	(1)
Entergy Nuclear Power Marketing LLC	James A. FitzPatrick		C	01/01/2017	23598	858.9	837.5	850.5	(3)
R.E. Ginna Nuclear Power Plant, LLC	R. E. Ginna		B	04/01/2017	23603	582.0	579.4	580.6	(2)
Innovative Energy Systems, LLC	Auburn LFG		C	03/16/2017	323710	0.0	0.0	0.0	(4)
J-POWER USA Generation, L.P.	Shoreham GT 3		K	08/13/2017	24213	45.4	45.4	45.4	
J-POWER USA Generation, L.P.	Shoreham GT 4		K	08/13/2017	24214	43.9	44.6	45.7	
J-POWER USA Generation, L.P.	Freeport EQUUS GT1		K	10/31/2017	23764	48.3	47.5	49.0	
<b>Total</b>						<b>1,887.3</b>	<b>1,856.6</b>	<b>1,871.8</b>	

1. Unit is currently operating under a Reliability Support Services agreement through June 30, 2017.
2. In accordance with a settlement agreement, Ginna submitted a notice of continued commercial operation following expiration of its Reliability Support Service Agreement.  
See FERC Docket No. ER15-1047; NYSPSC Case No. 14-E-0270.
3. Unit continues to operate as of March 15, 2017.
4. Unit retired on March 16, 2017.



# SECTION V

## Load & Capacity Schedule



2017 Load & Capacity Data Report

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## Section V

This section provides a summary of NYCA load and capacity from 2016 through 2027. Table V-1 is a summary of Net Capacity Purchases (MW) from External Control Areas from 2017 through 2027. Table V-2a is a summary of the NYCA Load and Capacity Schedule for the Summer Capability Period from 2016 through 2027. Table V-2b is a summary of the NYCA Load and Capacity Schedule for the Winter Capability Period from 2016/2017 through 2027/2028. 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 1,192 MW of summer capacity and 792 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 2017 Summer Capability Period is 38,266 MW. This value is the sum of existing facilities (38,777 MW), Special Case Resources (1,192 MW), and Net Generation Changes (-1,703 MW). With the inclusion of Net Capacity Purchases of 2,533 MW, the Total Resource Capability is 40,799 MW.

## 2017 Load & Capacity Data Report

### 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 Capacity Purchases	Positive values of net capacity purchases represent capacity that is imported to NYCA, after subtracting sales that are exported to other control areas
Unforced Capacity Deliverability Right (UDR)	Controllable transmission project that provides 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 Forecast
Adjusted Installed Reserve Percent	Adjusted Installed Reserve divided by Peak Demand Forecast 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

2017 Load & Capacity Data Report

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

**SUMMER NET CAPACITY PURCHASES (1, 2, 3)**

**MW**

<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
2,533.0	1,585.2	1,594.2	2,016.8	2,256.2	2,256.2	2,256.2	2,256.2	2,256.2	2,256.2	2,256.2

**WINTER NET CAPACITY PURCHASES (1, 2, 3)**

**MW**

<b>2017/18</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>2024/25</b>	<b>2025/26</b>	<b>2026/27</b>	<b>2027/28</b>
2,310.8	1,003.1	1,012.1	1,434.7	1,674.1	1,674.1	1,674.1	1,674.1	1,674.1	1,674.1	1,674.1

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

(2) - Figures include the election of Unforced Capacity Deliverability Rights (UDRs), External CRIS Rights, Existing Transmission Capacity for Native Load (ETCNL) elections, estimated First Come First Serve Rights (FCFSR), 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 2020, excluding wheel transactions from HQ to ISO-NE.

## 2017 Load & Capacity Data Report

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

<b><i>SUMMER CAPABILITY</i></b>	<b>2016</b>	<b>MW</b>										<b>Totals</b>	
		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>		<b>2027</b>
Steam Turbine (Oil)	825.4	815.5	815.5	815.5	815.5	815.5	815.5	815.5	815.5	815.5	815.5	815.5	815.5
Steam Turbine (Oil & Gas)	8422.0	8417.6	8417.6	8417.6	8417.6	8417.6	8417.6	8417.6	8417.6	8417.6	8417.6	8417.6	8417.6
Steam Turbine (Gas)	1381.5	1375.9	1482.2	1482.2	1482.2	1482.2	1482.2	1482.2	1482.2	1482.2	1482.2	1482.2	1482.2
Steam Turbine (Coal)	1017.3	1010.5	708.3	708.3	708.3	708.3	708.3	708.3	708.3	708.3	708.3	708.3	708.3
Combined Cycle (Oil & Gas)	7668.5	7702.7	7702.7	8452.3	8452.3	8452.3	8452.3	8452.3	8452.3	8452.3	8452.3	8452.3	8452.3
Combined Cycle (Gas)	1455.4	1486.7	1486.7	1486.7	1486.7	1486.7	1486.7	1486.7	1486.7	1486.7	1486.7	1486.7	1486.7
Jet Engine (Oil)	741.7	681.3	681.3	681.3	681.3	681.3	681.3	681.3	681.3	681.3	681.3	681.3	681.3
Jet Engine (Oil & Gas)	1127.5	1394.2	1394.2	1394.2	1394.2	1394.2	1394.2	1394.2	1394.2	1394.2	1394.2	1394.2	1394.2
Jet Engine (Gas)	234.0	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
Combustion Turbine (Oil)	985.6	978.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9
Combustion Turbine (Oil & Gas)	964.0	988.7	988.7	941.2	941.2	941.2	941.2	941.2	941.2	941.2	941.2	941.2	941.2
Combustion Turbine (Gas)	716.9	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6
Internal Combustion (Oil)	25.2	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
Internal Combustion (Oil & Gas)	29.2	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
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	0.0
Pumped Storage Hydro	1405.7	1406.8	1406.8	1406.8	1406.8	1406.8	1406.8	1406.8	1406.8	1406.8	1406.8	1406.8	1406.8
Steam (PWR Nuclear)	2632.9	2621.1	2041.7	2041.7	2041.7	2041.7	2041.7	2041.7	2041.7	2041.7	2041.7	2041.7	2041.7
Steam (BWR Nuclear)	2768.6	2754.2	1916.7	1916.7	1916.7	1916.7	1916.7	1916.7	1916.7	1916.7	1916.7	1916.7	1916.7
Conventional Hydro (5)	4315.0	4251.2	4251.2	4251.2	4251.2	4251.2	4251.2	4251.2	4251.2	4251.2	4251.2	4251.2	4251.2
Internal Combustion (Methane) (5)	105.7	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3
Steam Turbine (Wood) (5)	19.9	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
Steam Turbine (Refuse) (5)	255.7	218.6	218.6	237.6	237.6	237.6	237.6	237.6	237.6	237.6	237.6	237.6	237.6
Wind (5) (6)	1446.3	1739.5	1739.5	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4
Solar (5) (8)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
<b>EXISTING GENERATING FACILITIES</b>	<b>38575.5</b>	<b>38777.3</b>	<b>37074.5</b>	<b>37875.5</b>	<b>37875.5</b>	<b>37875.5</b>	<b>37875.5</b>	<b>37875.5</b>	<b>37875.5</b>	<b>37875.5</b>	<b>37875.5</b>	<b>37875.5</b>	<b>37875.5</b>
Special Case Resources - SCR (3)	1248.0	1191.8	1191.8	1191.8	1191.8	1191.8	1191.8	1191.8	1191.8	1191.8	1191.8	1191.8	1191.8
Additions and Upgrades (2)	0.0	106.3	848.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Noticed Deactivations (9)	-41.0	-1809.1	-47.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>NYCA RESOURCE CAPABILITY</b>	<b>39782.5</b>	<b>38266.3</b>	<b>39067.3</b>	<b>39067.3</b>	<b>39067.3</b>	<b>39067.3</b>	<b>39067.3</b>	<b>39067.3</b>	<b>39067.3</b>	<b>39067.3</b>	<b>39067.3</b>	<b>39067.3</b>	<b>39067.3</b>
Net Capacity Purchases (1) (7)	1769.1	2533.0	1585.2	1594.2	2016.8	2256.2	2256.2	2256.2	2256.2	2256.2	2256.2	2256.2	2256.2
<b>TOTAL RESOURCE CAPABILITY</b>	<b>41551.6</b>	<b>40799.3</b>	<b>40652.5</b>	<b>40661.5</b>	<b>41084.1</b>	<b>41323.5</b>	<b>41323.5</b>	<b>41323.5</b>	<b>41323.5</b>	<b>41323.5</b>	<b>41323.5</b>	<b>41323.5</b>	<b>41323.5</b>
<b><i>BASE FORECAST</i></b>													
<b>Peak Demand Forecast</b>		33178.0	33078.0	33035.0	32993.0	33009.0	33034.0	33096.0	33152.0	33232.0	33324.0	33398.0	33398.0
<b>Installed Reserve</b>		7621.3	7574.5	7626.5	8091.1	8314.5	8289.5	8227.5	8171.5	8091.5	7999.5	7925.5	7925.5
<b>Installed Reserve Percent (4)</b>		23.0	22.9	23.1	24.5	25.2	25.1	24.9	24.6	24.3	24.0	23.7	23.7
<b>Proposed Resource Changes (10)</b>		835.5	2239.6	4903.0	5935.4	5935.4	6910.4	6910.4	6910.4	6910.4	6910.4	6910.4	6910.4
<b>Adjusted Resource Capability</b>		41634.8	42892.1	45564.5	47019.5	47258.9	48233.9	48233.9	48233.9	48233.9	48233.9	48233.9	48233.9
<b>Adjusted Installed Reserve</b>		8456.8	9814.1	12529.5	14026.5	14249.9	15199.9	15137.9	15081.9	15001.9	14909.9	14835.9	14835.9
<b>Adjusted Installed Reserve Percent</b>		25.5	29.7	37.9	42.5	43.2	46.0	45.7	45.5	45.1	44.7	44.4	44.4

**954.8**  
**-1856.6**

## 2017 Load & Capacity Data Report

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

<b>WINTER CAPABILITY</b>	<b>2016/17</b>	<b>MW</b>											<b>Totals</b>	
		<b>2017/18</b>	<b>2018/19</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>2024/25</b>	<b>2025/26</b>	<b>2026/27</b>	<b>2027/28</b>		
Steam Turbine (Oil)	835.0	822.5	822.5	822.5	822.5	822.5	822.5	822.5	822.5	822.5	822.5	822.5	822.5	
Steam Turbine (Oil & Gas)	8449.8	8490.1	8490.1	8490.1	8490.1	8490.1	8490.1	8490.1	8490.1	8490.1	8490.1	8490.1	8490.1	
Steam Turbine (Gas)	1386.8	1385.5	1491.8	1491.8	1491.8	1491.8	1491.8	1491.8	1491.8	1491.8	1491.8	1491.8	1491.8	
Steam Turbine (Coal)	1032.3	1026.5	725.9	725.9	725.9	725.9	725.9	725.9	725.9	725.9	725.9	725.9	725.9	
Combined Cycle (Oil & Gas)	8856.1	8858.9	9549.5	9600.7	9600.7	9600.7	9600.7	9600.7	9600.7	9600.7	9600.7	9600.7	9600.7	
Combined Cycle (Gas)	1719.5	1755.7	1755.7	1755.7	1755.7	1755.7	1755.7	1755.7	1755.7	1755.7	1755.7	1755.7	1755.7	
Jet Engine (Oil)	889.7	812.3	812.3	812.3	812.3	812.3	812.3	812.3	812.3	812.3	812.3	812.3	812.3	
Jet Engine (Oil & Gas)	1335.5	1660.6	1660.6	1660.6	1660.6	1660.6	1660.6	1660.6	1660.6	1660.6	1660.6	1660.6	1660.6	
Jet Engine (Gas)	296.0	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	
Combustion Turbine (Oil)	1230.6	1216.0	1124.9	1124.9	1124.9	1124.9	1124.9	1124.9	1124.9	1124.9	1124.9	1124.9	1124.9	
Combustion Turbine (Oil & Gas)	1179.6	1215.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	
Combustion Turbine (Gas)	739.1	698.1	698.1	698.1	698.1	698.1	698.1	698.1	698.1	698.1	698.1	698.1	698.1	
Internal Combustion (Oil)	26.3	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	
Internal Combustion (Oil & Gas)	29.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	
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	0.0	
Pumped Storage Hydro	1403.5	1410.5	1410.5	1410.5	1410.5	1410.5	1410.5	1410.5	1410.5	1410.5	1410.5	1410.5	1410.5	
Steam (PWR Nuclear)	2653.2	2653.7	2073.1	2073.1	2073.1	2073.1	2073.1	2073.1	2073.1	2073.1	2073.1	2073.1	2073.1	
Steam (BWR Nuclear)	2781.5	2783.8	1933.3	1933.3	1933.3	1933.3	1933.3	1933.3	1933.3	1933.3	1933.3	1933.3	1933.3	
Conventional Hydro (5)	4291.2	4231.5	4231.5	4231.5	4231.5	4231.5	4231.5	4231.5	4231.5	4231.5	4231.5	4231.5	4231.5	
Internal Combustion (Methane) (5)	105.7	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	
Steam Turbine (Wood) (5)	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	
Steam Turbine (Refuse) (5)	256.3	223.6	246.1	246.1	246.1	246.1	246.1	246.1	246.1	246.1	246.1	246.1	246.1	
Wind (5) (6)	1446.3	1739.5	1739.5	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	
Solar (5) (8)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	
<b>EXISTING GENERATING FACILITIES</b>	<b>40994.7</b>	<b>41256.5</b>	<b>40204.1</b>	<b>40335.2</b>	<b>40335.2</b>	<b>40335.2</b>	<b>40335.2</b>	<b>40335.2</b>	<b>40335.2</b>	<b>40335.2</b>	<b>40335.2</b>	<b>40335.2</b>	<b>40335.2</b>	
Special Case Resources - SCR (3)	842.0	792.4	792.4	792.4	792.4	792.4	792.4	792.4	792.4	792.4	792.4	792.4	792.4	
Additions and Uprates (2)	0.0	819.4	131.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<b>950.5</b>
Noticed Deactivations (9)	-902.6	-1871.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<b>-1871.8</b>
<b>NYCA RESOURCE CAPABILITY</b>	<b>40934.1</b>	<b>40996.5</b>	<b>41127.6</b>	<b>41127.6</b>	<b>41127.6</b>	<b>41127.6</b>	<b>41127.6</b>	<b>41127.6</b>	<b>41127.6</b>	<b>41127.6</b>	<b>41127.6</b>	<b>41127.6</b>	<b>41127.6</b>	
Net Capacity Purchases (1) (7)	503.7	2310.8	1003.1	1012.1	1434.7	1674.1	1674.1	1674.1	1674.1	1674.1	1674.1	1674.1	1674.1	
<b>TOTAL RESOURCE CAPABILITY</b>	<b>41437.8</b>	<b>43307.3</b>	<b>42130.7</b>	<b>42139.7</b>	<b>42562.3</b>	<b>42801.7</b>	<b>42801.7</b>	<b>42801.7</b>	<b>42801.7</b>	<b>42801.7</b>	<b>42801.7</b>	<b>42801.7</b>	<b>42801.7</b>	
<b>BASE FORECAST</b>														
Peak Demand Forecast		24365.0	24294.0	24207.0	24090.0	24043.0	24023.0	24008.0	24007.0	24001.0	24001.0	24000.0	24000.0	
Installed Reserve		18942.3	17836.7	17932.7	18472.3	18758.7	18778.7	18793.7	18794.7	18800.7	18800.7	18801.7	18801.7	
Installed Reserve Percent (4)		77.7	73.4	74.1	76.7	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	

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### Notes for Table V-2 (Load and Capacity Schedule)

<p>(1) - Net Capacity Purchases - Positive values of Net Capacity Purchases represent capacity that is imported to NYCA, after subtracting capacity sales that are exported to other control areas.</p>
<p>(2) - Additions and Upgrades: Projects that have completed a Class Year Interconnection Facilities Study, as shown in Table IV-1.</p>
<p>(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.</p>
<p>(4) - The Installed Reserve Margin requirement determined by the NYSRC for the 2017-2018 Capability Year is 18.0%. The Installed Reserve Percent calculated in Table V-2a should be compared to the Installed Reserve Margin requirement in the 2017-2018 Capability Year.</p>
<p>(5) - The Renewable Category does not necessarily match the New York State Renewable Portfolio Standard (RPS) Definition.</p>
<p>(6) - Existing wind generators are listed at their full nameplate rating.</p>
<p>(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.</p>
<p>(8) - Existing solar generators are listed at their full nameplate rating.</p>
<p>(9) - Noticed deactivations as shown in Table IV-4. Existing Retirements in Table IV-3 are accounted for in the list of 2017 Existing Generating Facilities.</p>
<p>(10) - Proposed Resource Changes: Projects that have not completed a Class Year Interconnection Facilities Study, as shown in Table IV-1.</p>



# SECTION VI

## Existing Transmission Facilities



2017 Load & Capacity Data Report

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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 2017 Gold Book that includes this table is available to individuals with a *myNYISO* account. To access a version of the 2017 Gold Book that includes Table VI-1, please visit:

[https://www.nyiso.com/public/markets\\_operations/services/planning/documents/index.jsp](https://www.nyiso.com/public/markets_operations/services/planning/documents/index.jsp)

To obtain 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](http://www.nyiso.com/public/webdocs/markets_operations/services/customer_relations/CEII Request Form/CEII Request Form and NDA complete.pdf)

## 2017 Load & Capacity Data Report

### Table VI-2: Mileage of Existing Transmission Facilities

Facilities by kV Class Overhead (OH) Underground (UG)	115 kV		138 kV		230 kV		345 kV		500 kV	765 kV	150 kV DC	500 kV DC	Total	
	OH	UG	OH	UG	OH	UG	OH	UG	OH	OH	UG	UG		
CENTRAL HUDSON GAS & ELECTRIC CORPORATION	230.1	4.1	0.0	0.0	0.0	0.0	76.1	0.0	0.0	0.0			310.3	
CONSOLIDATED EDISON EDISON COMPANY OF NEW YORK, INC	0.0	0.0	21.7	208.9 (a)	0.5	0.0	405.3 (b) (i)	185.8 (h)	5.3	0.0			827.5	(b)
LONG ISLAND POWER AUTHORITY	0.0	0.0	243.9	161.5 (e)	0.0	0.0	0.0	9.3 (g)	0.0	0.0	24.0	66.0 (g)	504.7	
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			1,475.4	
NEW YORK STATE ELECTRIC & GAS CORPORATION	1,463.3	7.5	0.0	0.0	233.3	0.0	550.5	0.0	0.0	0.0			2,254.6	
NATIONAL GRID WESTERN, CENTRAL & EASTERN	4,126.8	24.0	0.0	0.0	498.4	20.2	687.8	0.4	0.0	0.0			5,357.6	
ORANGE AND ROCKLAND UTILITIES INC.	0.0	0.0	90.6	2.3 (a)	0.0	0.0	64.0 (b)	3.4 (d)	0.0	0.0			160.3	
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			275.6	
NEW YORK TRANSCO, LLC							11.8						11.8	
<b>TOTALS BY kV CLASS (c)</b>	<b>6,120.9</b>	<b>64.9</b>	<b>356.3</b>	<b>372.7</b>	<b>1,070.3</b>	<b>20.2</b>	<b>2,633.0</b>	<b>242.1</b>	<b>5.3</b>	<b>154.9</b>	<b>24.0</b>	<b>66.0</b>	<b>11,130.6</b>	<b>(c)</b>

TOTAL OVERHEAD	=	10,340.7	(c)
TOTAL UNDERGROUND	=	789.9	(c)
TOTAL	=	11,130.6	(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



## 2017 Load & Capacity Data Report

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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 2016 *Gold Book* are maintained on the list of proposed transmission projects for one year.

# 2017 Load & Capacity Data Report

## Table VII: Proposed Transmission Facilities

[Merchant Queue Position] / Project Notes	Transmission Owner	Terminals	Line Length In Miles (1)	Expected In-Service Date/Yr		Nominal Voltage In kV		# of ckt	Thermal Ratings (4)		Project Description / Conductor Size	Class Year / Type of Construction	
				Prior to (2)	Year	Operating	Design		Summer	Winter			
<b>Merchant Transmission Projects (18)</b>													
[358]	West Point Partners	Leeds 345kV	Buchanan North 345kV	72	W	2017	320	320	1	1000 MW	1000 MW	-/+ 320kV Bipolar HVDC cable	TBD
[458].15	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].20	Poseidon Transmission, LLC	Deans 500kV (PJM)	Ruland Road 138kV	82	S	2020	200	200	1	500 MW	500 MW	-/+ 200kV Monopole HVDC cable	2015
<b>TIP Projects (19) (Included In FERC 715 Base Case)</b>													
430	H.Q. Energy Services U.S. Inc.	Alcoa 115kV	Dennison 115kV	3	S	2019	115	115	1	246 MVA	301 MVA	Reconductor w/954 ACSR	N/A
<b>Firm Plans (5) (Included In FERC 715 Base Case)</b>													
3/6	CHGE	Pleasant Valley	Todd Hill	5.53	In-Service	2016	115	115	1	917	1282	Rebuild line with 1033 ACSR	OH
14	CHGE	Hurley Avenue	Leeds	Series Compensation	S	2019	345	345	1	2336	2866	21% Compensation	-
11	CHGE	St. Pool	High Falls	5.61	W	2020	115	115	1	1010	1245	1-795 ACSR	OH
11	CHGE	High Falls	Kerhonkson	10.03	W	2020	115	115	1	1010	1245	1-795 ACSR	OH
11	CHGE	Modena	Galeville	4.62	W	2020	115	115	1	1010	1245	1-795 ACSR	OH
11	CHGE	Galeville	Kerhonkson	8.96	W	2020	115	115	1	1010	1245	1-795 ACSR	OH
3/16	NY Transco	Rock Tavern	Sugarloaf	11.80	In-Service	2016	345	345	1	1971 MVA	2390 MVA	2-1590 ACSR	OH
3/16	ConEd	Goethals	Linden Co-Gen	-1.50	In-Service	2016	345	345	1	2500	2500	Feeder Separation	UG
3/16	ConEd	Goethals	Linden Co-Gen	1.50	In-Service	2016	345	345	1	1250	1250	Feeder Separation	UG
3/16	ConEd	Goethals	Linden Co-Gen	1.50	In-Service	2016	345	345	1	1250	1250	Feeder Separation	UG
3	ConEd	East 13th Street	East 13th Street	Reconfiguration	In-Service	2016	345	345	N/A	N/A	N/A	Reconfiguration (xfrm 16 -xfrm 17)	-
	ConEd	East 13th Street	East 13th Street	Reconfiguration	S	2017	345	345	N/A	N/A	N/A	Reconfiguration(xfrm 12 -xfrm 13)	-
	ConEd	East 13th Street	East 13th Street	Reconfiguration	S	2018	345	345	N/A	N/A	N/A	Reconfiguration(xfrm 14 -xfrm 15)	-
	ConEd	Greenwood	Greenwood	Reconfiguration	S	2018	138	138	N/A	N/A	N/A	Reconfiguration	-
	ConEd	Buchanan	Buchanan	Reconfiguration	S	2018	345	345	N/A	N/A	N/A	Reconfiguration	-
	ConEd	East 13th Street	East 13th Street	Reconfiguration	S	2019	345	345	N/A	N/A	N/A	Reconfiguration (xfrm 10 -xfrm 11)	-
	ConEd	Rainey	Corona	xfrm/Phase shifter	S	2019	345/138	345/138	1	268 MVA	320 MVA	xfrm/Phase shifter	UG
	LIPA	Northport	Northport (NNC PAR)	Bus Upgrade	S	2017	138	138	-	1920	1945	Bus Upgrade	-
	LIPA	Northport	Northport (138-681)	Bus Upgrade	S	2017	138	138	-	1515	1515	Bus Upgrade	-
	LIPA	Elwood	Elwood (138-681)	Bus Upgrade	S	2017	138	138	-	1515	1515	Bus Upgrade	-
	LIPA	Dunwoodie	Shore Road	Dynamic Rating	S	2017	345	345	-	1155	1306	Dynamic Rating Tools (Y50)	-
	LIPA	Northport	Pilgrim	Dynamic Rating	S	2017	138	138	-	n/a	n/a	Dynamic Rating Tools (138-677)	-
	LIPA	Northport	Pilgrim	Dynamic Rating	S	2017	138	138	-	n/a	n/a	Dynamic Rating Tools (138-679)	-
	LIPA	Northport	Pilgrim	Dynamic Rating	S	2017	138	138	-	n/a	n/a	Dynamic Rating Tools (138-672)	-
3	NGRID	New Scotland	Feura Bush	4.08	In-Service	2016	115	115	1	600	600	12.5% Series Reactor #9 Unionville	-
7	NGRID/NYSEG	Homer City	Five Mile Rd (New Station)	-152.3	RETIRED	2016	345	345	1	1013	1200	New Piercebook Station (First Energy)	OH
3/7	NGRID/NYSEG	Homer City	Farmers Valley	120.00	In-Service	2016	345	345	1	1013	1200	New Piercebook Station (First Energy)	OH
3/7	NGRID/NYSEG	Farmers Valley	Five Mile Rd (New Station)	31.00	In-Service	2016	345	345	1	1013	1200	New Piercebook Station (First Energy)	OH
3	NGRID	Huntley	Huntley	-	In-Service	2016	230	230	1	-	-	Install two 100MVAR cap banks	-
3	NGRID	Packard	Huntley 77	-	In-Service	2016	230	230	1	-	-	1.5% series reactor	-
3	NGRID	Packard	Huntley 78	-	In-Service	2016	230	230	1	-	-	1.5% series reactor	-
3	NGRID	Packard	Huntley 77	-	In-Service	2016	230	230	1	556 MVA	680 MVA	Conductor Clearance Upgrade to STE Rating	OH
3	NGRID	Edic 345kV	Edic 345kV	Reconfiguration	In-Service	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	-
	NGRID	Edic	Edic	xfrm	W	2017	345/115	345/115	2	505MVA	603MVA	Add Transformer for MVEdge (TR#5&#6)	-
	NGRID	Edic	Marcy Nanocenter	1.3	W	2017	115	115	2	556MVA	680MVA	New Circuit to Customer Station (MVEdge)	OH



## 2017 Load & Capacity Data Report

### 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		Nominal Voltage In kV		# of ckt	Thermal Ratings (4)		Project Description / Conductor Size	Class Year / Type of Construction
					Prior to (2)	Year	Operating	Design		Summer	Winter		
	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	Gardenville	Erie	0.30	W	2017	115	115	1	648	846	Replace 400CU and 636AL with 795 ACSR	
	NGRID	Oneida	Porter	Reactor	S	2018	115	115	1	-	-	Install reactor on Line #7; 8%	
	NGRID	Porter	Yahnundasis	Reactor	S	2018	115	115	1	-	-	Install reactor on Line #3; 12%	
	NGRID	Elm St	Elm St	xmfr	S	2018	230/23	230/23	1	118MVA	133MVA	Add a fourth 230/23kV transformer	
	NGRID	Eastover Road	Eastover Road	xmfr #2	S	2018	230/115	230/115	1	381MVA	466MVA	New/2nd 230/115kV Transformer	-
	NGRID	Menands	State Campus	5.00	W	2018	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	W	2018	115	115	1	808	856	Replace 2.1 miles of 4/0 Cu conductor with 795kcmil ACSR 26/7	OH
	NGRID	Dunkirk	Dunkirk	-	S	2019	115	115	1	-	-	Add second bus tie breaker	
	NGRID	Rotterdam	Curry Rd	7	S	2019	115	115	1	808	856	Replace 7.0 miles of mainly 4/0 Cu conductor with 795kcmil ACSR 26/7	
	NGRID	Gardenville 115kV	Gardenville 115kV	-	S	2019	-	-	-	-	-	Rebuild of Gardenville 115kV Station to full breaker and a half	
	NGRID	Spier	Rotterdam (#2)	-32.74	W	2019	115	115	1	1168	1416	New Lasher Rd Switching Station	OH
	NGRID	Spier	Lasher Rd (New Station) (#2)	21.69	W	2019	115	115	1	1168	1416	New Lasher Rd Switching Station	OH
	NGRID	Lasher Rd (New Station)	Rotterdam	11.05	W	2019	115	115	1	2080	2392	New Lasher Rd Switching Station	OH
	NGRID	Spier	Luther Forest (#302)	-34.21	W	2019	115	115	1	916	1070	New Lasher Rd Switching Station	OH
	NGRID	Spier	Lasher Rd (New Station) (#302)	21.72	W	2019	115	115	1	916	1118	New Lasher Rd Switching Station	OH
	NGRID	Lasher Rd (New Station)	Luther Forest	12.49	W	2019	115	115	1	990	1070	New Lasher Rd Switching Station	OH
	NGRID	South Oswego	Indeck (#6)	-	S	2020	115	115	1	-	-	Install High Speed Clearing on Line #6	
	NGRID	Gardenville	Dunkirk	20.5	S	2020	115	115	2	1105	1346	Replace 20.5 miles of 141 and 142 lines	OH
	NGRID	GE	Geres Lock	7.14	S	2020	115	115	1	-	-	Reconductoring 4/0CU & 336 ACSR to 477 ACCR (Line #8)	
	NGRID	Battenkill	Eastover Road	-22.72	S	2020	115	115	1	937	1141	New Schaghticoke Switching Station	OH
	NGRID	Battenkill	Schaghticoke (New Station)	14.31	S	2020	115	115	1	937	1141	New Schaghticoke Switching Station	OH
	NGRID	Schaghticoke (New Station)	Eastover Road	8.41	S	2020	115	115	1	937	1141	New Schaghticoke Switching Station	OH
	NGRID	Mohican	Luther Forest	-34.47	S	2020	115	115	1	937	1141	New Schaghticoke Switching Station	OH
	NGRID	Mohican	Schaghticoke (New Station)	28.13	S	2020	115	115	1	937	1141	New Schaghticoke Switching Station	OH
	NGRID	Luther Forest	Schaghticoke (New Station)	6.34	S	2020	115	115	1	1280	1563	New Schaghticoke Switching Station	OH
	NGRID	Gardenville 230kV	Gardenville 115kV	xmfr	S	2021	230/115	230/115	-	347 MVA	422 MVA	Replacement of 230/115kV TB#4 stepdown with larger unit	
380/16/3	NYP&A	Marcy	Coopers Corners	Series Comp	In-Service	2016	345	345	1	1776 MVA	1793 MVA	Installation of Series Compensation on UCC2-41	-
380/16/3	NYP&A	Edic	Fraser	Series Comp	In-Service	2016	345	345	1	1793 MVA	1793 MVA	Installation of Series Compensation on EF24-40	-
490/16/3	NYP&A	Marcy	Coopers Corners	SPS	In-Service	2016	345	345	1	-	-	SPS for Marcy South Series Compensation	
490/16/3	NYP&A	Edic	Fraser	SPS	In-Service	2016	345	345	1	-	-	SPS for Marcy South Series Compensation	
380/16/3	NYP&A	Fraser	Coopers Corners	Series Comp	In-Service	2016	345	345	1	1494 MVA	1793 MVA	Installation of Series Compensation on FCC33	-
251/7	NYP&A	Coopers Corners	Rock Tavern	-46.10	S	2017	345	345	1	3072	3768	New Dolson Avenue Ring Bus Station for CPV Valley project	OH
251/7	NYP&A	Coopers Corners	Dolson Avenue	32.21	S	2017	345	345	1	3000	3000	New Dolson Avenue Ring Bus Station for CPV Valley project	OH
251/7	NYP&A	Dolson Avenue	Rock Tavern	13.89	S	2017	345	345	1	3000	3000	New Dolson Avenue Ring Bus Station for CPV Valley project	OH
	NYP&A	Cumberland Head	Gordon Landing	1.63	W	2017	115	230	1	1147	1316	Replacement of PV-20 Submarine Cable	Under Water
	NYP&A	Moses	Moses	Cap Bank	W	2017	115	115	1	100 MVAR	100 MVAR	Cap Bank Installation to Replace Moses Synchronous Condensers	-
	NYP&A	Niagara	Niagara	GSU	W	2018	115/13.8	115/13.8	1	250 MVA	250 MVA	Replacement of Niagara GSU #5	OH
7	NYP&A	Niagara	Rochester	-70.20	W	2019	345	345	1	2177	2662	2-795 ACSR	OH
7	NYP&A	Niagara	Station 255 (New Station)	66.40	W	2019	345	345	1	2177	2662	2-795 ACSR	OH
7	NYP&A	Dysinger Tap	Rochester	-44.00	W	2019	345	345	1	2177	2662	2-795 ACSR	OH
7	NYP&A	Dysinger Tap	Station 255 (New Station)	40.20	W	2019	345	345	1	2177	2662	2-795 ACSR	OH
7	NYP&A	Station 255 (New Station)	Rochester	3.80	W	2021	345	345	1	2177	2662	2-795 ACSR	OH
16/3	NY Transco	Fraser	Coopers Corners	21.80	In-Service	2016	345	345	1	2500	3000	ACCR 1742-19 Reconductor	OH
3	NYSEG	Eelpot Road	Eelpot Road	xmfr	In-Service	2016	115/34.5	115/34.5	2	59.2MVA	66.9MVA	Transformer #2	-
	NYSEG	Stephentown	Stephentown	xmfr	S	2017	115/34.5	115/34.5	1	37 MVA	44MVA	Transformer #2	-
	NYSEG	Elbridge	State Street	14.50	S	2017	115	115	1	250 MVA	305 MVA	1033 ACSR	OH
6	NYSEG	Elbridge	State Street	14.50	S	2017	115	115	1	1255	1531	Reconductor 336.4 ACSR to 1194 KCM	OH
8	NYSEG	Wood Street	Katonah	11.70	W	2017	115	115	1	1079	1310	New 115kV Line	OH

## 2017 Load & Capacity Data Report

### 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		Nominal Voltage In kV		# of ckt	Thermal Ratings (4)		Project Description / Conductor Size	Class Year / Type of Construction
					Prior to (2)	Year	Operating	Design		Summer	Winter		
	NGRID	Schodack	Churchtown	-26.74	S	2018	115	115	1	937	1141	Line removal tapped by Falls Park Project	OH
	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)	17.91	S	2018	115	115	1	129MVA	156MVA	Tap to interconnect NG Line #15	OH
	NYSEG	Falls Park	Churchtown	9.68	S	2018	115	115	1	129MVA	156MVA	Tap to interconnect NG Line #16	OH
8	NYSEG	Falls Park	Falls Park	xfmr	S	2018	115/34.5	115/34.5	1	53MVA	59	Transformer #1	
	NYSEG	Wood Street	Carmel	1.34	W	2018	115	115	1	1079	1310	477 ACSR	OH
	NYSEG	Willet	Willet	xfmr	W	2018	115/34.5	115/34.5	1	39 MVA	44 MVA	Transformer #2	-
	NYSEG	Pawling	-	Cap Bank	S	2019	115	115	1	88MVAR	88MVAR	Capacitor Bank	-
	NYSEG	Watercure Road	Watercure Road	xfmr	S	2019	345/230	345/230	1	426 MVA	494 MVA	Transformer	-
	NYSEG	Flat Street	Flat Street	xfmr	S	2019	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	Gardenville	Gardenville	xfmr	S	2021	230/115	230/115	1	200 MVA	225 MVA	NYSEG Transformer #3 and Station Reconfiguration	-
	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	494MVA	527 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	-
3/16	O & R	Ramapo	Sugarloaf	16.00	In-Service	2016	345	345	1	3030	3210	2-1590 ACSR	OH
3/16	O & R	Sugarloaf	Sugarloaf	xfmr	In-Service	2016	345/138	345/138	1	562 MVA	562 MVA	Transformer	OH
3	O & R	O&R's Line #26	Sterling Forest	xfmr	In-Service	2016	138/69	138/69	1	214 MVA	214 MVA	Transformer	
7	O & R/ConEd	Buchanan	Buchanan	-9.5	W	2019	345	345	1	3000	3211	2-2493 ACAR	OH
7	O & R/ConEd	Ladentown	North Rockland (New Station)	5.5	W	2019	345	345	1	3000	3211	2-2493 ACAR	OH
7	O & R/ConEd	North Rockland (New Station)	Buchanan	4	W	2019	345	345	1	3000	3211	2-2493 ACAR	OH
	O & R	North Rockland (New Station)	Lovett	xfmr	W	2019	345/138	345/138	1	562 MVA	562 MVA	Transformer	-
	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 33	Station 262	2.97	W	2017	115	115	1	2008	2008	Underground Cable	UG
	RGE	Station 262	Station 23	1.46	W	2017	115	115	1	2008	2008	Underground Cable	UG
	RGE	Mortimer	Station 251 (Upgrade Line #901)	1.00	S	2019	115	115	1	400MVA	400MVA	Line Upgrade	
	RGE	Station 23	Station 23	xfmr	S	2018	115/11.5/11.5	115/11.5/11.5	2	75 MVA	84 MVA	Transformer	-
	RGE	Station 23	Station 23	xfmr	W	2018	115/34.5	115/34.5	2	75 MVA	84 MVA	Transformer	-
	RGE	Station 42	Station 23	Phase Shifter	W	2018	115	115	1	253 MVA	253 MVA	Phase Shifter	-
	RGE	Station 262	Station 262	xfmr	S	2019	115/34.5	115/34.5	1	56 MVA	63 MVA	Transformer	-
	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 122-Pannell-PC1	Station 122-Pannell-PC1		S	2019	345	345	1	1314 MVA-LTE	1314 MVA-LTE	Relay Replacement	
	RGE	Station 122-Pannell-PC2	Station 122-Pannell-PC2		S	2019	345	345	1	1314 MVA-LTE	1314 MVA-LTE	Relay Replacement	
	RGE	Station 82	Station 251 (Upgrade Line #902)		W	2019	115	115	1	400MVA	400MVA	Line Upgrade	
	RGE	Station 255 (New Station)	Rochester	3.80	W	2021	345	345	1	2177	2662	2-795 ACSR	OH
	RGE	Station 255 (New Station)	Station 255 (New Station)	xfmr	W	2021	345/115	345/115	1	400 MVA	450 MVA	Transformer	-
	RGE	Station 255 (New Station)	Station 255 (New Station)	xfmr	W	2021	345/115	345/115	2	400 MVA	450 MVA	Transformer	-
	RGE	Station 255 (New Station)	Station 418	9.60	W	2021	115	115	1	1506	1807	New 115kV Line	OH
	RGE	Station 255 (New Station)	Station 23	11.10	W	2021	115	115	1	1506	1807	New 115kV Line	OH+UG

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## 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		Nominal Voltage In kV		# of ckt	Thermal Ratings (4)		Project Description / Conductor Size	Class Year / Type of Construction
					Prior to (2)	Year	Operating	Design		Summer	Winter		
<b>Non-Firm Plans (not included in 2017 Base Cases)</b>													
	CHGE	Hurley Ave	Saugerties	11.40	W	2019	69	115	1	1114	1359	1-795 ACSR	OH
	CHGE		North Catskill	12.46	W	2019	69	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	2018	138	138	1	1399	1709	1192ACSR	OH
13	LIPA	Valley Stream	East Garden City	7.00	S	2021	138	138	1	TBD	TBD	TBD	TBD
13	LIPA	Shore Rd	Syosset	11.00	S	2027	138	138	1	TBD	TBD	TBD	UG
13	LIPA	Shore Rd	Syosset	Phase Shifter	S	2027	138	138	1	TBD	TBD	Phase Shifter	-
13	LIPA	Riverhead	Canal	16.40	S	2020	138	138	1	846	973	2368 KCMIL (1200 mm <sup>2</sup> ) Copper XLPE	UG
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
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	2020	115	115	1	N/A	N/A	Reconfiguration of Station	-
	NGRID	Elbridge	Elbridge	Reactor	W	2020	115	115	1			Add five reactors to correct WoS issues	-
	NGRID	Gardenville 230kV	Gardenville 115kV	xfmr	S	2022	230/115	230/115	-	347 MVA	422 MVA	Replacement of 230/115kV TB#3 stepdown with larger unit	-
3	NYPA	Moses	Moses	GSU	In-Service	2016	230/13.8/13.8	230/13.8/13.8	1	TBD	TBD	Replacement of St. Lawrence Hydro Unit GSU #6	-
	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 #8	-
	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	Astoria Annex	Astoria Annex	Shunt Reactor	S	2018	345	345	1	TBD	TBD	Replacement of Two Shunt Reactors at Astoria Annex 345kV Substation	-
	NYPA	Niagara	Niagara	GSU	W	2018	115/230	115/230	1	TBD	TBD	Installation of a new 230/115kV dual voltage GSU	-
7	NYSEG	South Perry	Meyer	20.00	S	2018	230	230	1	1080	1310	795 ACSR	OH
7	NYSEG	Wethersfield	Meyer	-31.50	S	2018	230	230	1	1080	1310	795 ACSR	OH
7	NYSEG	Wethersfield	South Perry	11.50	S	2018	230	230	1	1080	1310	795 ACSR	OH
	NYSEG	South Perry	South Perry	xfmr	S	2018	230/115	230/115	1	225 MVA	240 MVA	Transformer	-
	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	-
	O & R	Harings Corner (RECO)	West Norwood (NY)	-	W	2018	69	69	1	1096	1314	Three-way switch station	OH
	O & R	Burns	Corporate Drive	5.00	W	2019	138	138	1	1980	2120	1272 ACSS	OH
	O & R	West Nyack	West Nyack	-	S	2021	138	138	1			Station Reconfiguration	-
	O & R	Ramapo (NY)	South Mahwah (RECO)	5.50	W	2021	138	138	2	1980	2120	1272 ACSS	-
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	Montvale (RECO)	-	Cap Bank	S	2024	69	69	1	32 MVAR	32 MVAR	Capacitor bank	-
	O & R	Ramapo	Sugarloaf	17.00	W	2024	138	138	1	1980	2120	1272 ACSS	OH

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### 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	Deleted
11	Upgrade of existing 69 kV to 115 kV operation
12	Deleted
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	The Merchant Transmission Project Queue #458 includes, as an elective System Upgrade Facility, an Astoria-Rainey 345kV cable
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	Deleted
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	Transmission Interconnection Procedures (TIP) projects included in the FERC 715 base case are those which (1) have met the inclusion rules set forth in Section 25.5.5.1 of Attachment S to the NYISO’s OATT and (2) for cross border projects in both the NYISO queue and a neighboring RTO or ISO queue, have (a) met the inclusion rules set forth in Section 25.5.5.1 of Attachment S to the NYISO’s OATT; and (b) met the inclusion rules for the most recent cases developed by the NERC Multiregional Modeling Working Group
20	This projected is included in the FERC 715 base case as it has met the inclusion rules set forth in Section 25.5.5.1 of Attachment S to the OATT

## 2017 Load & Capacity Data Report

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The New York System Operator (NYISO) is a not-for-profit corporation responsible for operating the state's bulk electricity grid, administering New York's competitive wholesale electricity markets, conducting comprehensive long-term planning for the state's electric power system, and advancing the technological infrastructure of the electric system serving the Empire State.



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