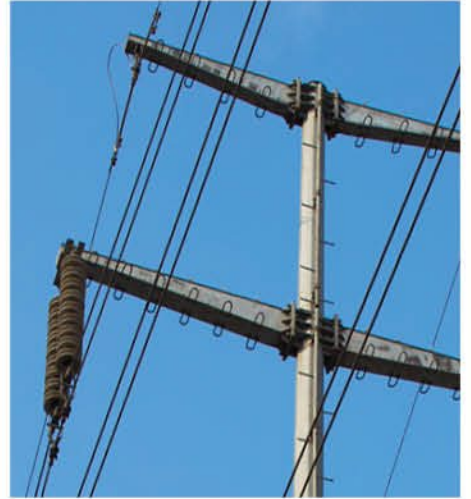


2025 Load & Capacity Data



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

Gold Book



2025 Load & Capacity Data Report

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2025 Load & Capacity Data Report

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Overview

In this *Load and Capacity Data* report (“*Gold Book*”), the New York Independent System Operator, Inc. (“NYISO”) presents load and capacity data for 2025 and future years. Energy and peak forecasts are provided through 2055 by NYISO Load Zone (referenced in the rest of this document as “Zone”) and for the New York Control Area (“NYCA”).¹ Generating capacity is projected through 2035. The information reported in this report is current as of March 15, 2025, unless otherwise noted. The seven sections of this *Gold Book* address the following topics:

- Historical and forecast seasonal peak demand and energy usage, and energy efficiency, electrification, and other distributed energy resources and load-modifying 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, scenario forecasts, and historical data on annual energy and seasonal peak demand in the NYCA. The baseline and scenario forecasts are based on information obtained from the New York State Department of Public Service (“DPS”), the New York State Energy Research and Development Authority (“NYSERDA”), state power authorities, Transmission Owners, the U.S. Energy Information Administration, Moody’s Analytics, and Itron. The baseline and scenario forecasts are prepared by the NYISO and may consider information and forecasts provided by Transmission Owners for their respective territories.

The baseline forecasts, which report the expected NYCA load, include the projected impacts of energy efficiency programs, building codes and appliance standards, distributed energy resources, behind-the-meter (“BTM”) energy storage, BTM solar photovoltaic (“PV”) power, electric vehicle (“EV”) usage, and electrification of space heating and other end uses. The baseline forecasts also incorporate projected load increases from existing and future large load projects interconnecting to the transmission system. Zonal forecasts extend through 2055 for studies that use longer time horizons.

The following table summarizes NYCA baseline energy and seasonal peak demand forecast growth rates, and compares them with last year’s forecast reported in the 2024 *Gold Book*:

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

	Average Annual Growth Rates											
	Baseline Energy Usage				Baseline Summer Peak Demand				Baseline Winter Peak Demand			
	Years 1-30	Years 1-10	Years 11-20	Years 21-30	Years 1-30	Years 1-10	Years 11-20	Years 21-30	Years 1-30	Years 1-10	Years 11-20	Years 21-30
2024 Gold Book (2024-54)	1.9%	1.7%	2.5%	0.6%	0.7%	0.8%	0.9%	0.2%	3.7%	3.2%	4.7%	0.8%
2025 Gold Book (2025-55)	2.0%	1.7%	2.5%	1.0%	0.7%	1.0%	0.8%	0.3%	3.6%	2.7%	4.2%	1.4%

Over the forecast horizon, forecast growth rates in baseline energy and seasonal peak demand are largely similar to the 2024 *Gold Book* forecast. Baseline energy and seasonal peak demand increase significantly throughout the forecast period due to New York State electrification and decarbonization policies, principally the 2019 Climate Leadership and Community Protection Act (“CLCPA”), as well as the Clean Heat program, and the Advanced Clean Cars II and Clean Trucks regulations. The baseline forecast includes significant electrification via conversion to electric heating and electric non-weather sensitive appliances, along with significant growth in EV adoption. However, the baseline forecast does not assume the state meets its electrification policy targets. In the early forecast years, large load projects add significant growth to the annual energy and peak demand forecasts.

Over the course of the forecast horizon, significant load-reducing impacts occur due to energy efficiency initiatives and the growth of distributed BTM energy resources, such as solar PV. These impacts result primarily from New York State’s energy policies and programs, including the Clean Energy Standard (“CES”), the NY-Sun initiative, the energy storage initiative, and other NYPSC and NYSERDA programs.

The NYISO employs a multi-stage process to develop load forecasts for each of the eleven Zones within the NYCA. In the first stage, baseline energy and peak models are developed based on projections of end-use intensities and economic variables. End-use intensities modeled include those for lighting, refrigeration, cooking, water heating, space heating and cooling, miscellaneous plug loads, and others. Appliance end-use intensities are generally defined as the product of saturation levels (average number of units per household or commercial square foot) and efficiency levels (energy usage per unit or a similar measure). End-use intensities specific to New York are estimated from appliance saturation and efficiency levels in both the residential and commercial sectors. These intensities include the projected impacts of energy efficiency programs and improved building codes and appliance standards. Economic and demographic variables considered include population, number of households, total employment, Gross Domestic Product (“GDP”), and real personal income. Projected long-term weather trends from the NYISO

*Climate Change Impact Study Phase I*² are included in the end-use models. In the second stage, the incremental impacts of additional policy-driven energy efficiency, BTM solar PV, and distributed generation are deducted from the forecast, and the incremental impacts of electric vehicle usage, building electrification, and discrete large loads are added to the forecast. The impacts of net electricity consumption of energy storage resources due to charging and discharging are added to the energy forecasts, while the peak-reducing impacts of BTM energy storage resources are deducted from the peak forecasts. In developing seasonal peak forecasts, NYISO aggregates hourly load shapes (8,760 hours per year) for base load, load-modifying technologies, and end-uses on a zonal basis.

This *Gold Book* contains two scenario forecasts: the Lower Demand Scenario and the Higher Demand Scenario. These scenarios contain differing forecast inputs on economic, electrification, and large load assumptions, such that their forecasts produce lower and upper bounds around the baseline forecast. The Higher Demand Scenario is meant to broadly reflect heating electrification and EV adoption levels commensurate with achievement of New York State policy targets. However, the higher demand scenario does not include the full peak-mitigating potential from factors such as managed EV charging and other flexible load and efficiency measures. Additional information and discussion on the scenario forecasts are included in Section I.

Generation and Other Capacity Resources

Table III-2 reports the summer and winter Dependable Maximum Net Capability (“DMNC”)³ for applicable generators and storage resources, along with the nameplate rating, Capacity Resource Interconnection Service (“CRIS”) rating, and annual energy generated in the year 2024, where applicable. Table III-2a reports this information for generators that participate in the NYISO’s markets, while Table III-2b reports applicable information for generators that do not participate in the NYISO’s markets, such as generators that operate solely as load modifiers. Section III contains additional information on the generation resources by Zone, fuel type and generation type.

The Total Resource Capability in the NYCA for the summer of 2025 is projected to be 40,910 MW, which is an increase of 38 MW compared to the information provided for summer 2024 in the 2024 *Gold Book*. This increase is due to the aggregate changes in existing NYCA generating capability, changes in

² NYISO *Climate Change Impact Study Phase I*: <https://www.nyiso.com/documents/20142/10773574/NYISO-Climate-Impact-Study-Phase1-Report.pdf>

³ The NYISO does not specify the fuel to be used in DMNC testing.

Special Case Resources (“SCR”), and changes in net purchases of capacity from other control areas. The projected total resource capability for summer 2025 includes:

- NYCA generating capability (37,654 MW);
- SCR (1,487 MW); and
- Net of long-term purchases and sales with neighboring control areas (1,769 MW).

The existing NYCA generating capability includes renewable resources totaling 7,757 MW of summer capability. This total includes conventional hydro (4,264 MW), land-based wind (2,454 MW), offshore wind (132 MW), grid-connected solar⁴ (573 MW), and other renewable resources (334 MW, including methane and refuse). For purposes of this report, references to renewable resources do not necessarily align with the New York State Clean Energy Standard definition.

Since the publication of the 2024 *Gold Book* in April 2024, there has been an increase of 451 MW in summer capability due to the addition of new generation and uprates to existing generation. Over the same period, there has been a decrease of 33 megawatts (MW) of summer capability due to generator deactivations and reclassification of units such that they are no longer subject to NYISO dispatch, and an additional decrease of 94 MW due to net ratings changes (primarily capability changes due to DMNC testing). As a result, existing net summer capability is 37,699 MW, an increase of 324 MW. These changes are summarized in Section II.

Changes are based on information received from generation owners that provided status changes since the 2024 *Gold Book*. These changes may include new generators, generators returning to service, generator outages and deactivations, the withdrawal of a notice of intent to deactivate, generator uprates, and restoration to full capacity operation.

Section IV describes potential changes in resource capability in the NYCA, including proposed additions of new generation, re-rates of currently operating units, and the deactivation of existing generators. Table IV-1a shows proposed generator additions and CRIS requests. Table IV-1b lists Transition Cluster Study participants. The total nameplate rating of proposed resources in Tables IV-1a and IV-1b includes:

- 4,169 MW of land-based wind,
- 7,029 MW of offshore wind,
- 10,440 MW of grid-connected solar,

⁴ Grid-connected solar refers to “front-of-the-meter” solar interconnected to the New York State Transmission System.

- 24,396 MW of energy storage, and
- 5,431 MW of co-located solar and storage projects.

Table IV-1a also identifies completed CRIS-only requests (not already reflected in Table III-2) totaling 3,982 MW across generation, transmission, and energy storage resources.

Tables IV-2 through IV-4 report on units that have planned updates in capability and units that are no longer in operation. Table IV-5 lists existing generators with a collective 48 MW of summer capability that have provided deactivation notices.

Table IV-6 lists potential generator status changes to comply with New York State rules and climate policy. In December 2019, the New York State Department of Environmental Conservation (“DEC”) adopted a final rule regulating ozone season NO_x emissions from simple-cycle combustion turbine generators (“Peaker Rule”).⁵ Table IV-6 also identifies New York Power Authority (“NYPA”) small plants which are scheduled to deactivate.⁶ Table IV-6 does not include proposed deactivations listed elsewhere in Section IV.

Section V provides a summary of NYCA projected capacity from 2025 through 2035. Information for Tables V-2a and V-2b is obtained from Tables III-2, III-3, IV-1 through IV-6, and V-1.

Transmission Facilities

Section VI lists existing transmission facilities (constructed for 115 kV and larger) in the NYCA, including new transmission facilities that came into service since the publication of the 2024 *Gold Book*.

Section VII reports proposed transmission facilities that include merchant projects as well as firm and non-firm projects submitted by Transmission Owners. Table VII includes major transmission projects such as the Smart Path Connect Project (“SPCP”), co-owned by National Grid and NYPA, Champlain-Hudson Power Express (“CHPE”) project to deliver hydropower from Canada directly to Queens, and Clean Path NY, which proposes to deliver renewable energy from upstate New York directly to New York City. Construction activities have begun on the CHPE project, with a projected in-service date of late-spring 2026.

⁵ DEC Peaker Rule (Subpart 227-3): <https://www.dec.ny.gov/regs/2492.html>

⁶ <https://legislation.nysenate.gov/pdf/bills/2023/S4006C> (Part QQ §5 on page 126)

Sections VI and VII also list the various components of the public policy transmission projects that have been selected by the NYISO Board of Directors.⁷ The AC Transmission Public Policy Segment A Double Circuit (LS Power Grid New York Corporation I (“LSP”) and NYPA), went into service in December, 2023. The Segment B (Knickerbocker-PV by National Grid and New York Transco) went into service in December 2023 with the exception of the Dover substation and Dover phase angle regulators scheduled to go in-service by Summer of 2025. The Alternate Solution 5 project proposed by NYPA and New York Transco, collectively Propel New York, was selected by the NYISO Board of Directors to meet the Long Island Offshore Wind Export Public Policy Transmission Need (“LI PPTN”). The required project in-service date is May 2030.

⁷ Under the NYISO’s Public Policy Transmission Planning Process, interested entities propose, and the NYPSC identifies, transmission needs driven by state or federal statutes or regulations related to transmission planning on the bulk power transmission system.) The NYISO then requests that interested entities submit proposed solutions to a public policy transmission need identified by the NYPSC and evaluates the viability and sufficiency of the proposed solutions to satisfy each identified need. The NYISO then evaluates and may select the more efficient or cost-effective transmission solution to each identified need.

Section I

Annual Energy & Peak Demand – Historical & Forecast

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Section I

Forecast Tables

This section reports historical and forecast energy and seasonal peak demand for the NYCA and by Zone. Zonal and system-level summary forecasts are provided for 30 years. Historical load values reflect the actual weather conditions experienced, while forecasted load values assume either expected or extreme weather conditions. Historical weather-normalized annual energy and seasonal peak demand is reported at the NYCA level in Table I-19. Projected long-term weather trends from the NYISO *Climate Change Impact Study Phase I* are included in the baseline and scenario forecasts. The baseline forecasts project the NYCA and zonal loads under expected future weather conditions, which include increasing temperature trends over the forecast horizon. The baseline forecasts account for the load-reducing impacts of energy efficiency programs, building codes, and appliance efficiency standards (Table I-8); behind-the-meter solar PV (Table I-9); and BTM non-solar distributed energy generation (Table I-10). The baseline forecasts also include the expected impacts of EV usage (Table I-11) and building electrification (Table I-13). The impacts of net electricity consumption of all energy storage resources are added to the baseline energy forecast, while the peak-reducing impacts of only BTM energy storage resources are deducted from the baseline peak forecasts (Table I-12). The baseline forecasts also include projected load increases from new and expanding large load projects (Table I-14).

Table I-1a reports the NYCA baseline energy and peak demand forecasts. System-level summary tables for annual baseline energy, summer peak, and winter peak are shown in Tables I-1b, I-1c, and I-1d respectively. These tables show the progression of the load forecast from the econometric forecast without expected efficiency gains to the baseline forecast incorporating all load-modifying impacts. Deductions due to end-use efficiency gains relative to the current and future end-use mix are listed first. The impacts of BTM generation, energy storage, electrification, and large loads follow in this progression.

Figures I-1, I-2, and I-3 show the baseline and scenario forecasts for NYCA annual energy, summer peak, and winter peak, respectively. Figure I-4 compares the baseline summer and winter peak forecasts. The NYISO is projected to become a winter peaking system in future decades due to electrification, primarily from space heating and EVs. The timing of a crossover to a dual-peaking or winter peaking system is uncertain, and mainly influenced by the timing and composition of heating electrification. The lower demand and higher demand scenario forecasts are summarized in Tables I-15 and I-16 respectively.

Historical and baseline forecast data for annual energy and seasonal peak demand are reported in Tables I-2 through I-5. The baseline peak forecasts are designed by the Transmission Owners at 67th

percentile weather conditions for the Con Edison and Orange and Rockland service territories, and at the 50th percentile in the remaining transmission districts.

Table I-6 shows the 90th and 10th percentile forecasts of annual energy due to weather variability. The 90th and 10th percentile energy forecasts are based on the historical distribution of weather-related impacts on annual energy usage.

Table I-7 shows the 90th, 10th, and 99th percentile baseline seasonal coincident peak demand forecasts due to weather variation. The 90th, 10th, and 99th percentile peak forecasts are based on the historical variation in peak day weather coupled with projected temperature trends. The 90th percentile summer peak forecast represents a warmer than expected summer peak day; while the 99th percentile forecast represents an extremely hot and humid summer peak day, well above the expected temperature. The 90th, 10th, and 99th percentile summer peak ratios used in this *Gold Book* are based on the Load Forecast Uncertainty (“LFU”) distributions reviewed by Load Forecasting Task Force (“LFTF”) and New York State Reliability Council (“NYSRC”) Installed Capacity Subcommittee (“ICS”) in spring 2023 & retained in spring 2024.

The 90th percentile winter peak forecast represents a colder than expected winter peak day; while the 99th percentile winter peak forecast represents an extremely cold winter peak day, well below the expected temperature. The 10th percentile forecasts represent milder than expected seasonal peak days, with cooler weather during the summer peak and warmer weather during the winter peak. The winter 90th, 10th, and 99th percentile ratios used in this *Gold Book* are based on the Dynamic Winter LFU distributions used in the 2024 *Reliability Needs Assessment* (“RNA”), which account for the increasing extreme weather sensitivity expected in future winters with the addition of EV charging and heating electrification loads.

All baseline and percentile forecasts include increasing temperature trends throughout the forecast horizon from the NYISO *Climate Change Impact Study Phase I* report. On average, the increasing temperature trend throughout the state is 0.7 degrees F per decade; and the trend differs by location, time of year, and time of day. Historical distributions of system peak day temperatures are reported in Table I-20.

The energy efficiency and codes and standards annual energy reductions listed in Table I-8a are separated into estimated historical impacts and forecasted impacts from programs and activities expected to occur from 2025 onwards. Tables I-8b and I-8c report the projected peak reductions due to the impacts of codes and standards and energy efficiency programs.

Table I-9a reports the forecast of installed nameplate capacity of BTM solar PV. Table I-9b lists the expected annual GWh energy reductions due to BTM solar. Table I-9c shows the expected reductions in the NYCA summer coincident peak by zone due to BTM solar. The actual impact of solar PV varies considerably by hour of day. The hour of the actual NYCA peak varies annually. Currently, the NYCA summer peak typically occurs in late afternoon. The NYCA summer peak will likely shift into the evening as additional BTM solar is added to the system, and as EV charging impacts increase during the evening hours. Because the hour of the summer peak shifts into the evening over the course of the forecast horizon, BTM solar generation becomes less coincident with the NYCA peak hour, and BTM solar coincident peak reductions are forecast to decrease in later years. The forecast of solar PV-related reductions to the winter peak is zero because the system typically peaks after sunset. Table I-9d lists the expected maximum hourly NYCA BTM solar generation by year, which typically occurs in the spring around the noon hour.

Table I-10a reports the forecast of installed nameplate capacity of BTM non-solar distributed generation. These resources include combined heat and power, anaerobic digesters, fuel cell facilities, small wind, and others. Table I-10a makes no projection of future participation of BTM distributed generation resources in the wholesale distributed energy resources market. Tables I-10b and I-10c list the projected annual energy and coincident peak reductions of these BTM resources.

Table I-11 lists the forecast of EV impacts, including EV annual energy usage (Table I-11b), EV summer coincident peak demand (Table I-11c), and EV winter coincident peak demand (Table I-11d). The baseline forecast assumes a stock of over six million EVs by 2040, including passenger vehicles, trucks, and school and transit buses. Table I-11a lists the assumed annual electric vehicle stock by type at the NYCA level. The baseline forecast assumes an increasing share of managed EV charging over the course of the forecast horizon.⁸ At this time, the NYISO does not assume potential supply by vehicle storage systems to the power system, known as Vehicle to Grid (“V2G”). Future policies for managing EVs could have beneficial impacts for the grid.

Table I-12 shows the forecast of nameplate capacity of BTM energy storage resources (Table I-12a), net annual electricity consumption of all energy storage resources (Table I-12b), and the peak-reducing impacts of BTM energy storage (Table I-12c). These tables do not include the installed nameplate capacity of existing pumped storage units (see Table 3-2 for current resources). Energy storage resources are split

⁸ Managed charging entails coordinating charging cycles with system conditions through use of smart meters, time of use rates, or other factors; while natural charging refers to the projected unconstrained charging behavior that would otherwise occur.

between transmission system, distribution system, and customer-sited storage. Customer-sited resources and certain distribution system resources are assumed to be behind-the-meter. Transmission system and most distribution system resources are assumed to participate in the wholesale market. The capacity forecast in Table I-12a reflects solely BTM storage resources.

BTM energy storage resources reduce peak demand on the system when they are injecting energy into the grid or supplying electricity to the customer's facility during the peak hour. Only a portion of installed resources are expected to be injecting energy into the grid or supplying electricity to customers during the NYCA summer and winter peak hours. BTM storage injecting during the peak hour reduces the measured NYISO demand, while wholesale market storage is dispatched by the NYISO similar to other generation in order to meet the load. Thus, while wholesale storage does not act to reduce the measured NYISO peak demand, when dispatched it does lessen the requirements of other wholesale generation during the peak hour. Peak demand reductions would be offset by increased demand in other hours during which energy storage resources are charging, resulting in a shifting of load across hours and an overall increase in load due to cycling losses. Both wholesale and BTM energy storage resources have relatively small positive net annual electricity consumption due to charging and discharging cycles (approximately 1% relative to the forecasted total load across the NYCA system in the outer forecast years).

Table I-13 shows the impact of future building electrification, which includes projected load increases due to electrification of residential households and commercial and industrial buildings. The building electrification energy and winter peak forecasts (Tables I-13a and I-13c) are largely driven by conversion of space heating from fossil fuel sources to electric heat pumps and other electric heating systems, including electric resistance heating; along with electrification of non-weather sensitive end-uses such as cooking and water heating. The baseline forecast assumes that roughly 75% of residential homes use primary electric space heating by 2050, with similar large-scale adoption in the commercial sector. The building electrification summer peak forecast (Table I-13b) is largely driven by electrification of non-weather sensitive appliance energy use coincident with the peak load hour. Increases in electric cooling from heat pumps are largely offset by decreasing saturations of central and room air conditioning. The building electrification tables do not include the impacts of EV charging, which are accounted for separately in Table I-11. Table I-13d compares the total NYCA annual energy electrification impacts by scenario, including the impacts of both EV and building electrification.

Table I-14 shows projected increases in annual energy and seasonal peak demand due to existing and future large load projects. Some large loads are expected to be flexible during the system peak and other high load hours, and reduce or minimize their load. The Flexible Load by Zone table reflects the potential

seasonal peak demand reductions from these projects.

Tables I-15 and I-16 summarize the Lower Demand and Higher Demand scenario forecasts.

Table I-17 shows the projected SCR and Emergency Demand Response Program (“EDRP”) enrollment. Table I-18 reports the date and hour of the NYCA system peak for the Summer and Winter Capability Periods from 1997 forward. Table I-19 reports historical weather normalized system annual energy and seasonal peak demand. Table I-20 reports the approximate distribution of zonal peak load design temperatures.

Load Forecast Scenarios

This Gold Book contains two scenario forecasts: the Lower Demand Scenario and Higher Demand Scenario. These scenarios contain differing forecast inputs on economic, electrification, and large load assumptions, such that their forecasts produce lower and upper bounds around the baseline forecast. The Higher Demand Scenario is meant to broadly reflect heating electrification and EV adoption levels commensurate with achievement of New York State policy targets. However, the higher demand scenario does not include the full peak-mitigating potential from factors such as managed EV charging and other flexible load and efficiency measures.

The Higher Demand Scenario assumes 100% light duty vehicle EV sales share in 2035, and sufficient building electrification consistent with the achievement of 2050 greenhouse gas emissions targets. The Higher Demand Scenario reflects a more natural or unmanaged EV charging shape. The Lower Demand Scenario assumes a slower EV adoption rate with a greater share of managed charging and a lower saturation of electric heating than the baseline forecast.

The Higher Demand Scenario assumes additional large load growth beyond that included in the baseline forecast, while the Lower Demand Scenario assumes reduced large load growth relative to the baseline forecast.

The BTM Solar, BTM Distributed Generation, and Energy Storage forecasts are consistent across all scenarios. The baseline and scenario forecasts meet the state policy target of 10,000 MW DC installed BTM solar before 2030. The storage capacity forecast includes only BTM resources, which reflect only a portion of the State’s energy storage targets. Storage targets are expected to be met largely through interconnecting wholesale energy storage projects.

The baseline forecast assumes expected economic conditions, including population and household decline in New York state during the later forecast years. The Higher Demand scenario econometric and EV and building electrification forecasts assume an increasing population and number of households over the duration of the forecast horizon, and stronger than expected economic growth. The Lower Demand scenario assumes weaker than expected economic growth.

The baseline forecast does not include any potential future load increases from low carbon fuel production (e.g., hydrogen production via electrolysis). The potential load growth from hydrogen production in future decades could be significant. For example, the Climate Action Council Integration Analysis scenarios⁹ assume that large-scale hydrogen production is needed in order to meet state decarbonization goals, specifically to address hard to electrify end-uses. Potential load growth from electrolysis (hydrogen production) is included in the Higher Demand Scenario forecast, discounted to reflect 100% LDV EV sales saturation with no zero-emission vehicle alternatives, and electrolysis projects already included in the large load forecast. Electrolysis production is assumed to be non-coincident with system peak electric demand.

The baseline and scenario forecasts generally do not include conversion of the Con Edison district steam system to electricity. Potential impacts on annual energy and seasonal peak demand due to the partial or full electrification of steam generation or steam customers' buildings could be significant, and NYISO continues to monitor prospective changes.¹⁰ The summer peak forecast does assume some limited increase in air conditioning demand (switching from the steam system).

Table I-15 shows a state-level summary of the Lower Demand Scenario forecast, and Table I-16 summarizes the Higher Demand Scenario forecast. Zonal forecasts for the policy scenarios are posted as Excel files on the NYISO website.¹¹

⁹ Climate Act Resources: <https://climate.ny.gov/Resources/Scoping-Plan>. Integration Analysis Scenario 2 assumes over 40,000 GWh of annual electricity usage in 2050 for in-state hydrogen production.

¹⁰ Any near-term impacts due to steam generation electrification or decarbonization demonstration projects are expected to be small, with no anticipated impacts over the next few years. The current winter peak electric forecast assumes no conversion of steam buildings to electric heat. No electrification of steam system boilers or installation of large industrial heat pumps are included in this forecast.

¹¹ Scenario forecast tables: <https://www.nyiso.com/library>

Load Scenario Summary

Forecast Component	Baseline Forecast	Lower Demand Scenario	Higher Demand Scenario
Weather Trends	Trended weather from NYISO Climate Change Impact Study - average NYCA temperature gain of approximately 0.7 degrees Fahrenheit per decade	Same as Baseline Forecast	Same as Baseline Forecast
Economic Assumptions	Baseline economic forecast - expected economic growth in the long run. Declining population and households in later forecast years - statewide population of about 18 million in 2050	Slower than baseline economic growth.	Faster than baseline economic growth. Increase in population and households over the forecast horizon - statewide population of nearly 21 million in the 2050s
Energy Efficiency (Table I-8)	Significant energy savings and peak reductions due to energy efficiency programs, codes & standards improvements, and building shell upgrades	Same as Baseline Forecast	Same as Baseline Forecast
BTM Solar PV (Table I-9)	Over 10,000 MW DC installed by 2029, and over 15,000 MW DC installed in 2050	Same as Baseline Forecast	Same as Baseline Forecast
BTM Non-Solar DG (Table I-10)	Approximately 600 MW installed non-solar BTM DG nameplate capacity by 2040. No assumption of future entry of resources into the wholesale DER market	Same as Baseline Forecast	Same as Baseline Forecast
Electric Vehicles (Table I-11)	75% LDV EV sales saturation in 2035. Over 6 million EVs (passenger vehicles, trucks and buses) on the road by 2040. Increasing share of managed charging over time	Slower EV sales saturation than baseline. Over 4 million EVs on the road by 2040. Reduced peak load impact due to increased managed charging	100% LDV EV sales saturation by 2035. Nearly 8 million EVs on the road in 2040. Increased peak load impact due to reduced managed charging
BTM Energy Storage (Table I-12)	Nearly 1,000 MW installed BTM nameplate capacity by 2030, and over 3,000 MW installed by 2050. Does not include wholesale storage resources which are expected to contribute significantly to State policy targets	Same as Baseline Forecast	Same as Baseline Forecast
Building Electrification (Table I-13)	Significant electrification of space heating and other end uses. Roughly 75% saturation of primary residential electric heating by 2050, including air source and ground source heat pumps, and electric resistance heating. As of 2024, estimated 86% fossil, 14% existing primary electric heat. As of 2050, 60% additional growth in primary electric heating to reach 74% saturation: * 35% full capacity ASHP * 15% ASHP with supplemental heat * 5% primary electric resistance heat * 5% Ground Source Heat Pumps ("GSHP") * 26% primary fossil fuel heating	Slower saturation of electric space heating and other end uses. Roughly 55% saturation of residential electric heating by 2050. As of 2024, estimated 86% fossil, 14% existing primary electric heat. As of 2050, 40% additional growth in primary electric heating to reach 54% saturation: * 24% full capacity ASHP * 10% ASHP with supplemental electric heat * 3% primary electric resistance heat * 3% GSHP * 46% primary fossil fuel heating	Very high saturation of electric space heating and other end uses. Nearly 95% saturation of residential electric heating by 2050. As of 2024, estimated 86% fossil, 14% existing primary electric heat. As of 2050, 80% additional growth in primary electric heating to reach 94% saturation: * 46% full capacity ASHP * 20% ASHP with supplemental electric heat * 7% primary electric resistance heat * 7% GSHP * 6% primary fossil fuel heating
Large Loads (Table I-14)	Expected load growth from certain large load projects in the NYISO IQ, along with impacts from projects not in the queue	Slower large load growth than the baseline forecast	Additional load growth from large load projects beyond that included in the baseline forecast
Electrolysis (Hydrogen Production)	No electrolysis	No electrolysis	Over 25,000 GWh annual energy impact in 2050. No peak load impact

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Table I-1a: NYCA Baseline Energy and Demand Forecasts*Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads***2025 Long Term Forecast¹ - 2025 to 2055****Energy - GWh**

Year	Low ³	Baseline ⁴	High ³
2024		151,556	
2025	151,720	152,400	153,170
2026	150,060	155,460	159,310
2027	149,510	157,220	165,540
2028	149,430	158,700	170,940
2029	149,350	160,370	176,410
2030	150,630	163,200	182,190
2031	151,580	165,640	186,920
2032	153,420	168,950	192,840
2033	154,400	171,430	198,090
2034	155,610	174,180	204,280
2035	157,210	177,740	211,960
2036	159,250	182,350	220,570
2037	160,810	186,730	229,590
2038	163,020	191,670	239,830
2039	165,470	196,660	250,170
2040	168,270	201,870	260,640
2041	170,550	206,040	270,280
2042	173,330	210,190	279,420
2043	176,500	214,610	288,730
2044	180,110	219,160	297,940
2045	183,100	222,550	305,910
2046	186,660	226,100	313,770
2047	190,070	229,180	320,850
2048	193,810	232,470	327,680
2049	196,770	234,680	333,230
2050	200,120	237,510	338,760
2051	202,580	239,310	342,460
2052	205,170	241,220	345,990
2053	206,770	242,090	348,390
2054	208,510	243,180	350,820
2055	209,970	244,100	353,000

Summer Peak Demand² - MW

Year	Low ³	Baseline ^{4, 5}	High ³
2024		31,264	
2025	31,430	31,471	31,550
2026	31,350	31,990	32,590
2027	31,340	32,280	33,450
2028	31,210	32,410	34,060
2029	31,160	32,620	34,670
2030	31,140	32,910	35,240
2031	31,110	33,190	35,710
2032	31,100	33,520	36,180
2033	31,110	33,870	36,700
2034	31,120	34,170	37,330
2035	31,130	34,500	38,110
2036	31,140	34,850	38,900
2037	31,160	35,180	39,700
2038	31,200	35,510	40,440
2039	31,230	35,810	41,200
2040	31,270	36,100	41,950
2041	31,300	36,400	42,780
2042	31,350	36,650	43,360
2043	31,390	36,920	43,980
2044	31,440	37,170	44,550
2045	31,480	37,400	45,000
2046	31,550	37,590	45,550
2047	31,620	37,740	46,110
2048	31,690	37,870	46,560
2049	31,740	37,980	46,960
2050	31,790	38,060	47,330
2051	31,830	38,150	47,680
2052	31,850	38,240	47,960
2053	31,880	38,310	48,190
2054	31,900	38,370	48,360
2055	31,920	38,430	48,560

Winter Peak Demand² - MW

Year	Low ³	Baseline ⁴	High ³
2024-25		24,030	
2025-26	23,890	24,200	24,350
2026-27	24,110	24,920	25,640
2027-28	24,230	25,330	26,630
2028-29	24,330	25,850	27,760
2029-30	24,530	26,410	28,720
2030-31	24,770	27,080	29,840
2031-32	24,990	27,730	31,090
2032-33	25,330	28,440	32,460
2033-34	25,880	29,210	34,220
2034-35	26,350	29,970	35,800
2035-36	26,860	30,850	37,770
2036-37	27,590	32,020	40,110
2037-38	28,370	33,370	42,590
2038-39	29,030	34,830	45,130
2039-40	29,750	36,280	47,810
2040-41	30,590	37,760	50,450
2041-42	31,380	39,080	53,240
2042-43	32,240	40,370	55,930
2043-44	33,220	41,690	58,440
2044-45	34,110	42,840	60,820
2045-46	35,120	43,930	63,180
2046-47	36,290	44,930	65,270
2047-48	37,420	45,890	67,190
2048-49	38,430	46,770	68,690
2049-50	39,480	47,450	70,240
2050-51	40,460	48,110	71,680
2051-52	41,220	48,720	72,740
2052-53	41,890	49,270	73,450
2053-54	42,490	49,700	74,270
2054-55	42,960	49,940	74,720
2055-56	43,300	50,000	75,190

Average Annual Growth - Percent

Period	Low	Baseline	High
2025-30	-0.14%	1.42%	3.79%
2020-35	0.87%	1.78%	3.27%
2035-40	1.41%	2.72%	4.59%
2040-45	1.76%	2.05%	3.47%
2025-35	0.36%	1.66%	3.84%
2035-45	1.65%	2.52%	4.43%
2045-55	1.47%	0.97%	1.54%
2025-45	1.03%	2.30%	4.99%
2025-55	1.28%	2.01%	4.35%

Period	Low	Baseline	High
2025-30	-0.18%	0.91%	2.34%
2020-35	-0.01%	0.97%	1.63%
2035-40	0.09%	0.93%	2.02%
2040-45	0.13%	0.72%	1.45%
2025-35	-0.10%	0.96%	2.08%
2035-45	0.11%	0.84%	1.81%
2045-55	0.14%	0.28%	0.79%
2025-45	0.01%	0.94%	2.13%
2025-55	0.05%	0.74%	1.80%

Period	Low	Baseline	High
2025-30	0.74%	2.38%	4.51%
2020-35	1.69%	2.78%	5.32%
2035-40	2.78%	4.48%	6.71%
2040-45	2.96%	3.27%	5.05%
2025-35	1.24%	2.75%	5.51%
2035-45	3.08%	4.24%	6.73%
2045-55	2.33%	1.38%	1.90%
2025-45	2.35%	4.08%	7.97%
2025-55	2.71%	3.55%	6.96%

Notes

- All results in the Section I tables include transmission & distribution losses.
- Summer Capability period is from May 1 to October 31. Winter Capability period is from November 1 of the current year to April 30 of the next year.
- The low and high columns reflect the Lower Demand and Higher Demand Scenario forecasts under expected weather conditions, which are summarized in Tables I-15 and I-16.
These do not reflect the 90th and 10th percentile forecasts due to weather, which are found in Tables I-6 and I-7.
- Energy and peak figures for 2024 are weather-normalized. The values for the actual annual energy, summer peak, and winter peak are reported in Tables I-2, I-3a, and I-3b respectively.
- The 2025 NYCA summer peak forecast is the same as the 2025 ICAP forecast.

Figure I-1: NYCA Energy Forecasts – Annual Energy, GWh

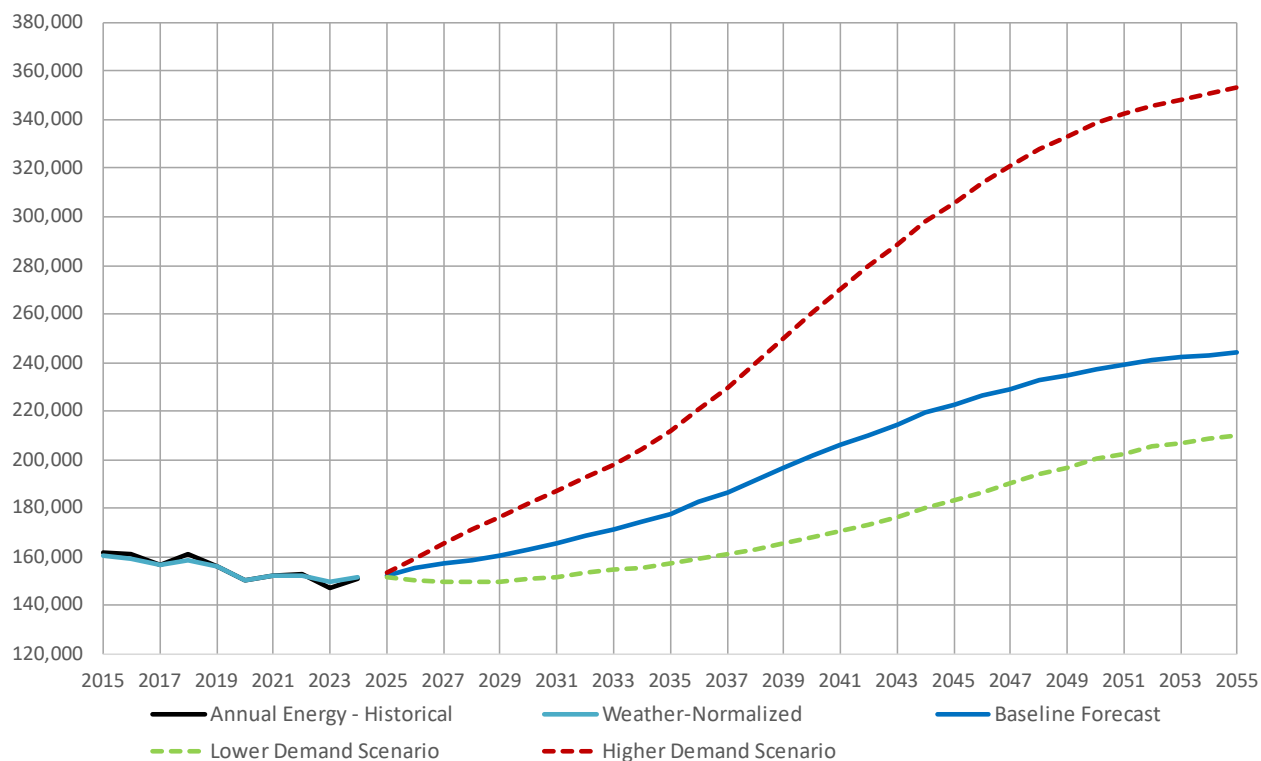


Figure I-2: NYCA Summer Peak Forecasts – Coincident Peak, MW

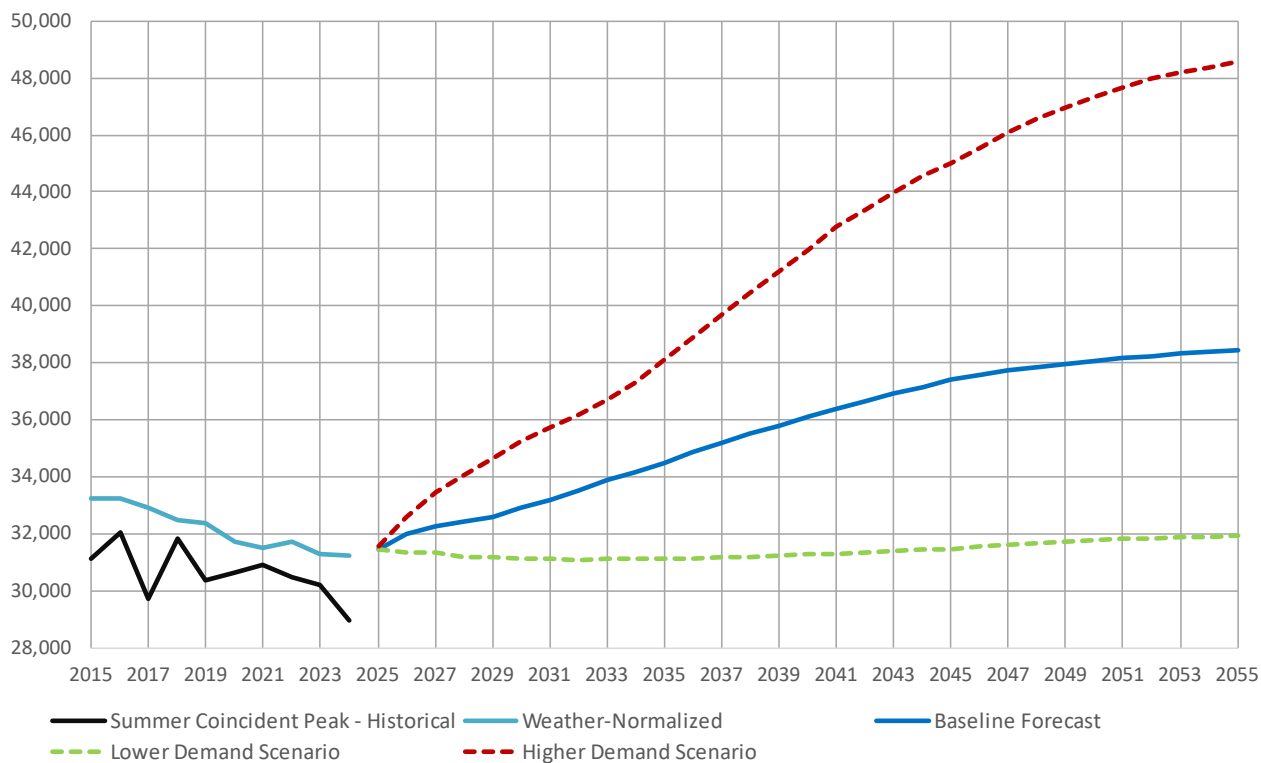


Figure I-3: NYCA Winter Peak Forecasts – Coincident Peak, MW

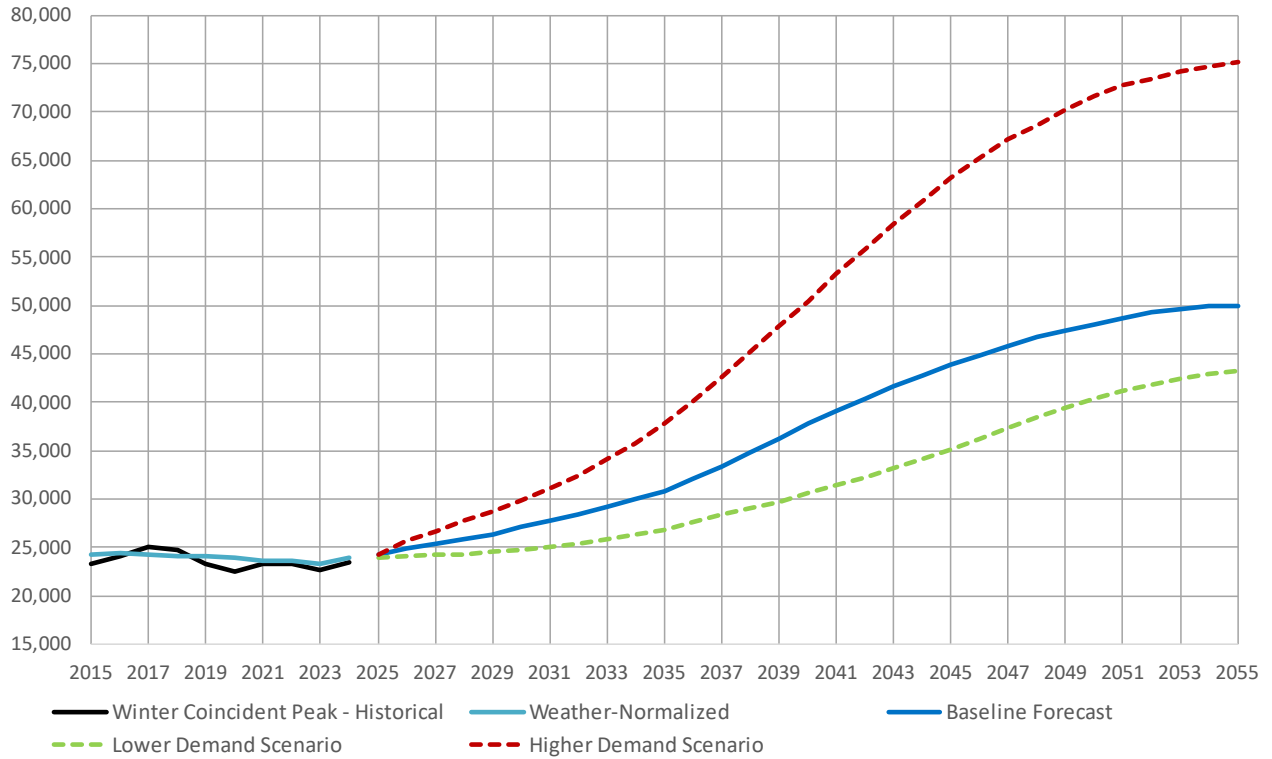


Figure I-4: NYCA Baseline Peak Forecast Comparison – Coincident Peak, MW

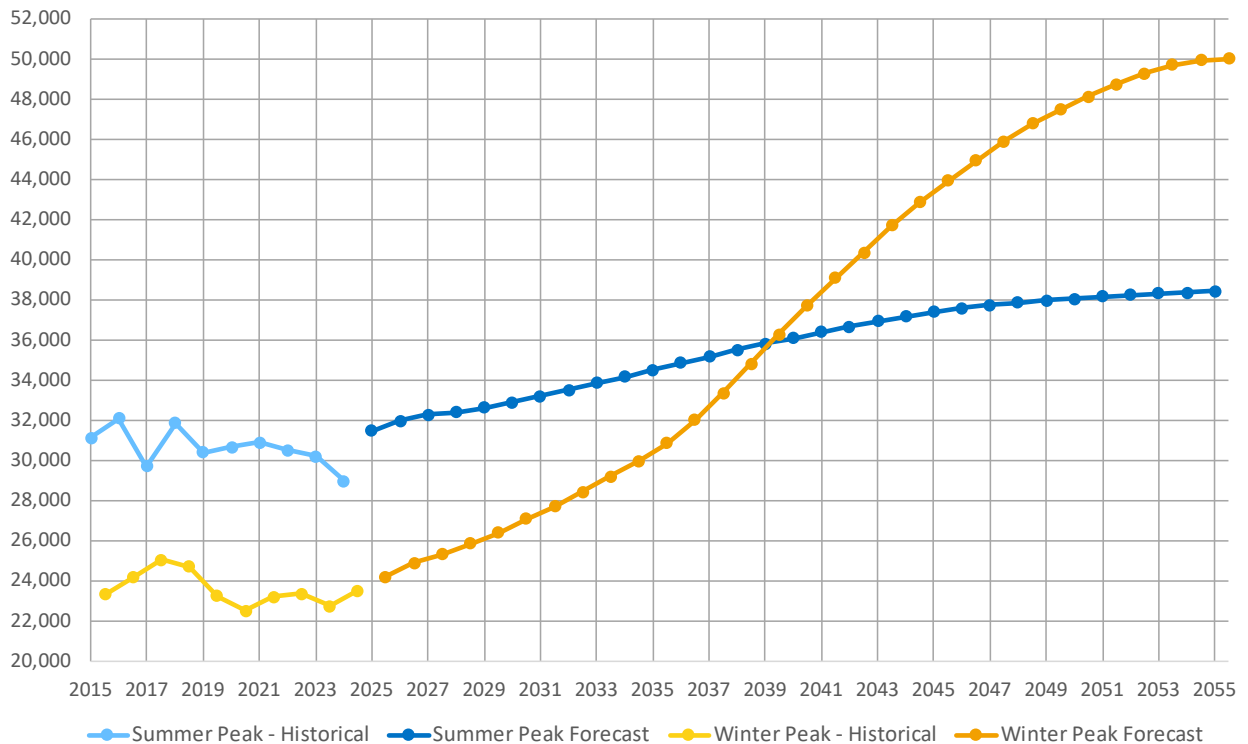


Table I-1b: Summary of NYCA Baseline Annual Energy Forecasts – GWh

Year	(a) Econometric Energy	(b) (-) EE and C&S	(c) (-) Solar PV, BTM	(d) (-) Non-Solar DG, BTM	(e) (+) Storage Net Energy Consumption	(f) (+) EV Energy	(g) (+) Building Electrification	(h) (+) Large Load Projects	(i) =a-b-c-d+e+f+g+h Baseline Annual Energy Forecast	(j) Forecast Prior to Large Load Growth
2025	158,607	1,740	8,071	1,987	117	1,353	411	3,710	152,400	152,400
2026	159,845	4,060	9,339	2,069	310	1,796	1,177	7,800	155,460	151,370
2027	160,768	5,980	10,464	2,137	551	2,383	1,979	10,120	157,220	150,810
2028	162,070	7,842	11,424	2,199	701	3,133	2,971	11,290	158,700	151,120
2029	162,755	9,662	12,241	2,257	820	4,067	3,998	12,890	160,370	151,190
2030	163,788	11,598	12,920	2,312	906	5,208	5,038	15,090	163,200	151,820
2031	164,867	13,383	13,524	2,368	992	6,579	6,097	16,380	165,640	152,970
2032	166,312	14,962	14,061	2,421	1,078	8,209	7,235	17,560	168,950	155,100
2033	166,498	16,409	14,531	2,466	1,163	10,128	8,447	18,600	171,430	156,540
2034	166,959	17,739	14,928	2,508	1,249	12,373	9,844	18,930	174,180	158,960
2035	167,616	18,961	15,235	2,549	1,333	14,984	11,352	19,200	177,740	162,250
2036	168,652	20,072	15,568	2,590	1,422	17,663	13,623	19,220	182,350	166,840
2037	168,892	21,069	15,869	2,629	1,508	20,392	16,245	19,260	186,730	171,180
2038	169,344	21,992	16,163	2,659	1,595	23,142	19,123	19,280	191,670	176,100
2039	169,949	22,906	16,448	2,680	1,682	25,889	21,874	19,300	196,660	181,070
2040	170,817	23,871	16,701	2,698	1,769	28,607	24,647	19,300	201,870	186,280
2041	170,945	24,787	16,947	2,708	1,857	31,277	27,103	19,300	206,040	190,450
2042	171,182	25,635	17,180	2,719	1,947	33,891	29,404	19,300	210,190	194,600
2043	171,809	26,421	17,389	2,731	2,036	36,433	31,573	19,300	214,610	199,020
2044	172,684	27,161	17,589	2,741	2,127	38,883	33,657	19,300	219,160	203,570
2045	172,780	27,825	17,788	2,752	2,215	41,213	35,407	19,300	222,550	206,960
2046	173,371	28,468	17,966	2,760	2,305	43,328	36,990	19,300	226,100	210,510
2047	173,840	29,108	18,132	2,767	2,394	45,215	38,438	19,300	229,180	213,590
2048	174,657	29,737	18,302	2,774	2,479	46,873	39,974	19,300	232,470	216,880
2049	174,824	30,313	18,456	2,782	2,566	48,311	41,230	19,300	234,680	219,090
2050	175,414	30,870	18,587	2,789	2,652	49,535	42,855	19,300	237,510	221,920
2051	176,000	31,434	18,735	2,796	2,735	50,351	43,889	19,300	239,310	223,720
2052	176,928	31,996	18,865	2,800	2,815	50,907	44,931	19,300	241,220	225,630
2053	177,070	32,529	18,989	2,804	2,898	51,378	45,766	19,300	242,090	226,500
2054	177,551	33,059	19,103	2,807	2,979	51,742	46,577	19,300	243,180	227,590
2055	178,045	33,596	19,207	2,811	3,058	51,978	47,333	19,300	244,100	228,510

(a) - Econometric Energy Forecast - Reflects impacts of projected weather trends and economic growth

(b) - Table I-8a: Energy Efficiency and Codes & Standards Energy Impacts, Relative to 2024

(c) - Table I-9b: Solar PV Impacts, Behind-the-Meter - Total Reductions in Annual Energy

(d) - Table I-10b: Non-Solar Distributed Generation Impacts, Behind-the-Meter - Total Reductions in Annual Energy

(e) - Table I-12b: Storage Annual Net Energy Consumption, both wholesale and behind-the-meter (pumped storage is not included - see Table III-2 for current resources)

(f) - Table I-11b: Electric Vehicle Energy Usage

(g) - Table I-13a: Building Electrification Energy Usage - future end-use electrification including heat pumps, water heating, cooking, and other end-uses

(h) - Table I-14: Large Loads Forecast - reflects existing plus future load growth

(i) - Table I-2: Baseline Annual Energy Forecast

(j) - Annual energy forecast with no additional large load growth beyond 2025

Table I-1c: Summary of NYCA Baseline Summer Coincident Peak Demand Forecasts – MW

Year	(a) Econometric Peak Demand	(b) (-) EE and C&S	(c) (-) Solar PV, BTM	(d) (-) Non-Solar DG, BTM	(e) (-) BTM Storage Peak Reductions	(f) (+) EV Peak Demand	(g) (+) Building Electrification	(h) (+) Large Load Projects	(i) =a-b-c-d-e+f+g+h Baseline Summer Peak Forecast	(j) Forecast Prior to Large Load Growth
2025	33,238	309	1,581	342	224	190	33	466	31,471	31,471
2026	33,640	729	1,657	354	281	270	78	1,023	31,990	31,433
2027	33,965	1,108	1,688	356	347	354	131	1,329	32,280	31,417
2028	34,175	1,481	1,683	365	412	489	187	1,500	32,410	31,376
2029	34,367	1,851	1,655	372	468	629	252	1,718	32,620	31,368
2030	34,537	2,225	1,631	380	541	822	323	2,005	32,910	31,371
2031	34,787	2,575	1,609	386	604	1,000	404	2,173	33,190	31,483
2032	34,975	2,889	1,585	394	662	1,247	492	2,336	33,520	31,650
2033	35,133	3,171	1,563	401	723	1,522	589	2,484	33,870	31,852
2034	35,235	3,434	1,543	409	780	1,875	697	2,529	34,170	32,107
2035	35,313	3,670	1,523	416	846	2,264	811	2,567	34,500	32,399
2036	35,424	3,887	1,501	423	912	2,642	935	2,572	34,850	32,744
2037	35,470	4,083	1,481	428	980	3,042	1,064	2,576	35,180	33,070
2038	35,556	4,258	1,462	432	1,046	3,387	1,185	2,580	35,510	33,396
2039	35,607	4,435	1,443	435	1,112	3,725	1,319	2,584	35,810	33,692
2040	35,636	4,607	1,425	438	1,168	4,079	1,438	2,585	36,100	33,981
2041	35,654	4,777	1,408	441	1,234	4,457	1,564	2,585	36,400	34,281
2042	35,706	4,916	1,390	443	1,306	4,752	1,662	2,585	36,650	34,531
2043	35,712	5,058	1,375	445	1,373	5,111	1,763	2,585	36,920	34,801
2044	35,737	5,176	1,354	446	1,450	5,429	1,845	2,585	37,170	35,051
2045	35,709	5,280	1,334	447	1,517	5,750	1,934	2,585	37,400	35,281
2046	35,767	5,382	1,314	448	1,585	5,970	1,997	2,585	37,590	35,471
2047	35,727	5,476	1,290	449	1,647	6,226	2,064	2,585	37,740	35,621
2048	35,774	5,565	1,266	450	1,706	6,374	2,124	2,585	37,870	35,751
2049	35,806	5,643	1,241	452	1,759	6,507	2,177	2,585	37,980	35,861
2050	35,831	5,719	1,212	452	1,811	6,599	2,239	2,585	38,060	35,941
2051	35,904	5,792	1,186	454	1,855	6,668	2,280	2,585	38,150	36,031
2052	35,990	5,864	1,157	454	1,898	6,724	2,314	2,585	38,240	36,121
2053	36,045	5,933	1,129	454	1,935	6,757	2,374	2,585	38,310	36,191
2054	36,100	5,998	1,099	454	1,972	6,778	2,430	2,585	38,370	36,251
2055	36,183	6,066	1,067	454	2,007	6,793	2,463	2,585	38,430	36,311

- (a) - Econometric Summer Peak Demand - Reflects impacts of projected weather trends and economic growth
(b) - Table I-8b: Energy Efficiency and Codes & Standards Summer Coincident Peak Demand Reductions, Relative to 2024
(c) - Table I-9c: Solar PV Impacts, Behind-the-Meter, Total Reductions in Summer Coincident Peak Demand
(d) - Table I-10c: Non-Solar Distributed Generation Impacts, Behind-the-Meter, Total Reductions in Coincident Peak Demand
(e) - Table I-12c: Storage Impacts, Behind-the-Meter, Reductions in Coincident Peak Demand (pumped storage is not included - see Table III-2 for current resources)
(f) - Table I-11c: Electric Vehicle Summer Coincident Peak Demand
(g) - Table I-13b: Building Electrification Summer Coincident Peak Demand - future end-use electrification including heat pumps, water heating, cooking, and other end-uses
(h) - Table I-14: Large Loads Forecast - reflects existing plus future load growth
(i) - Table I-3a: Baseline Summer Coincident Peak Demand Forecast
(j) - Summer peak demand forecast with no additional large load growth beyond summer 2025

Table I-1d: Summary of NYCA Baseline Winter Coincident Peak Demand Forecasts – MW

Year	(a) Econometric Peak Demand	(b) (-) EE and C&S	(c) (-) Solar PV, BTM	(d) (-) Non-Solar DG, BTM	(e) (-) BTM Storage Peak Reductions	(f) (+) EV Peak Demand	(g) (+) Building Electrification	(h) (+) Large Load Projects	(i) =a-b-c-d-e+f+g+h Baseline Winter Peak Forecast	(j) Forecast Prior to Large Load Growth
2025-26	24,011	249	0	342	224	405	121	478	24,200	24,200
2026-27	24,182	590	0	354	281	508	360	1,095	24,920	24,303
2027-28	24,266	880	0	356	347	635	665	1,347	25,330	24,461
2028-29	24,387	1,164	0	365	412	823	1,014	1,567	25,850	24,761
2029-30	24,448	1,448	0	372	468	1,043	1,385	1,822	26,410	25,066
2030-31	24,547	1,752	0	380	541	1,328	1,772	2,106	27,080	25,452
2031-32	24,609	2,043	0	386	604	1,708	2,177	2,269	27,730	25,939
2032-33	24,665	2,313	0	394	662	2,099	2,623	2,422	28,440	26,496
2033-34	24,725	2,569	0	401	723	2,510	3,109	2,559	29,210	27,129
2034-35	24,779	2,816	0	409	780	2,918	3,678	2,600	29,970	27,848
2035-36	24,822	3,056	0	416	846	3,404	4,306	2,636	30,850	28,692
2036-37	24,859	3,286	0	423	912	3,911	5,231	2,640	32,020	29,858
2037-38	24,909	3,510	0	428	980	4,422	6,313	2,644	33,370	31,204
2038-39	24,943	3,730	0	432	1,046	4,926	7,522	2,647	34,830	32,661
2039-40	24,984	3,953	0	435	1,112	5,437	8,709	2,650	36,280	34,108
2040-41	25,016	4,191	0	438	1,168	5,958	9,932	2,651	37,760	35,587
2041-42	25,037	4,412	0	441	1,234	6,424	11,055	2,651	39,080	36,907
2042-43	25,053	4,631	0	443	1,306	6,907	12,139	2,651	40,370	38,197
2043-44	25,105	4,844	0	445	1,373	7,404	13,192	2,651	41,690	39,517
2044-45	25,120	5,053	0	446	1,450	7,784	14,234	2,651	42,840	40,667
2045-46	25,142	5,249	0	447	1,517	8,194	15,156	2,651	43,930	41,757
2046-47	25,166	5,453	0	448	1,585	8,573	16,026	2,651	44,930	42,757
2047-48	25,188	5,655	0	449	1,647	8,946	16,856	2,651	45,890	43,717
2048-49	25,197	5,854	0	450	1,706	9,190	17,742	2,651	46,770	44,597
2049-50	25,210	6,049	0	452	1,759	9,327	18,522	2,651	47,450	45,277
2050-51	25,232	6,230	0	452	1,811	9,468	19,252	2,651	48,110	45,937
2051-52	25,239	6,415	0	454	1,855	9,587	19,967	2,651	48,720	46,547
2052-53	25,235	6,599	0	454	1,898	9,667	20,668	2,651	49,270	47,097
2053-54	25,259	6,780	0	454	1,935	9,705	21,254	2,651	49,700	47,527
2054-55	25,269	6,965	0	454	1,972	9,753	21,658	2,651	49,940	47,767
2055-56	25,335	7,155	0	454	2,007	9,780	21,850	2,651	50,000	47,827

- (a) - Econometric Winter Peak Demand - Reflects impacts of projected weather trends and economic growth
(b) - Table I-8c: Energy Efficiency and Codes & Standards Winter Coincident Peak Demand Reductions, Relative to 2024-25
(c) - The forecast of solar PV-related reductions to the winter peak is zero because the system typically peaks after sunset
(d) - Table I-10c: Non-Solar Distributed Generation Impacts, Behind-the-Meter, Total Reductions in Coincident Peak Demand
(e) - Table I-12c: Storage Impacts, Behind-the-Meter, Reductions in Coincident Peak Demand (pumped storage is not included - see Table III-2 for current resources)
(f) - Table I-11d: Electric Vehicle Winter Coincident Peak Demand
(g) - Table I-13c: Building Electrification Winter Coincident Peak Demand - future end-use electrification including heat pumps, water heating, cooking, and other end-uses
(h) - Table I-14: Large Loads Forecast - reflects existing plus future load growth
(i) - Table I-3b: Baseline Winter Coincident Peak Demand Forecast
(j) - Winter peak demand forecast with no additional large load growth beyond winter 2025-26

Table I-2: Baseline Annual Energy, Historical & Forecast

Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
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
2017	15,261	9,775	15,819	4,322	7,761	11,823	9,669	2,883	5,976	52,266	20,815	156,370
2018	15,894	10,090	16,561	4,670	7,995	12,375	9,965	2,807	6,071	53,360	21,326	161,114
2019	14,872	9,715	15,809	4,825	7,868	11,829	9,574	2,816	5,976	52,003	20,545	155,832
2020	14,514	9,698	15,450	5,047	7,626	11,827	9,217	2,849	5,729	48,060	20,181	150,198
2021	14,731	9,797	15,560	5,415	7,616	11,827	9,262	2,884	5,781	48,832	20,273	151,978
2022	14,687	9,616	15,365	5,884	7,357	11,935	9,325	2,902	5,775	49,740	20,095	152,681
2023	14,613	9,135	14,693	5,698	7,038	11,096	9,014	2,686	5,412	48,280	19,385	147,050
2024	15,417	9,345	14,643	5,659	7,194	11,403	9,286	2,764	5,723	49,703	19,801	150,938
2025	15,690	9,420	14,620	5,670	7,380	11,580	9,480	2,770	5,890	49,900	20,000	152,400
2026	16,170	9,280	14,790	8,310	7,190	11,240	9,640	2,790	5,910	50,100	20,040	155,460
2027	16,160	9,150	15,200	9,280	7,130	11,410	9,830	2,800	5,950	50,260	20,050	157,220
2028	16,150	9,080	15,860	9,300	7,150	11,380	10,000	2,810	6,030	50,530	20,410	158,700
2029	16,120	9,000	16,750	9,270	7,160	11,360	10,060	2,820	6,080	50,730	21,020	160,370
2030	16,150	8,980	18,140	9,260	7,250	11,410	10,150	2,840	6,150	51,110	21,760	163,200
2031	16,210	8,990	18,890	9,250	7,310	11,500	10,280	2,880	6,240	51,540	22,550	165,640
2032	16,380	9,070	19,770	9,250	7,390	11,680	10,510	2,930	6,360	52,230	23,380	168,950
2033	16,480	9,120	20,580	9,250	7,450	11,820	10,700	2,960	6,450	52,610	24,010	171,430
2034	16,700	9,230	20,920	9,260	7,580	12,060	11,000	3,020	6,580	53,290	24,540	174,180
2035	16,990	9,400	21,330	9,270	7,770	12,380	11,370	3,090	6,740	54,110	25,290	177,740
2036	17,420	9,660	21,660	9,310	8,030	12,800	11,820	3,170	6,940	55,420	26,120	182,350
2037	17,810	9,890	21,940	9,330	8,270	13,210	12,270	3,260	7,130	56,610	27,010	186,730
2038	18,280	10,160	22,300	9,370	8,570	13,680	12,760	3,350	7,340	58,040	27,820	191,670
2039	18,740	10,440	22,670	9,400	8,850	14,140	13,260	3,440	7,540	59,420	28,760	196,660
2040	19,230	10,730	23,060	9,440	9,160	14,640	13,760	3,540	7,750	60,830	29,730	201,870
2041	19,620	10,960	23,360	9,460	9,410	15,050	14,190	3,620	7,920	61,900	30,550	206,040
2042	20,030	11,190	23,670	9,480	9,670	15,480	14,630	3,690	8,090	62,970	31,290	210,190
2043	20,440	11,440	24,000	9,520	9,930	15,920	15,080	3,770	8,270	64,070	32,170	214,610
2044	20,860	11,690	24,350	9,560	10,190	16,380	15,550	3,860	8,450	65,210	33,060	219,160
2045	21,170	11,870	24,590	9,580	10,390	16,740	15,930	3,920	8,590	65,970	33,800	222,550
2046	21,500	12,060	24,850	9,610	10,600	17,110	16,320	3,980	8,740	66,810	34,520	226,100
2047	21,780	12,230	25,070	9,630	10,770	17,440	16,670	4,040	8,870	67,540	35,140	229,180
2048	22,080	12,400	25,310	9,660	10,940	17,790	17,030	4,100	9,010	68,400	35,750	232,470
2049	22,270	12,520	25,450	9,670	11,050	18,040	17,310	4,150	9,110	68,930	36,180	234,680
2050	22,520	12,670	25,640	9,700	11,190	18,340	17,620	4,200	9,230	69,730	36,670	237,510
2051	22,670	12,760	25,740	9,720	11,260	18,540	17,840	4,240	9,320	70,240	36,980	239,310
2052	22,820	12,850	25,850	9,740	11,330	18,750	18,060	4,280	9,410	70,850	37,280	241,220
2053	22,860	12,880	25,870	9,740	11,340	18,870	18,210	4,300	9,460	71,130	37,430	242,090
2054	22,930	12,920	25,900	9,750	11,360	19,010	18,360	4,320	9,530	71,510	37,590	243,180
2055	22,980	12,940	25,920	9,760	11,370	19,130	18,500	4,350	9,580	71,850	37,720	244,100

Note: Historical values reflect actual experienced weather conditions. Forecasted values reflect expected trended weather conditions.

Note: Expected weather conditions include an increasing temperature trend from the NYISO *Climate Change Impact Study Phase I* report.

Table I-3a: Baseline Summer Coincident Peak Demand, Historical & Forecast
Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2015	2,632	1,926	2,705	557	1,376	2,294	2,151	617	1,345	10,410	5,126	31,138
2016	2,672	2,008	2,812	561	1,384	2,328	2,123	636	1,392	10,990	5,169	32,076
2017	2,439	1,800	2,557	502	1,152	2,032	2,063	607	1,334	10,241	4,972	29,699
2018	2,391	1,947	2,747	600	1,300	2,378	2,190	631	1,393	10,890	5,394	31,861
2019	2,367	1,841	2,592	603	1,305	2,224	2,180	652	1,313	10,015	5,305	30,397
2020	2,405	1,804	2,752	661	1,345	2,374	2,177	666	1,352	9,798	5,326	30,660
2021	2,611	1,918	2,705	588	1,366	2,352	2,236	686	1,353	10,108	4,996	30,919
2022	2,489	1,921	2,689	733	1,269	2,292	2,133	631	1,301	9,934	5,113	30,505
2023	2,492	1,822	2,623	558	1,186	2,197	2,017	664	1,239	10,357	5,051	30,206
2024	2,254	1,632	2,414	552	1,166	2,129	2,081	609	1,273	10,001	4,879	28,990
2025	2,864	1,855	2,516	691	1,310	2,269	2,264	619	1,316	10,764	5,003	31,471
2026	2,943	1,854	2,568	1,042	1,298	2,255	2,304	620	1,320	10,790	4,996	31,990
2027	2,936	1,846	2,639	1,171	1,293	2,275	2,331	625	1,327	10,820	5,017	32,280
2028	2,925	1,834	2,737	1,173	1,293	2,265	2,344	625	1,336	10,840	5,038	32,410
2029	2,920	1,826	2,876	1,179	1,296	2,264	2,346	627	1,343	10,860	5,083	32,620
2030	2,917	1,821	3,062	1,180	1,307	2,267	2,347	627	1,351	10,880	5,151	32,910
2031	2,924	1,822	3,176	1,182	1,307	2,277	2,361	630	1,359	10,930	5,222	33,190
2032	2,932	1,826	3,291	1,185	1,314	2,290	2,388	635	1,368	11,010	5,281	33,520
2033	2,947	1,832	3,415	1,189	1,326	2,302	2,418	640	1,377	11,080	5,344	33,870
2034	2,961	1,839	3,465	1,192	1,343	2,322	2,451	646	1,385	11,170	5,396	34,170
2035	2,986	1,851	3,505	1,194	1,363	2,348	2,486	651	1,401	11,250	5,465	34,500
2036	3,017	1,865	3,548	1,198	1,383	2,380	2,525	654	1,416	11,340	5,524	34,850
2037	3,053	1,883	3,580	1,202	1,402	2,417	2,566	658	1,430	11,410	5,579	35,180
2038	3,091	1,905	3,600	1,206	1,420	2,454	2,607	664	1,444	11,490	5,629	35,510
2039	3,129	1,924	3,616	1,210	1,439	2,495	2,640	668	1,455	11,560	5,674	35,810
2040	3,161	1,939	3,640	1,212	1,456	2,538	2,682	674	1,466	11,620	5,712	36,100
2041	3,195	1,959	3,661	1,216	1,478	2,577	2,722	677	1,476	11,690	5,749	36,400
2042	3,225	1,974	3,672	1,218	1,500	2,612	2,758	679	1,485	11,740	5,787	36,650
2043	3,254	1,985	3,692	1,222	1,525	2,648	2,794	681	1,495	11,800	5,824	36,920
2044	3,276	1,992	3,711	1,224	1,547	2,681	2,841	684	1,504	11,850	5,860	37,170
2045	3,298	1,998	3,729	1,226	1,566	2,706	2,882	686	1,513	11,900	5,896	37,400
2046	3,313	2,003	3,737	1,227	1,579	2,726	2,920	688	1,521	11,950	5,926	37,590
2047	3,323	2,007	3,741	1,228	1,589	2,738	2,956	690	1,527	11,990	5,951	37,740
2048	3,327	2,010	3,743	1,228	1,595	2,746	2,988	692	1,532	12,040	5,969	37,870
2049	3,332	2,012	3,747	1,229	1,598	2,752	3,009	694	1,536	12,090	5,981	37,980
2050	3,333	2,014	3,750	1,229	1,605	2,754	3,023	696	1,539	12,130	5,987	38,060
2051	3,336	2,016	3,752	1,232	1,611	2,756	3,034	698	1,541	12,180	5,994	38,150
2052	3,342	2,018	3,754	1,235	1,620	2,763	3,043	699	1,543	12,220	6,003	38,240
2053	3,346	2,020	3,756	1,236	1,622	2,769	3,050	701	1,545	12,250	6,015	38,310
2054	3,348	2,022	3,758	1,237	1,625	2,773	3,056	703	1,547	12,280	6,021	38,370
2055	3,350	2,024	3,760	1,238	1,628	2,776	3,061	705	1,549	12,310	6,029	38,430

Note: Historical values include demand response reductions when called. Forecast values assume no demand response reductions.

Note: Historical values reflect actual experienced weather conditions. Forecasted values reflect expected trended weather conditions.

Note: Con Edison and Orange & Rockland design their forecasts at the 67th percentile. Other Transmission Owners design their forecasts at the 50th percentile.
The aggregate NYCA baseline forecast design condition is 57th percentile summer peak day weather.

Note: Expected weather conditions include an increasing temperature trend from the NYISO *Climate Change Impact Study Phase I* report.

Table I-3b: Baseline Winter Coincident Peak Demand, Historical & Forecast
Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2015-16	2,253	1,486	2,469	667	1,307	1,861	1,496	453	889	7,274	3,164	23,317
2016-17	2,295	1,600	2,573	671	1,395	1,867	1,549	530	917	7,482	3,285	24,164
2017-18	2,313	1,533	2,766	735	1,398	2,012	1,638	506	933	7,822	3,425	25,081
2018-19	2,107	1,566	2,668	747	1,416	2,066	1,618	534	941	7,674	3,390	24,728
2019-20	2,100	1,460	2,482	741	1,305	1,854	1,468	479	842	7,398	3,124	23,253
2020-21	2,095	1,505	2,418	750	1,251	1,856	1,481	485	869	6,689	3,143	22,542
2021-22	2,120	1,507	2,512	846	1,283	1,894	1,506	491	861	7,116	3,101	23,237
2022-23	2,087	1,566	2,637	721	1,344	1,927	1,580	487	872	7,070	3,078	23,369
2023-24	1,988	1,458	2,364	822	1,294	1,779	1,528	494	853	7,131	3,043	22,754
2024-25	2,008	1,496	2,441	556	1,339	1,879	1,646	544	972	7,464	3,176	23,521
2025-26	2,235	1,513	2,510	843	1,331	1,912	1,611	522	941	7,530	3,252	24,200
2026-27	2,323	1,525	2,583	1,249	1,333	1,917	1,662	525	947	7,580	3,276	24,920
2027-28	2,329	1,531	2,688	1,316	1,343	1,939	1,701	528	956	7,650	3,349	25,330
2028-29	2,346	1,537	2,812	1,321	1,351	1,961	1,738	533	973	7,800	3,478	25,850
2029-30	2,361	1,540	2,966	1,322	1,374	1,988	1,771	539	989	7,930	3,630	26,410
2030-31	2,386	1,556	3,189	1,324	1,398	2,020	1,814	546	1,007	8,070	3,770	27,080
2031-32	2,421	1,575	3,323	1,328	1,422	2,060	1,862	554	1,026	8,240	3,919	27,730
2032-33	2,473	1,607	3,469	1,333	1,449	2,108	1,921	564	1,049	8,410	4,057	28,440
2033-34	2,533	1,639	3,618	1,337	1,482	2,175	1,988	574	1,076	8,610	4,178	29,210
2034-35	2,602	1,678	3,701	1,342	1,527	2,246	2,061	587	1,110	8,830	4,286	29,970
2035-36	2,670	1,720	3,781	1,347	1,592	2,325	2,141	602	1,144	9,120	4,408	30,850
2036-37	2,777	1,781	3,857	1,350	1,660	2,432	2,256	625	1,196	9,550	4,536	32,020
2037-38	2,891	1,846	3,934	1,354	1,761	2,558	2,387	644	1,245	10,060	4,690	33,370
2038-39	3,033	1,928	4,028	1,365	1,866	2,691	2,512	669	1,295	10,570	4,873	34,830
2039-40	3,167	2,011	4,132	1,376	1,943	2,827	2,652	692	1,350	11,060	5,070	36,280
2040-41	3,297	2,086	4,249	1,386	2,025	2,976	2,785	712	1,400	11,540	5,304	37,760
2041-42	3,417	2,167	4,327	1,397	2,111	3,087	2,914	726	1,443	11,960	5,531	39,080
2042-43	3,535	2,241	4,427	1,403	2,173	3,214	3,027	752	1,492	12,360	5,746	40,370
2043-44	3,670	2,320	4,532	1,412	2,252	3,328	3,148	773	1,548	12,750	5,957	41,690
2044-45	3,762	2,381	4,611	1,420	2,323	3,443	3,276	797	1,595	13,090	6,142	42,840
2045-46	3,879	2,456	4,678	1,425	2,391	3,555	3,366	820	1,644	13,370	6,346	43,930
2046-47	3,958	2,519	4,767	1,430	2,460	3,682	3,452	843	1,691	13,630	6,498	44,930
2047-48	4,059	2,576	4,842	1,434	2,536	3,786	3,533	856	1,729	13,890	6,649	45,890
2048-49	4,120	2,624	4,923	1,439	2,593	3,910	3,623	873	1,762	14,130	6,773	46,770
2049-50	4,199	2,657	4,962	1,445	2,625	3,996	3,681	884	1,792	14,340	6,869	47,450
2050-51	4,252	2,677	5,012	1,450	2,666	4,074	3,753	898	1,821	14,540	6,967	48,110
2051-52	4,319	2,711	5,026	1,453	2,693	4,133	3,826	908	1,844	14,740	7,067	48,720
2052-53	4,362	2,737	5,060	1,459	2,720	4,185	3,896	920	1,872	14,920	7,139	49,270
2053-54	4,405	2,768	5,070	1,462	2,730	4,199	3,937	928	1,895	15,090	7,216	49,700
2054-55	4,416	2,788	5,094	1,463	2,752	4,217	3,958	930	1,903	15,140	7,279	49,940
2055-56	4,418	2,792	5,097	1,467	2,754	4,220	3,970	933	1,904	15,160	7,285	50,000

Note: Historical values reflect actual experienced weather conditions. Forecasted values reflect expected trended weather conditions.

Note: Expected weather conditions include an increasing temperature trend from the NYISO *Climate Change Impact Study Phase I* report.

Table I-4a: Baseline Summer Non-Coincident Peak Demand, Historical & Forecast
Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

Non-Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K
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	642	1,397	2,342	2,198	652	1,392	10,990	5,394
2017	2,494	1,828	2,649	543	1,343	2,192	2,125	633	1,395	10,671	5,121
2018	2,769	2,073	3,021	620	1,409	2,424	2,251	642	1,399	11,070	5,394
2019	2,620	1,926	2,705	609	1,396	2,301	2,243	659	1,392	10,802	5,438
2020	2,660	2,022	2,781	668	1,355	2,386	2,178	669	1,368	10,150	5,405
2021	2,650	2,002	2,803	694	1,395	2,392	2,274	686	1,417	10,352	5,120
2022	2,555	1,923	2,707	813	1,314	2,383	2,218	671	1,385	10,830	5,210
2023	2,524	1,856	2,730	703	1,294	2,235	2,042	664	1,259	10,372	5,051
2024	2,711	1,916	2,758	735	1,392	2,365	2,229	649	1,332	10,245	4,935
2025	3,010	1,901	2,595	713	1,345	2,324	2,315	633	1,346	11,005	5,079
2026	3,106	1,899	2,648	1,085	1,333	2,310	2,356	634	1,350	11,030	5,072
2027	3,099	1,891	2,722	1,219	1,328	2,331	2,384	639	1,357	11,060	5,094
2028	3,087	1,879	2,823	1,221	1,328	2,320	2,397	639	1,366	11,080	5,115
2029	3,082	1,871	2,966	1,227	1,331	2,319	2,399	641	1,373	11,100	5,161
2030	3,079	1,865	3,158	1,228	1,342	2,322	2,400	641	1,381	11,120	5,230
2031	3,086	1,866	3,275	1,230	1,342	2,333	2,415	644	1,389	11,170	5,302
2032	3,095	1,871	3,394	1,233	1,350	2,346	2,442	649	1,399	11,260	5,362
2033	3,111	1,877	3,522	1,238	1,362	2,358	2,473	654	1,408	11,330	5,426
2034	3,125	1,884	3,573	1,241	1,379	2,379	2,507	660	1,416	11,420	5,479
2035	3,152	1,896	3,615	1,243	1,400	2,405	2,542	665	1,432	11,500	5,549
2036	3,184	1,911	3,659	1,247	1,420	2,438	2,582	669	1,448	11,590	5,609
2037	3,222	1,929	3,692	1,251	1,440	2,476	2,624	673	1,462	11,670	5,664
2038	3,263	1,951	3,713	1,255	1,458	2,514	2,666	679	1,476	11,750	5,715
2039	3,303	1,971	3,729	1,259	1,478	2,556	2,700	683	1,488	11,820	5,761
2040	3,336	1,986	3,754	1,262	1,495	2,600	2,743	689	1,499	11,880	5,799
2041	3,372	2,007	3,776	1,266	1,518	2,640	2,784	692	1,509	11,950	5,837
2042	3,404	2,022	3,787	1,268	1,541	2,676	2,821	694	1,518	12,000	5,876
2043	3,435	2,033	3,808	1,272	1,566	2,713	2,857	696	1,528	12,060	5,913
2044	3,458	2,041	3,827	1,274	1,589	2,746	2,905	699	1,538	12,120	5,950
2045	3,481	2,047	3,846	1,276	1,608	2,772	2,947	701	1,547	12,170	5,986
2046	3,497	2,052	3,854	1,277	1,622	2,793	2,986	703	1,555	12,220	6,017
2047	3,507	2,056	3,858	1,278	1,632	2,805	3,023	705	1,561	12,260	6,042
2048	3,512	2,059	3,860	1,278	1,638	2,813	3,056	708	1,566	12,310	6,060
2049	3,517	2,061	3,864	1,279	1,641	2,819	3,077	710	1,570	12,360	6,073
2050	3,518	2,063	3,867	1,279	1,648	2,821	3,092	712	1,573	12,400	6,079
2051	3,521	2,065	3,869	1,282	1,655	2,823	3,103	714	1,576	12,450	6,086
2052	3,527	2,067	3,872	1,286	1,664	2,830	3,112	715	1,578	12,490	6,095
2053	3,532	2,069	3,874	1,287	1,666	2,837	3,119	717	1,580	12,520	6,107
2054	3,534	2,071	3,876	1,288	1,669	2,841	3,125	719	1,582	12,560	6,113
2055	3,536	2,073	3,878	1,289	1,672	2,844	3,130	721	1,584	12,590	6,121

Note: Historical values include demand response reductions when called. Forecast values assume no demand response reductions.

Note: Historical values reflect actual experienced weather conditions. Forecasted values reflect expected trended weather conditions.

Note: Con Edison and Orange & Rockland design their forecasts at the 67th percentile.

Other Transmission Owners design their forecasts at the 50th percentile.

Note: Expected weather conditions include an increasing temperature trend from the NYISO *Climate Change Impact Study Phase I* report.

Table I-4b: Baseline Winter Non-Coincident Peak Demand, Historical & Forecast
Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

Non-Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K
2015-16	2,253	1,486	2,469	667	1,307	1,861	1,496	453	889	7,274	3,164
2016-17	2,295	1,600	2,573	671	1,395	1,867	1,549	530	917	7,482	3,285
2017-18	2,313	1,533	2,766	735	1,398	2,012	1,638	506	933	7,822	3,425
2018-19	2,107	1,566	2,668	747	1,416	2,066	1,618	534	941	7,674	3,390
2019-20	2,100	1,460	2,482	741	1,305	1,854	1,468	479	842	7,398	3,124
2020-21	2,095	1,505	2,418	750	1,251	1,856	1,481	485	869	6,689	3,143
2021-22	2,120	1,507	2,512	846	1,283	1,894	1,506	491	861	7,116	3,101
2022-23	2,087	1,566	2,637	835	1,344	1,927	1,580	522	872	7,070	3,123
2023-24	2,154	1,464	2,378	827	1,294	1,826	1,528	494	855	7,200	3,043
2024-25	2,200	1,505	2,568	821	1,396	1,964	1,646	544	972	7,552	3,176
2025-26	2,262	1,524	2,520	860	1,356	1,925	1,616	533	947	7,580	3,265
2026-27	2,351	1,536	2,593	1,274	1,358	1,930	1,667	536	953	7,630	3,289
2027-28	2,357	1,542	2,699	1,342	1,369	1,953	1,706	539	962	7,700	3,362
2028-29	2,374	1,548	2,823	1,347	1,377	1,975	1,743	544	979	7,850	3,492
2029-30	2,389	1,551	2,978	1,348	1,400	2,002	1,776	550	995	7,990	3,645
2030-31	2,415	1,567	3,202	1,350	1,425	2,034	1,819	557	1,013	8,130	3,785
2031-32	2,450	1,586	3,336	1,355	1,449	2,074	1,868	566	1,032	8,300	3,935
2032-33	2,503	1,618	3,483	1,360	1,477	2,123	1,927	576	1,055	8,470	4,073
2033-34	2,563	1,650	3,632	1,364	1,510	2,190	1,994	586	1,082	8,670	4,195
2034-35	2,633	1,690	3,716	1,369	1,556	2,262	2,067	599	1,117	8,890	4,303
2035-36	2,702	1,732	3,796	1,374	1,622	2,341	2,147	615	1,151	9,180	4,426
2036-37	2,810	1,793	3,872	1,377	1,692	2,449	2,263	638	1,203	9,620	4,554
2037-38	2,926	1,859	3,950	1,381	1,794	2,576	2,394	658	1,252	10,130	4,709
2038-39	3,069	1,941	4,044	1,392	1,901	2,710	2,520	683	1,303	10,640	4,892
2039-40	3,205	2,025	4,149	1,404	1,980	2,847	2,660	707	1,358	11,140	5,090
2040-41	3,337	2,101	4,266	1,414	2,063	2,997	2,793	727	1,408	11,620	5,325
2041-42	3,458	2,182	4,344	1,425	2,151	3,109	2,923	741	1,452	12,040	5,553
2042-43	3,577	2,257	4,445	1,431	2,214	3,236	3,036	768	1,501	12,450	5,769
2043-44	3,714	2,336	4,550	1,440	2,295	3,351	3,157	789	1,557	12,840	5,981
2044-45	3,807	2,398	4,629	1,448	2,367	3,467	3,286	814	1,605	13,180	6,167
2045-46	3,926	2,473	4,697	1,454	2,436	3,580	3,376	837	1,654	13,460	6,371
2046-47	4,005	2,537	4,786	1,459	2,507	3,708	3,462	861	1,701	13,730	6,524
2047-48	4,108	2,594	4,861	1,463	2,584	3,813	3,544	874	1,739	13,990	6,676
2048-49	4,169	2,642	4,943	1,468	2,642	3,937	3,634	891	1,773	14,230	6,800
2049-50	4,249	2,676	4,982	1,474	2,675	4,024	3,692	903	1,803	14,440	6,896
2050-51	4,303	2,696	5,032	1,479	2,717	4,103	3,764	917	1,832	14,640	6,995
2051-52	4,371	2,730	5,046	1,482	2,744	4,162	3,837	927	1,855	14,840	7,095
2052-53	4,414	2,756	5,080	1,488	2,772	4,214	3,908	939	1,883	15,020	7,168
2053-54	4,458	2,787	5,090	1,491	2,782	4,228	3,949	947	1,906	15,200	7,245
2054-55	4,469	2,808	5,114	1,492	2,804	4,247	3,970	950	1,914	15,250	7,308
2055-56	4,471	2,812	5,117	1,496	2,806	4,250	3,982	953	1,915	15,270	7,314

Note: Historical values reflect actual experienced weather conditions. Forecasted values reflect expected trended weather conditions.

Note: Expected weather conditions include an increasing temperature trend from the NYISO *Climate Change Impact Study Phase I* report.

Table I-5: Baseline Peak Demand in G-to-J Locality, Historical & Forecast
Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

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

Year	G	H	I	J	G-J
2015	2,168	629	1,398	10,583	14,778
2016	2,123	636	1,392	10,990	15,141
2017	2,125	611	1,367	10,671	14,774
2018	2,130	642	1,379	10,979	15,130
2019	1,992	582	1,336	10,767	14,677
2020	1,992	648	1,368	10,139	14,147
2021	2,197	673	1,407	10,352	14,629
2022	2,133	671	1,385	10,779	14,968
2023	2,017	664	1,239	10,357	14,277
2024	2,229	649	1,325	10,245	14,448
2025	2,300	629	1,338	10,939	15,206
2026	2,342	630	1,342	10,966	15,280
2027	2,369	635	1,349	10,996	15,349
2028	2,382	635	1,358	11,017	15,392
2029	2,384	637	1,365	11,037	15,423
2030	2,385	637	1,373	11,057	15,452
2031	2,399	640	1,381	11,108	15,528
2032	2,427	645	1,390	11,189	15,651
2033	2,457	650	1,399	11,261	15,767
2034	2,491	657	1,408	11,352	15,908
2035	2,527	662	1,424	11,433	16,046
2036	2,566	665	1,439	11,525	16,195
2037	2,608	669	1,453	11,596	16,326
2038	2,649	675	1,468	11,677	16,469
2039	2,683	679	1,479	11,748	16,589
2040	2,726	685	1,490	11,809	16,710
2041	2,766	688	1,500	11,881	16,835
2042	2,803	690	1,509	11,931	16,933
2043	2,840	692	1,519	11,992	17,043
2044	2,887	695	1,529	12,043	17,154
2045	2,929	697	1,538	12,094	17,258
2046	2,968	699	1,546	12,145	17,358
2047	3,004	701	1,552	12,185	17,442
2048	3,037	703	1,557	12,236	17,533
2049	3,058	705	1,561	12,287	17,611
2050	3,072	707	1,564	12,328	17,671
2051	3,083	709	1,566	12,379	17,737
2052	3,093	710	1,568	12,419	17,790
2053	3,100	712	1,570	12,450	17,832
2054	3,106	714	1,572	12,480	17,872
2055	3,111	716	1,574	12,511	17,912

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

Year	G	H	I	J	G-J
2015-16	1,524	442	896	7,297	10,159
2016-17	1,549	530	917	7,483	10,479
2017-18	1,638	506	933	7,822	10,899
2018-19	1,593	521	941	7,727	10,782
2019-20	1,468	479	842	7,398	10,187
2020-21	1,465	533	841	6,829	9,668
2021-22	1,506	491	861	7,116	9,974
2022-23	1,580	487	872	7,070	10,009
2023-24	1,515	483	846	7,200	10,044
2024-25	1,626	516	965	7,552	10,659
2025-26	1,606	520	937	7,575	10,638
2026-27	1,657	523	943	7,625	10,748
2027-28	1,696	526	952	7,696	10,870
2028-29	1,733	531	969	7,847	11,080
2029-30	1,766	537	985	7,978	11,266
2030-31	1,809	544	1,003	8,118	11,474
2031-32	1,856	552	1,022	8,289	11,719
2032-33	1,915	562	1,045	8,460	11,982
2033-34	1,982	572	1,072	8,662	12,288
2034-35	2,055	585	1,106	8,883	12,629
2035-36	2,135	600	1,139	9,175	13,049
2036-37	2,249	623	1,191	9,607	13,670
2037-38	2,380	641	1,240	10,120	14,381
2038-39	2,504	665	1,290	10,633	15,092
2039-40	2,644	689	1,345	11,126	15,804
2040-41	2,777	709	1,394	11,609	16,489
2041-42	2,905	723	1,437	12,032	17,097
2042-43	3,018	749	1,486	12,434	17,687
2043-44	3,139	770	1,542	12,827	18,278
2044-45	3,266	794	1,589	13,169	18,818
2045-46	3,356	817	1,637	13,450	19,260
2046-47	3,442	840	1,684	13,712	19,678
2047-48	3,522	853	1,722	13,973	20,070
2048-49	3,612	870	1,755	14,215	20,452
2049-50	3,670	880	1,785	14,426	20,761
2050-51	3,742	894	1,814	14,627	21,077
2051-52	3,815	904	1,837	14,828	21,384
2052-53	3,884	916	1,865	15,010	21,675
2053-54	3,925	924	1,887	15,181	21,917
2054-55	3,946	926	1,895	15,231	21,998
2055-56	3,958	929	1,896	15,251	22,034

Note: Historical values include demand response reductions when called. Forecast values assume no demand response reductions.

Note: Historical values reflect actual experienced weather conditions. Forecasted values reflect expected trended weather conditions.

Note: Con Edison and Orange & Rockland design their forecasts at the 67th percentile. Other Transmission Owners design their forecasts at the 50th percentile.
The aggregate NYCA baseline forecast design condition is 57th percentile summer peak day weather.

Note: Expected weather conditions include an increasing temperature trend from the NYISO *Climate Change Impact Study Phase I* report.

Table I-6a: 90th Percentile Forecast of Baseline Energy due to Weather
Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

90th Percentile of Annual Energy due to Weather - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	15,819	9,516	14,734	5,698	7,440	11,697	9,599	2,810	5,965	50,474	20,290	154,042
2026	16,303	9,375	14,905	8,352	7,248	11,354	9,761	2,830	5,986	50,676	20,331	157,121
2027	16,293	9,243	15,319	9,326	7,188	11,525	9,953	2,840	6,026	50,838	20,341	158,892
2028	16,282	9,173	15,984	9,347	7,208	11,495	10,125	2,850	6,107	51,111	20,706	160,388
2029	16,252	9,092	16,881	9,316	7,218	11,475	10,186	2,860	6,158	51,313	21,325	162,076
2030	16,282	9,072	18,281	9,306	7,309	11,525	10,277	2,881	6,229	51,698	22,076	164,936
2031	16,343	9,082	19,037	9,296	7,369	11,616	10,409	2,921	6,320	52,133	22,877	167,403
2032	16,514	9,163	19,924	9,296	7,450	11,798	10,641	2,972	6,441	52,831	23,719	170,749
2033	16,615	9,213	20,741	9,296	7,510	11,939	10,834	3,002	6,533	53,215	24,358	173,256
2034	16,837	9,324	21,083	9,306	7,641	12,182	11,138	3,063	6,664	53,903	24,896	176,037
2035	17,129	9,496	21,496	9,316	7,833	12,505	11,512	3,134	6,826	54,732	25,657	179,636
2036	17,563	9,759	21,829	9,357	8,095	12,929	11,968	3,215	7,029	56,057	26,499	184,300
2037	17,956	9,991	22,111	9,377	8,337	13,343	12,423	3,307	7,221	57,261	27,402	188,729
2038	18,430	10,264	22,474	9,417	8,639	13,818	12,920	3,398	7,434	58,707	28,223	193,724
2039	18,894	10,546	22,847	9,447	8,922	14,283	13,426	3,489	7,637	60,103	29,177	198,771
2040	19,388	10,839	23,240	9,487	9,234	14,788	13,932	3,591	7,849	61,530	30,161	204,039
2041	19,781	11,072	23,542	9,507	9,486	15,202	14,367	3,672	8,021	62,612	30,993	208,255
2042	20,194	11,304	23,855	9,527	9,748	15,636	14,813	3,743	8,194	63,694	31,744	212,452
2043	20,608	11,557	24,187	9,568	10,010	16,081	15,269	3,824	8,376	64,807	32,636	216,923
2044	21,031	11,809	24,540	9,608	10,273	16,545	15,744	3,915	8,558	65,960	33,539	221,522
2045	21,344	11,991	24,782	9,628	10,474	16,909	16,129	3,976	8,700	66,729	34,290	224,952
2046	21,676	12,183	25,044	9,658	10,686	17,283	16,524	4,037	8,852	67,578	35,021	228,542
2047	21,959	12,355	25,266	9,678	10,857	17,616	16,878	4,098	8,984	68,317	35,650	231,658
2048	22,261	12,526	25,507	9,708	11,029	17,970	17,243	4,159	9,125	69,187	36,268	234,983
2049	22,453	12,648	25,649	9,718	11,140	18,222	17,526	4,209	9,227	69,723	36,705	237,220
2050	22,705	12,799	25,840	9,749	11,281	18,525	17,840	4,260	9,348	70,532	37,202	240,081
2051	22,856	12,890	25,941	9,769	11,351	18,727	18,063	4,301	9,439	71,048	37,516	241,901
2052	23,007	12,981	26,052	9,789	11,422	18,939	18,286	4,341	9,530	71,665	37,821	243,833
2053	23,047	13,011	26,072	9,789	11,432	19,061	18,438	4,361	9,581	71,948	37,973	244,713
2054	23,118	13,052	26,102	9,799	11,452	19,202	18,590	4,382	9,652	72,332	38,135	245,816
2055	23,168	13,072	26,122	9,809	11,462	19,323	18,731	4,412	9,703	72,676	38,267	246,745

Note: 90th percentile energy forecast is representative of warmer than expected trended weather conditions in summer and colder than expected trended weather conditions in winter.

Note: Expected weather conditions include an increasing temperature trend from the NYISO *Climate Change Impact Study Phase I* report.

Table I-6b: 10th Percentile Forecast of Baseline Energy due to Weather
Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

10th Percentile of Annual Energy due to Weather - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	15,561	9,324	14,506	5,642	7,320	11,463	9,362	2,730	5,815	49,326	19,710	150,759
2026	16,037	9,185	14,675	8,268	7,132	11,126	9,520	2,750	5,834	49,524	19,749	153,800
2027	16,027	9,057	15,081	9,234	7,072	11,295	9,707	2,760	5,874	49,682	19,759	155,548
2028	16,018	8,987	15,736	9,254	7,092	11,265	9,875	2,770	5,953	49,949	20,114	157,013
2029	15,988	8,908	16,619	9,224	7,102	11,245	9,934	2,780	6,002	50,147	20,715	158,664
2030	16,018	8,888	17,999	9,214	7,191	11,295	10,023	2,799	6,071	50,522	21,444	161,464
2031	16,077	8,898	18,743	9,204	7,251	11,384	10,152	2,839	6,160	50,947	22,223	163,878
2032	16,246	8,977	19,616	9,204	7,330	11,562	10,379	2,888	6,279	51,629	23,041	167,151
2033	16,345	9,027	20,419	9,204	7,390	11,701	10,566	2,918	6,367	52,005	23,662	169,604
2034	16,563	9,136	20,757	9,214	7,519	11,938	10,863	2,977	6,496	52,677	24,184	172,324
2035	16,851	9,304	21,164	9,224	7,707	12,255	11,228	3,046	6,654	53,488	24,923	175,844
2036	17,277	9,561	21,491	9,263	7,965	12,671	11,672	3,125	6,851	54,783	25,741	180,400
2037	17,664	9,789	21,769	9,283	8,203	13,077	12,117	3,213	7,039	55,959	26,618	184,731
2038	18,130	10,056	22,126	9,323	8,501	13,542	12,601	3,302	7,246	57,373	27,417	189,617
2039	18,586	10,334	22,493	9,353	8,778	13,997	13,094	3,391	7,443	58,737	28,343	194,549
2040	19,072	10,621	22,880	9,393	9,086	14,492	13,588	3,489	7,651	60,130	29,299	199,701
2041	19,459	10,848	23,178	9,413	9,334	14,898	14,013	3,568	7,819	61,188	30,107	203,825
2042	19,866	11,076	23,485	9,433	9,592	15,324	14,447	3,637	7,986	62,246	30,836	207,928
2043	20,272	11,323	23,813	9,472	9,850	15,759	14,892	3,716	8,164	63,333	31,704	212,298
2044	20,689	11,571	24,160	9,512	10,107	16,215	15,356	3,805	8,342	64,460	32,581	216,798
2045	20,996	11,749	24,398	9,532	10,306	16,571	15,731	3,864	8,480	65,211	33,310	220,148
2046	21,324	11,937	24,656	9,562	10,514	16,937	16,116	3,923	8,628	66,042	34,019	223,658
2047	21,601	12,105	24,874	9,582	10,683	17,264	16,462	3,982	8,756	66,763	34,630	226,702
2048	21,899	12,274	25,113	9,612	10,851	17,610	16,817	4,041	8,895	67,613	35,232	229,957
2049	22,087	12,392	25,251	9,622	10,960	17,858	17,094	4,091	8,993	68,137	35,655	232,140
2050	22,335	12,541	25,440	9,652	11,099	18,155	17,400	4,140	9,112	68,928	36,138	234,940
2051	22,484	12,630	25,539	9,671	11,169	18,353	17,617	4,179	9,201	69,432	36,444	236,719
2052	22,633	12,719	25,648	9,691	11,238	18,561	17,834	4,219	9,290	70,035	36,739	238,607
2053	22,673	12,749	25,668	9,691	11,248	18,679	17,982	4,239	9,339	70,312	36,887	239,467
2054	22,742	12,788	25,698	9,701	11,268	18,818	18,131	4,258	9,408	70,688	37,045	240,545
2055	22,792	12,808	25,718	9,711	11,278	18,937	18,269	4,288	9,457	71,024	37,173	241,455

Note: 10th percentile energy forecast is representative of cooler than expected trended weather conditions in summer and warmer than expected trended weather conditions in winter.

Note: Expected weather conditions include an increasing temperature trend from the NYISO *Climate Change Impact Study Phase I* report.

Table I-7a: 90th Percentile Forecast of Baseline Summer Coincident Peak Demand due to Weather
Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

90th Percentile of Summer Coincident Peak Demand due to Weather - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	3,063	1,984	2,691	739	1,401	2,401	2,396	651	1,383	11,122	5,402	33,233
2026	3,147	1,983	2,746	1,114	1,388	2,386	2,438	652	1,387	11,149	5,394	33,784
2027	3,140	1,974	2,822	1,252	1,383	2,407	2,467	657	1,395	11,180	5,417	34,094
2028	3,128	1,961	2,927	1,254	1,383	2,397	2,481	657	1,404	11,201	5,439	34,232
2029	3,123	1,953	3,076	1,261	1,386	2,396	2,483	659	1,412	11,221	5,488	34,458
2030	3,120	1,948	3,275	1,262	1,398	2,399	2,484	659	1,420	11,242	5,561	34,768
2031	3,127	1,949	3,397	1,264	1,398	2,410	2,498	662	1,428	11,293	5,638	35,064
2032	3,136	1,953	3,520	1,267	1,405	2,423	2,527	667	1,438	11,376	5,702	35,414
2033	3,152	1,959	3,652	1,272	1,418	2,436	2,559	673	1,447	11,448	5,770	35,786
2034	3,167	1,967	3,706	1,275	1,436	2,457	2,594	679	1,456	11,541	5,826	36,104
2035	3,193	1,980	3,748	1,277	1,458	2,485	2,631	684	1,473	11,624	5,900	36,453
2036	3,227	1,995	3,794	1,281	1,479	2,519	2,672	687	1,488	11,717	5,964	36,823
2037	3,265	2,014	3,829	1,286	1,499	2,558	2,715	692	1,503	11,789	6,024	37,174
2038	3,306	2,037	3,850	1,290	1,519	2,597	2,759	698	1,518	11,872	6,078	37,524
2039	3,346	2,058	3,867	1,294	1,539	2,640	2,794	702	1,529	11,944	6,126	37,839
2040	3,381	2,074	3,893	1,296	1,557	2,686	2,838	708	1,541	12,006	6,167	38,147
2041	3,417	2,095	3,915	1,300	1,581	2,727	2,881	712	1,551	12,079	6,207	38,465
2042	3,449	2,111	3,927	1,303	1,604	2,764	2,919	714	1,561	12,130	6,248	38,730
2043	3,480	2,123	3,948	1,307	1,631	2,802	2,957	716	1,571	12,192	6,288	39,015
2044	3,504	2,130	3,969	1,309	1,654	2,837	3,006	719	1,581	12,244	6,327	39,280
2045	3,527	2,137	3,988	1,311	1,675	2,864	3,050	721	1,590	12,296	6,366	39,525
2046	3,543	2,142	3,997	1,312	1,689	2,885	3,090	723	1,599	12,347	6,398	39,725
2047	3,554	2,146	4,001	1,313	1,699	2,897	3,128	725	1,605	12,389	6,425	39,882
2048	3,558	2,150	4,003	1,313	1,706	2,906	3,162	727	1,610	12,440	6,445	40,020
2049	3,563	2,152	4,007	1,314	1,709	2,912	3,184	729	1,614	12,492	6,458	40,134
2050	3,565	2,154	4,011	1,314	1,716	2,914	3,199	732	1,618	12,533	6,464	40,220
2051	3,568	2,156	4,013	1,318	1,723	2,916	3,211	734	1,620	12,585	6,472	40,316
2052	3,574	2,158	4,015	1,321	1,733	2,924	3,220	735	1,622	12,626	6,481	40,409
2053	3,578	2,160	4,017	1,322	1,735	2,930	3,228	737	1,624	12,657	6,494	40,482
2054	3,581	2,162	4,019	1,323	1,738	2,934	3,234	739	1,626	12,688	6,501	40,545
2055	3,583	2,165	4,021	1,324	1,741	2,938	3,239	741	1,628	12,719	6,509	40,608

Note: 90th percentile summer peak demand forecast is representative of a warmer than expected summer peak day.

Note: Expected weather conditions include an increasing temperature trend from the NYISO *Climate Change Impact Study Phase I* report.

Note: Forecast values assume no demand response reductions.

Note: Ratios based on Load Forecast Uncertainty distributions reviewed by Load Forecasting Task Force (LFTF) and New York State Reliability Council (NYSRC) Installed Capacity Subcommittee (ICS) in spring 2023 & retained in spring 2024.

Table I-7b: 10th Percentile Forecast of Baseline Summer Coincident Peak Demand due to Weather
Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

10th Percentile of Summer Coincident Peak Demand due to Weather - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	2,657	1,721	2,334	641	1,215	2,084	2,080	550	1,169	9,807	4,605	28,863
2026	2,730	1,720	2,382	967	1,204	2,071	2,116	551	1,172	9,830	4,599	29,342
2027	2,724	1,713	2,448	1,086	1,200	2,090	2,141	555	1,178	9,858	4,618	29,611
2028	2,714	1,701	2,539	1,088	1,200	2,080	2,153	555	1,186	9,876	4,637	29,729
2029	2,709	1,694	2,668	1,094	1,202	2,080	2,155	557	1,193	9,894	4,679	29,925
2030	2,706	1,689	2,841	1,095	1,213	2,082	2,156	557	1,200	9,912	4,741	30,192
2031	2,713	1,690	2,946	1,097	1,213	2,091	2,169	559	1,207	9,958	4,807	30,450
2032	2,720	1,694	3,053	1,099	1,219	2,103	2,193	564	1,215	10,031	4,861	30,752
2033	2,734	1,700	3,168	1,103	1,230	2,114	2,221	568	1,223	10,094	4,919	31,074
2034	2,747	1,706	3,215	1,106	1,246	2,133	2,251	574	1,230	10,176	4,967	31,351
2035	2,770	1,717	3,252	1,108	1,264	2,157	2,283	578	1,244	10,249	5,030	31,652
2036	2,799	1,730	3,292	1,111	1,283	2,186	2,319	581	1,257	10,331	5,085	31,974
2037	2,832	1,747	3,321	1,115	1,301	2,220	2,357	584	1,270	10,395	5,135	32,277
2038	2,868	1,767	3,340	1,119	1,317	2,254	2,395	590	1,282	10,468	5,181	32,581
2039	2,903	1,785	3,355	1,123	1,335	2,292	2,425	593	1,292	10,532	5,223	32,858
2040	2,933	1,799	3,377	1,124	1,351	2,331	2,463	598	1,302	10,586	5,258	33,122
2041	2,964	1,817	3,396	1,128	1,371	2,367	2,500	601	1,311	10,650	5,292	33,397
2042	2,992	1,831	3,407	1,130	1,392	2,399	2,533	603	1,319	10,696	5,327	33,629
2043	3,019	1,842	3,425	1,134	1,415	2,432	2,566	605	1,328	10,750	5,361	33,877
2044	3,039	1,848	3,443	1,136	1,435	2,463	2,609	607	1,336	10,796	5,394	34,106
2045	3,060	1,854	3,460	1,137	1,453	2,485	2,647	609	1,344	10,842	5,427	34,318
2046	3,074	1,858	3,467	1,138	1,465	2,504	2,682	611	1,351	10,887	5,455	34,492
2047	3,083	1,862	3,471	1,139	1,474	2,515	2,715	613	1,356	10,924	5,478	34,630
2048	3,087	1,865	3,473	1,139	1,480	2,522	2,744	614	1,360	10,969	5,494	34,747
2049	3,091	1,867	3,476	1,140	1,483	2,528	2,764	616	1,364	11,015	5,505	34,849
2050	3,092	1,868	3,479	1,140	1,489	2,530	2,777	618	1,367	11,051	5,511	34,922
2051	3,095	1,870	3,481	1,143	1,495	2,531	2,787	620	1,368	11,097	5,517	35,004
2052	3,100	1,872	3,483	1,146	1,503	2,538	2,795	621	1,370	11,133	5,526	35,087
2053	3,104	1,874	3,485	1,147	1,505	2,543	2,801	622	1,372	11,160	5,537	35,150
2054	3,106	1,876	3,486	1,148	1,508	2,547	2,807	624	1,374	11,188	5,542	35,206
2055	3,108	1,878	3,488	1,149	1,510	2,550	2,812	626	1,375	11,215	5,550	35,261

Note: 10th percentile summer peak demand forecast is representative of a cooler than expected summer peak day.

Note: Expected weather conditions include an increasing temperature trend from the NYISO *Climate Change Impact Study Phase I* report.

Note: Forecast values assume no demand response reductions.

Note: Ratios based on Load Forecast Uncertainty distributions reviewed by Load Forecasting Task Force (LFTF) and New York State Reliability Council (NYSRC) Installed Capacity Subcommittee (ICS) in spring 2023 & retained in spring 2024.

Table I-7c: 90th Percentile Forecast of Baseline Winter Coincident Peak Demand due to Weather
Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

90th Percentile of Winter Coincident Peak Demand due to Weather - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025-26	2,331	1,578	2,618	879	1,388	1,994	1,680	544	981	7,854	3,392	25,239
2026-27	2,423	1,591	2,694	1,303	1,390	1,999	1,733	548	988	7,906	3,417	25,992
2027-28	2,431	1,598	2,806	1,374	1,402	2,024	1,776	551	998	7,987	3,496	26,443
2028-29	2,452	1,606	2,939	1,380	1,412	2,049	1,816	557	1,017	8,151	3,635	27,014
2029-30	2,472	1,612	3,105	1,384	1,439	2,081	1,854	564	1,035	8,303	3,801	27,650
2030-31	2,503	1,632	3,345	1,389	1,467	2,119	1,903	573	1,056	8,465	3,955	28,407
2031-32	2,547	1,657	3,496	1,397	1,496	2,167	1,959	583	1,079	8,668	4,123	29,172
2032-33	2,609	1,695	3,660	1,406	1,529	2,224	2,027	595	1,107	8,873	4,280	30,005
2033-34	2,677	1,732	3,824	1,413	1,566	2,299	2,101	607	1,137	9,101	4,416	30,873
2034-35	2,758	1,779	3,923	1,423	1,619	2,381	2,185	622	1,177	9,360	4,543	31,770
2035-36	2,838	1,828	4,019	1,432	1,692	2,471	2,276	640	1,216	9,695	4,686	32,793
2036-37	2,952	1,893	4,100	1,435	1,765	2,585	2,398	664	1,271	10,152	4,822	34,037
2037-38	3,073	1,962	4,182	1,439	1,872	2,719	2,537	685	1,323	10,694	4,985	35,471
2038-39	3,224	2,049	4,282	1,451	1,984	2,861	2,670	711	1,377	11,236	5,180	37,025
2039-40	3,367	2,138	4,392	1,463	2,065	3,005	2,819	736	1,435	11,757	5,389	38,566
2040-41	3,505	2,217	4,517	1,473	2,153	3,163	2,960	757	1,488	12,267	5,638	40,138
2041-42	3,632	2,304	4,600	1,485	2,244	3,281	3,098	772	1,534	12,713	5,879	41,542
2042-43	3,758	2,382	4,706	1,491	2,310	3,416	3,218	799	1,586	13,139	6,108	42,913
2043-44	3,901	2,466	4,818	1,501	2,394	3,538	3,346	822	1,646	13,553	6,332	44,317
2044-45	3,999	2,531	4,901	1,509	2,469	3,660	3,482	847	1,695	13,915	6,529	45,537
2045-46	4,123	2,611	4,973	1,515	2,542	3,779	3,578	872	1,748	14,212	6,746	46,699
2046-47	4,207	2,678	5,067	1,520	2,615	3,914	3,669	896	1,798	14,489	6,907	47,760
2047-48	4,315	2,738	5,147	1,524	2,696	4,025	3,756	910	1,838	14,765	7,068	48,782
2048-49	4,380	2,789	5,233	1,530	2,756	4,156	3,851	928	1,873	15,020	7,200	49,716
2049-50	4,464	2,824	5,275	1,536	2,790	4,248	3,913	940	1,905	15,243	7,302	50,440
2050-51	4,520	2,846	5,328	1,541	2,834	4,331	3,989	955	1,936	15,456	7,406	51,142
2051-52	4,591	2,882	5,343	1,545	2,863	4,393	4,067	965	1,960	15,669	7,512	51,790
2052-53	4,637	2,909	5,379	1,551	2,891	4,449	4,141	978	1,990	15,860	7,589	52,374
2053-54	4,683	2,942	5,389	1,554	2,902	4,464	4,185	986	2,014	16,041	7,671	52,831
2054-55	4,694	2,964	5,415	1,555	2,925	4,483	4,207	989	2,023	16,094	7,738	53,087
2055-56	4,696	2,968	5,418	1,559	2,928	4,486	4,220	992	2,024	16,115	7,744	53,150

Note: 90th percentile winter peak demand forecast is representative of a colder than expected winter peak day.

Note: Expected weather conditions include an increasing temperature trend from the NYSO *Climate Change Impact Study Phase I* report.

Note: Values reflect Dynamic Winter Load Forecast Uncertainty (LFU) distributions used in the 2024 Reliability Needs Assessment (RNA).

Table I-7d: 10th Percentile Forecast of Baseline Winter Coincident Peak Demand due to Weather
Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

10th Percentile of Winter Coincident Peak Demand due to Weather - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025-26	2,123	1,437	2,385	801	1,264	1,816	1,530	496	894	7,154	3,089	22,989
2026-27	2,205	1,447	2,451	1,185	1,265	1,819	1,577	498	899	7,193	3,109	23,648
2027-28	2,208	1,451	2,548	1,248	1,273	1,838	1,613	501	906	7,252	3,175	24,013
2028-29	2,219	1,454	2,660	1,250	1,278	1,855	1,644	504	920	7,379	3,290	24,453
2029-30	2,229	1,454	2,800	1,248	1,297	1,877	1,672	509	934	7,486	3,427	24,933
2030-31	2,245	1,464	3,001	1,246	1,316	1,901	1,707	514	948	7,594	3,548	25,484
2031-32	2,266	1,474	3,110	1,243	1,331	1,928	1,743	519	960	7,713	3,668	25,955
2032-33	2,305	1,498	3,233	1,242	1,350	1,965	1,790	526	978	7,838	3,781	26,506
2033-34	2,351	1,521	3,358	1,241	1,375	2,018	1,845	533	999	7,990	3,877	27,108
2034-35	2,404	1,550	3,420	1,240	1,411	2,075	1,904	542	1,026	8,159	3,960	27,691
2035-36	2,456	1,582	3,479	1,239	1,465	2,139	1,970	554	1,052	8,390	4,055	28,381
2036-37	2,555	1,639	3,548	1,242	1,527	2,237	2,076	575	1,100	8,786	4,173	29,458
2037-38	2,660	1,698	3,619	1,246	1,620	2,353	2,196	592	1,145	9,255	4,315	30,699
2038-39	2,790	1,774	3,706	1,256	1,717	2,476	2,311	615	1,191	9,724	4,483	32,043
2039-40	2,914	1,850	3,801	1,266	1,788	2,601	2,440	637	1,242	10,175	4,664	33,378
2040-41	3,033	1,919	3,909	1,275	1,863	2,738	2,562	655	1,288	10,617	4,880	34,739
2041-42	3,144	1,994	3,981	1,285	1,942	2,840	2,681	668	1,328	11,003	5,089	35,955
2042-43	3,252	2,062	4,073	1,291	1,999	2,957	2,785	692	1,373	11,371	5,286	37,141
2043-44	3,376	2,134	4,169	1,299	2,072	3,062	2,896	711	1,424	11,730	5,480	38,353
2044-45	3,461	2,191	4,242	1,306	2,137	3,168	3,014	733	1,467	12,043	5,651	39,413
2045-46	3,569	2,260	4,304	1,311	2,200	3,271	3,097	754	1,512	12,300	5,838	40,416
2046-47	3,641	2,317	4,386	1,316	2,263	3,387	3,176	776	1,556	12,540	5,978	41,336
2047-48	3,734	2,370	4,455	1,319	2,333	3,483	3,250	788	1,591	12,779	6,117	42,219
2048-49	3,790	2,414	4,529	1,324	2,386	3,597	3,333	803	1,621	13,000	6,231	43,028
2049-50	3,863	2,444	4,565	1,329	2,415	3,676	3,387	813	1,649	13,193	6,319	43,653
2050-51	3,912	2,463	4,611	1,334	2,453	3,748	3,453	826	1,675	13,377	6,410	44,262
2051-52	3,973	2,494	4,624	1,337	2,478	3,802	3,520	835	1,696	13,561	6,502	44,822
2052-53	4,013	2,518	4,655	1,342	2,502	3,850	3,584	846	1,722	13,726	6,568	45,326
2053-54	4,053	2,547	4,664	1,345	2,512	3,863	3,622	854	1,743	13,883	6,639	45,725
2054-55	4,063	2,565	4,686	1,346	2,532	3,880	3,641	856	1,751	13,929	6,697	45,946
2055-56	4,065	2,569	4,689	1,350	2,534	3,882	3,652	858	1,752	13,947	6,702	46,000

Note: 10th percentile winter peak demand forecast is representative of a warmer than expected winter peak day.

Note: Expected weather conditions include an increasing temperature trend from the NYISO *Climate Change Impact Study Phase I* report.

Note: Values reflect Dynamic Winter LFU distributions used in the 2024 *Reliability Needs Assessment*.

Note: Values reflect Dynamic Winter Load Forecast Uncertainty (LFU) distributions used in the 2024 *Reliability Needs Assessment (RNA)*.

Table I-7e: 99th Percentile Forecast of Baseline Summer Coincident Peak Demand due to Weather
Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

99th Percentile of Summer Coincident Peak Demand due to Weather - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	3,210	2,079	2,820	775	1,468	2,487	2,482	676	1,437	11,566	5,717	34,717
2026	3,299	2,078	2,879	1,168	1,455	2,472	2,526	677	1,441	11,594	5,709	35,298
2027	3,291	2,069	2,958	1,313	1,449	2,494	2,555	682	1,449	11,626	5,733	35,619
2028	3,279	2,056	3,068	1,315	1,449	2,483	2,570	682	1,458	11,647	5,757	35,764
2029	3,273	2,047	3,224	1,322	1,453	2,482	2,572	684	1,466	11,669	5,808	36,000
2030	3,270	2,041	3,432	1,323	1,465	2,485	2,573	684	1,475	11,690	5,886	36,324
2031	3,278	2,042	3,560	1,325	1,465	2,496	2,588	688	1,484	11,744	5,967	36,637
2032	3,287	2,047	3,689	1,328	1,473	2,510	2,618	693	1,493	11,830	6,035	37,003
2033	3,303	2,054	3,828	1,333	1,486	2,524	2,651	699	1,503	11,905	6,107	37,393
2034	3,319	2,061	3,884	1,336	1,505	2,545	2,687	705	1,512	12,002	6,166	37,722
2035	3,347	2,075	3,929	1,338	1,528	2,574	2,725	711	1,529	12,088	6,245	38,089
2036	3,382	2,091	3,977	1,343	1,550	2,609	2,768	714	1,546	12,185	6,312	38,477
2037	3,422	2,111	4,013	1,347	1,572	2,650	2,813	718	1,561	12,260	6,375	38,842
2038	3,465	2,135	4,035	1,352	1,592	2,690	2,858	725	1,576	12,346	6,432	39,206
2039	3,507	2,157	4,053	1,356	1,613	2,735	2,894	729	1,588	12,421	6,484	39,537
2040	3,543	2,174	4,080	1,359	1,632	2,782	2,940	736	1,600	12,486	6,527	39,859
2041	3,581	2,196	4,104	1,363	1,657	2,825	2,984	739	1,611	12,561	6,569	40,190
2042	3,615	2,213	4,116	1,365	1,681	2,863	3,023	741	1,621	12,615	6,613	40,466
2043	3,648	2,225	4,139	1,370	1,709	2,903	3,063	743	1,632	12,679	6,655	40,766
2044	3,672	2,233	4,160	1,372	1,734	2,939	3,114	747	1,642	12,733	6,696	41,042
2045	3,697	2,240	4,180	1,374	1,755	2,966	3,159	749	1,652	12,786	6,737	41,295
2046	3,714	2,245	4,189	1,375	1,770	2,988	3,201	751	1,660	12,840	6,772	41,505
2047	3,725	2,250	4,193	1,377	1,781	3,001	3,240	753	1,667	12,883	6,800	41,670
2048	3,729	2,253	4,196	1,377	1,788	3,010	3,276	755	1,672	12,937	6,821	41,814
2049	3,735	2,255	4,200	1,378	1,791	3,017	3,299	758	1,677	12,991	6,834	41,935
2050	3,736	2,258	4,204	1,378	1,799	3,019	3,314	760	1,680	13,034	6,841	42,023
2051	3,739	2,260	4,206	1,381	1,806	3,021	3,326	762	1,682	13,087	6,849	42,119
2052	3,746	2,262	4,208	1,384	1,816	3,029	3,336	763	1,684	13,130	6,860	42,218
2053	3,751	2,264	4,210	1,385	1,818	3,035	3,344	765	1,687	13,163	6,873	42,295
2054	3,753	2,267	4,213	1,387	1,822	3,040	3,350	767	1,689	13,195	6,880	42,363
2055	3,755	2,269	4,215	1,388	1,825	3,043	3,356	770	1,691	13,227	6,889	42,428

Note: 99th percentile summer peak demand forecast is representative of an extremely hot and humid (well above expected weather) summer peak day.

Note: Expected weather conditions include an increasing temperature trend from the NYISO *Climate Change Impact Study Phase I* report.

Note: Forecast values assume no demand response reductions.

Note: Ratios based on Load Forecast Uncertainty distributions reviewed by Load Forecasting Task Force (LFTF) and New York State Reliability Council (NYSRC) Installed Capacity Subcommittee (ICS) in spring 2023 & retained in spring 2024.

Table I-7f: 99th Percentile Forecast of Baseline Winter Coincident Peak Demand due to Weather
Includes Impacts of Energy Saving Programs, Behind-the-Meter Generation, Electrification, & Large Loads

99th Percentile of Winter Coincident Peak Demand due to Weather - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025-26	2,427	1,643	2,726	915	1,445	2,076	1,750	567	1,022	8,178	3,532	26,281
2026-27	2,523	1,656	2,805	1,356	1,448	2,082	1,805	570	1,028	8,232	3,558	27,063
2027-28	2,534	1,666	2,925	1,432	1,461	2,110	1,851	574	1,040	8,323	3,644	27,560
2028-29	2,557	1,675	3,065	1,440	1,473	2,137	1,894	581	1,061	8,502	3,791	28,176
2029-30	2,581	1,683	3,242	1,445	1,502	2,173	1,936	589	1,081	8,667	3,968	28,867
2030-31	2,617	1,707	3,498	1,452	1,534	2,216	1,990	599	1,105	8,853	4,136	29,707
2031-32	2,670	1,737	3,665	1,465	1,568	2,272	2,054	611	1,132	9,089	4,323	30,586
2032-33	2,740	1,781	3,844	1,477	1,605	2,336	2,128	625	1,162	9,318	4,495	31,511
2033-34	2,819	1,824	4,027	1,488	1,649	2,421	2,213	639	1,198	9,583	4,650	32,511
2034-35	2,909	1,876	4,138	1,500	1,707	2,511	2,304	656	1,241	9,872	4,792	33,506
2035-36	2,998	1,932	4,246	1,513	1,788	2,611	2,404	676	1,285	10,242	4,950	34,645
2036-37	3,119	2,000	4,331	1,516	1,864	2,731	2,533	702	1,343	10,725	5,094	35,958
2037-38	3,247	2,073	4,418	1,521	1,978	2,873	2,681	723	1,398	11,297	5,267	37,476
2038-39	3,406	2,165	4,523	1,533	2,096	3,022	2,821	751	1,454	11,870	5,472	39,113
2039-40	3,557	2,258	4,640	1,545	2,182	3,175	2,978	777	1,516	12,420	5,694	40,742
2040-41	3,703	2,343	4,772	1,556	2,274	3,342	3,128	800	1,572	12,959	5,956	42,405
2041-42	3,837	2,434	4,859	1,569	2,371	3,467	3,272	815	1,620	13,431	6,211	43,886
2042-43	3,970	2,517	4,972	1,576	2,440	3,609	3,399	844	1,676	13,880	6,453	45,336
2043-44	4,121	2,605	5,089	1,586	2,529	3,737	3,535	868	1,738	14,318	6,690	46,816
2044-45	4,225	2,674	5,178	1,595	2,609	3,866	3,679	895	1,791	14,700	6,897	48,109
2045-46	4,356	2,758	5,253	1,600	2,685	3,992	3,780	921	1,846	15,015	7,127	49,333
2046-47	4,445	2,829	5,353	1,606	2,763	4,135	3,877	947	1,899	15,306	7,297	50,457
2047-48	4,558	2,893	5,438	1,610	2,848	4,252	3,968	961	1,942	15,598	7,467	51,535
2048-49	4,627	2,947	5,529	1,616	2,912	4,391	4,069	980	1,979	15,868	7,606	52,524
2049-50	4,715	2,984	5,572	1,623	2,948	4,488	4,134	993	2,012	16,104	7,714	53,287
2050-51	4,775	3,006	5,628	1,628	2,994	4,575	4,215	1,008	2,045	16,328	7,824	54,026
2051-52	4,850	3,044	5,644	1,632	3,024	4,641	4,297	1,020	2,071	16,553	7,936	54,712
2052-53	4,899	3,074	5,682	1,638	3,055	4,700	4,375	1,033	2,102	16,755	8,017	55,330
2053-54	4,947	3,108	5,694	1,642	3,066	4,715	4,421	1,042	2,128	16,946	8,104	55,813
2054-55	4,959	3,131	5,721	1,643	3,090	4,736	4,445	1,044	2,137	17,002	8,174	56,082
2055-56	4,961	3,135	5,724	1,647	3,093	4,739	4,458	1,048	2,138	17,025	8,181	56,149

Note: 99th percentile winter peak demand forecast is representative of an extremely cold (well below expected weather) winter peak day.

Note: Expected weather conditions include an increasing temperature trend from the NYISO *Climate Change Impact Study Phase I* report.

Note: Values reflect Dynamic Winter LFU distributions used in the 2024 *Reliability Needs Assessment*.

Note: Values reflect Dynamic Winter Load Forecast Uncertainty (LFU) distributions used in the 2024 *Reliability Needs Assessment (RNA)*.

Table I-8a: Energy Efficiency and Codes & Standards Energy Impacts
Reflects Cumulative Impacts

Estimated Historical Cumulative Reductions in Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2004	228	114	224	21	105	168	46	29	42	371	21	1,369
2005	320	163	316	29	148	237	68	42	63	555	36	1,977
2006	451	236	447	41	210	334	100	61	92	804	57	2,833
2007	540	287	537	49	253	401	131	76	118	1,039	81	3,512
2008	588	347	587	53	275	441	153	82	130	1,125	255	4,036
2009	703	423	698	63	331	535	228	99	157	1,371	429	5,037
2010	873	507	838	75	411	672	297	120	207	1,840	639	6,479
2011	1,124	651	1,049	94	525	865	439	152	273	2,433	880	8,485
2012	1,279	758	1,192	107	602	988	534	172	311	2,768	1,173	9,884
2013	1,442	886	1,353	121	687	1,125	643	197	356	3,206	1,513	11,529
2014	1,641	1,031	1,542	137	787	1,284	771	225	412	3,687	1,852	13,369
2015	1,859	1,170	1,742	154	896	1,471	897	252	459	4,105	2,228	15,233
2016	2,052	1,260	1,898	168	989	1,643	1,055	271	504	4,508	2,647	16,995
2017	2,279	1,397	2,097	186	1,102	1,839	1,258	302	580	5,195	2,986	19,221
2018	2,500	1,517	2,290	203	1,212	2,030	1,467	333	658	5,901	3,377	21,488
2019	2,745	1,650	2,501	222	1,333	2,244	1,711	369	760	6,814	3,803	24,152
2020	2,987	1,778	2,709	241	1,452	2,455	1,934	404	855	7,664	4,264	26,743
2021	3,259	1,894	2,929	263	1,583	2,697	2,146	436	944	8,455	4,609	29,215
2022	3,502	2,032	3,147	282	1,704	2,906	2,371	470	1,024	9,169	4,934	31,541
2023	3,689	2,223	3,346	299	1,803	3,054	2,543	504	1,084	9,707	5,306	33,558
2024	3,909	2,336	3,539	313	1,906	3,241	2,770	537	1,121	10,012	5,673	35,357

Forecast of Cumulative Reductions in Annual Energy by Zone Relative to 2024 - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	135	113	164	25	74	98	306	40	56	396	333	1,740
2026	329	253	387	64	181	245	480	91	132	1,175	723	4,060
2027	503	391	595	98	276	373	620	137	185	1,727	1,075	5,980
2028	677	527	800	128	370	499	752	183	235	2,256	1,415	7,842
2029	846	660	999	159	461	622	904	228	282	2,760	1,741	9,662
2030	1,029	793	1,200	196	555	759	1,085	272	340	3,311	2,058	11,598
2031	1,203	914	1,384	236	642	892	1,273	313	395	3,794	2,337	13,383
2032	1,366	1,022	1,546	273	719	1,016	1,449	349	446	4,201	2,575	14,962
2033	1,512	1,122	1,695	305	791	1,129	1,617	382	493	4,569	2,794	16,409
2034	1,646	1,212	1,831	333	856	1,235	1,774	413	536	4,905	2,998	17,739
2035	1,768	1,295	1,956	359	917	1,331	1,920	442	575	5,212	3,186	18,961
2036	1,878	1,371	2,069	381	971	1,419	2,055	468	610	5,492	3,358	20,072
2037	1,976	1,441	2,171	400	1,021	1,498	2,181	491	640	5,733	3,517	21,069
2038	2,066	1,503	2,265	418	1,067	1,570	2,298	514	669	5,956	3,666	21,992
2039	2,154	1,567	2,358	434	1,112	1,642	2,415	537	696	6,174	3,817	22,906
2040	2,245	1,631	2,454	452	1,157	1,716	2,532	559	729	6,425	3,971	23,871
2041	2,332	1,694	2,545	469	1,201	1,787	2,644	582	757	6,651	4,125	24,787
2042	2,411	1,751	2,629	483	1,242	1,852	2,747	603	784	6,861	4,272	25,635
2043	2,484	1,807	2,708	494	1,279	1,913	2,843	622	809	7,052	4,410	26,421
2044	2,552	1,858	2,781	506	1,315	1,969	2,930	640	832	7,234	4,544	27,161
2045	2,613	1,906	2,847	514	1,347	2,020	3,009	658	851	7,389	4,671	27,825
2046	2,671	1,954	2,911	522	1,377	2,068	3,085	674	870	7,538	4,798	28,468
2047	2,728	2,001	2,975	530	1,408	2,117	3,159	690	888	7,686	4,926	29,108
2048	2,784	2,048	3,038	536	1,436	2,163	3,231	707	906	7,833	5,055	29,737
2049	2,835	2,091	3,096	542	1,463	2,205	3,301	722	921	7,957	5,180	30,313
2050	2,884	2,134	3,151	546	1,490	2,245	3,367	735	935	8,078	5,305	30,870
2051	2,932	2,178	3,207	551	1,515	2,286	3,433	750	950	8,200	5,432	31,434
2052	2,980	2,221	3,262	556	1,541	2,325	3,497	764	965	8,327	5,558	31,996
2053	3,025	2,263	3,315	561	1,566	2,363	3,559	778	978	8,438	5,683	32,529
2054	3,070	2,305	3,366	565	1,590	2,400	3,621	793	992	8,552	5,805	33,059
2055	3,115	2,347	3,417	569	1,614	2,438	3,685	806	1,006	8,668	5,931	33,596

Table I-8b: Energy Efficiency and Codes & Standards Summer Peak Impacts
Reflects Cumulative Impacts

Reductions in Summer Coincident Peak Demand by Zone Relative to 2024 - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	22	22	29	5	12	15	52	8	9	63	72	309
2026	54	49	69	12	31	38	81	17	22	199	157	729
2027	83	75	107	18	47	59	105	27	34	318	235	1,108
2028	113	102	144	24	63	79	128	36	45	437	310	1,481
2029	141	128	181	31	80	99	155	45	56	552	383	1,851
2030	172	154	218	38	96	121	186	54	68	664	454	2,225
2031	201	179	251	45	111	142	219	63	80	767	517	2,575
2032	229	200	281	52	124	163	250	70	91	857	572	2,889
2033	255	219	308	58	137	181	279	77	101	933	623	3,171
2034	277	238	334	64	149	199	307	83	110	1,003	670	3,434
2035	298	254	356	69	160	214	333	90	117	1,067	712	3,670
2036	316	270	377	74	169	228	358	94	125	1,124	752	3,887
2037	333	285	396	77	178	241	379	99	131	1,175	789	4,083
2038	348	297	413	80	185	252	400	103	137	1,220	823	4,258
2039	362	309	429	82	193	264	422	108	142	1,266	858	4,435
2040	378	321	446	86	201	276	442	112	148	1,306	891	4,607
2041	392	333	463	90	208	287	463	116	153	1,347	925	4,777
2042	405	344	476	91	214	296	480	119	157	1,378	956	4,916
2043	415	355	489	95	221	306	496	123	162	1,411	985	5,058
2044	425	365	500	96	226	314	510	127	165	1,436	1,012	5,176
2045	435	372	511	96	231	322	522	129	168	1,458	1,036	5,280
2046	443	381	520	99	235	327	534	132	171	1,480	1,060	5,382
2047	450	389	530	98	240	334	546	135	173	1,497	1,084	5,476
2048	458	396	539	99	244	341	557	137	175	1,512	1,107	5,565
2049	464	402	547	98	247	345	569	139	176	1,528	1,128	5,643
2050	470	409	554	99	251	351	577	142	178	1,540	1,148	5,719
2051	476	416	561	100	253	355	587	142	180	1,553	1,169	5,792
2052	481	422	568	101	256	360	597	144	181	1,564	1,190	5,864
2053	486	427	574	101	259	364	606	147	183	1,575	1,211	5,933
2054	491	433	579	101	261	367	615	149	184	1,588	1,230	5,998
2055	495	439	584	100	264	371	624	152	186	1,600	1,251	6,066

Table I-8c: Energy Efficiency and Codes & Standards Winter Peak Impacts
Reflects Cumulative Impacts

Reductions in Winter Coincident Peak Demand by Zone Relative to 2024-25 - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025-26	19	18	25	4	11	13	38	6	8	58	49	249
2026-27	47	40	60	10	26	33	59	15	20	173	107	590
2027-28	72	63	93	16	40	51	78	23	28	256	160	880
2028-29	98	85	126	21	55	68	95	31	35	339	211	1,164
2029-30	123	106	159	26	70	85	115	39	43	420	262	1,448
2030-31	151	129	192	32	85	105	139	46	52	510	311	1,752
2031-32	178	150	225	37	98	125	165	54	62	593	356	2,043
2032-33	205	168	253	44	112	144	190	60	71	670	396	2,313
2033-34	229	186	280	51	124	162	212	67	80	743	435	2,569
2034-35	253	202	306	57	135	180	235	73	89	815	471	2,816
2035-36	275	218	331	61	147	197	259	80	97	884	507	3,056
2036-37	295	233	355	67	158	213	280	86	105	952	542	3,286
2037-38	316	248	377	70	168	228	300	92	114	1,021	576	3,510
2038-39	335	261	399	76	178	243	321	98	122	1,087	610	3,730
2039-40	356	276	421	80	190	259	340	103	130	1,154	644	3,953
2040-41	377	292	445	86	200	274	361	109	139	1,227	681	4,191
2041-42	396	305	466	88	210	290	380	115	148	1,297	717	4,412
2042-43	415	320	488	92	220	306	400	120	156	1,361	753	4,631
2043-44	434	334	508	97	230	321	420	127	163	1,424	786	4,844
2044-45	454	350	530	100	241	337	440	131	170	1,481	819	5,053
2045-46	473	364	550	104	250	352	459	137	177	1,532	851	5,249
2046-47	493	381	572	109	260	368	481	142	183	1,582	882	5,453
2047-48	514	398	595	111	272	384	501	147	188	1,630	915	5,655
2048-49	534	414	617	115	281	401	524	153	194	1,675	946	5,854
2049-50	555	431	640	119	293	419	545	158	199	1,712	978	6,049
2050-51	576	450	662	122	304	436	566	162	202	1,744	1,006	6,230
2051-52	597	468	686	125	315	453	589	166	205	1,775	1,036	6,415
2052-53	618	485	708	130	325	470	613	172	209	1,805	1,064	6,599
2053-54	639	502	730	134	336	487	638	176	213	1,832	1,093	6,780
2054-55	660	519	754	136	346	505	665	182	216	1,860	1,122	6,965
2055-56	682	537	778	139	357	523	693	187	220	1,888	1,151	7,155

Table I-9a: Solar PV Nameplate Capacity, Behind-the-Meter
Reflects Total Cumulative Nameplate Capacity

Nameplate Capacity by Zone - MW DC

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013	15	6	16	1	7	35	27	4	10	27	74	222
2014	19	13	26	2	14	65	49	7	15	47	126	383
2015	27	25	46	3	26	100	89	15	24	73	225	653
2016	34	37	73	4	38	151	128	24	33	109	333	964
2017	53	63	101	4	61	219	151	29	40	147	413	1,281
2018	65	97	134	10	90	298	189	36	47	194	478	1,638
2019	94	126	199	25	126	342	276	44	54	240	632	2,158
2020	139	159	299	28	187	436	361	51	63	286	697	2,706
2021	183	258	480	38	266	497	468	71	75	350	775	3,461
2022	226	403	619	45	418	539	573	82	107	423	873	4,308
2023	313	487	769	60	532	656	650	95	128	509	995	5,194
2024	425	588	1,056	111	701	865	720	116	149	597	1,087	6,415
2025	531	732	1,279	157	859	1,002	815	129	166	675	1,178	7,523
2026	641	859	1,457	191	1,004	1,121	894	141	179	742	1,257	8,486
2027	725	956	1,620	215	1,120	1,228	966	151	191	802	1,328	9,302
2028	791	1,031	1,765	232	1,213	1,321	1,028	160	202	854	1,390	9,987
2029	842	1,089	1,891	243	1,288	1,401	1,081	168	211	898	1,443	10,555
2030	885	1,136	1,995	252	1,350	1,466	1,124	174	218	935	1,486	11,021
2031	924	1,177	2,088	260	1,406	1,523	1,162	180	225	968	1,526	11,439
2032	958	1,213	2,170	267	1,455	1,572	1,195	185	231	998	1,563	11,807
2033	988	1,243	2,240	273	1,497	1,614	1,223	189	236	1,026	1,596	12,125
2034	1,014	1,268	2,299	278	1,533	1,649	1,246	192	240	1,050	1,624	12,393
2035	1,038	1,291	2,354	282	1,567	1,681	1,267	195	244	1,073	1,651	12,643
2036	1,061	1,312	2,405	286	1,598	1,710	1,287	198	247	1,095	1,678	12,877
2037	1,082	1,331	2,453	290	1,627	1,736	1,306	201	250	1,116	1,704	13,096
2038	1,102	1,348	2,497	293	1,654	1,760	1,324	204	253	1,137	1,730	13,302
2039	1,121	1,364	2,538	296	1,679	1,782	1,341	207	256	1,157	1,755	13,496
2040	1,139	1,378	2,576	299	1,703	1,802	1,357	209	259	1,176	1,780	13,678
2041	1,156	1,391	2,611	301	1,725	1,820	1,373	211	262	1,195	1,804	13,849
2042	1,172	1,403	2,644	303	1,746	1,836	1,388	213	265	1,213	1,828	14,011
2043	1,187	1,414	2,674	305	1,765	1,851	1,402	215	267	1,230	1,851	14,161
2044	1,201	1,424	2,702	307	1,783	1,864	1,415	217	269	1,247	1,874	14,303
2045	1,215	1,433	2,728	309	1,800	1,876	1,428	219	271	1,263	1,896	14,438
2046	1,228	1,441	2,752	310	1,816	1,887	1,440	221	273	1,279	1,918	14,565
2047	1,240	1,448	2,774	311	1,831	1,897	1,451	223	275	1,294	1,939	14,683
2048	1,251	1,454	2,795	312	1,845	1,906	1,462	225	277	1,309	1,960	14,796
2049	1,262	1,460	2,814	313	1,858	1,914	1,472	226	279	1,323	1,981	14,902
2050	1,272	1,465	2,832	314	1,870	1,921	1,482	227	281	1,337	2,001	15,002
2051	1,282	1,470	2,849	315	1,881	1,928	1,491	228	283	1,350	2,021	15,098
2052	1,291	1,474	2,864	316	1,891	1,934	1,500	229	284	1,363	2,040	15,186
2053	1,299	1,478	2,878	317	1,901	1,940	1,508	230	285	1,376	2,059	15,271
2054	1,307	1,482	2,891	318	1,910	1,945	1,516	231	286	1,388	2,078	15,352
2055	1,315	1,485	2,903	319	1,918	1,950	1,523	232	287	1,400	2,096	15,428

Note: Historical values reflect information from New York State's "Solar Electric Programs Reported by NYSERDA" database, and from Standardized Interconnection Requirements (SIR) Inventory Information submitted by Transmission Owners.

Note: Nameplate values reflect aggregate MW DC rating of installed panels.

Table I-9b: Solar PV Annual Energy Reductions, Behind-the-Meter
Reflects Total Cumulative Impacts

Reductions in Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	560	810	1,311	169	915	1,069	885	140	184	721	1,307	8,071
2026	699	980	1,562	212	1,107	1,229	991	151	199	802	1,407	9,339
2027	811	1,120	1,793	249	1,269	1,372	1,090	165	215	878	1,502	10,464
2028	899	1,229	2,003	278	1,401	1,503	1,176	178	227	943	1,587	11,424
2029	975	1,317	2,183	295	1,514	1,617	1,250	189	241	1,000	1,660	12,241
2030	1,036	1,390	2,340	305	1,609	1,709	1,312	198	254	1,047	1,720	12,920
2031	1,095	1,457	2,479	320	1,693	1,787	1,366	202	261	1,089	1,775	13,524
2032	1,143	1,512	2,602	333	1,767	1,861	1,411	209	269	1,128	1,826	14,061
2033	1,185	1,563	2,706	344	1,831	1,921	1,452	216	276	1,167	1,870	14,531
2034	1,224	1,604	2,798	355	1,884	1,973	1,484	219	283	1,195	1,909	14,928
2035	1,255	1,635	2,872	359	1,929	2,015	1,508	220	286	1,218	1,938	15,235
2036	1,286	1,666	2,948	363	1,978	2,058	1,535	228	288	1,244	1,974	15,568
2037	1,316	1,696	3,018	373	2,018	2,092	1,560	228	293	1,269	2,006	15,869
2038	1,346	1,722	3,085	373	2,057	2,130	1,584	234	297	1,297	2,038	16,163
2039	1,374	1,749	3,148	379	2,097	2,162	1,607	237	302	1,323	2,070	16,448
2040	1,398	1,773	3,206	384	2,131	2,190	1,629	241	305	1,343	2,101	16,701
2041	1,420	1,791	3,260	392	2,164	2,221	1,652	241	309	1,365	2,132	16,947
2042	1,443	1,810	3,311	397	2,191	2,247	1,674	244	313	1,388	2,162	17,180
2043	1,464	1,829	3,357	395	2,224	2,267	1,691	246	315	1,409	2,192	17,389
2044	1,484	1,843	3,398	397	2,251	2,289	1,709	249	319	1,430	2,220	17,589
2045	1,506	1,860	3,438	403	2,276	2,309	1,727	254	320	1,447	2,248	17,788
2046	1,524	1,871	3,478	403	2,299	2,324	1,744	254	323	1,469	2,277	17,966
2047	1,537	1,885	3,512	406	2,320	2,344	1,758	254	326	1,488	2,302	18,132
2048	1,556	1,895	3,545	409	2,341	2,355	1,775	260	329	1,508	2,329	18,302
2049	1,572	1,906	3,576	410	2,362	2,372	1,790	260	331	1,522	2,355	18,456
2050	1,581	1,911	3,603	415	2,378	2,382	1,803	262	334	1,539	2,379	18,587
2051	1,596	1,921	3,634	416	2,398	2,396	1,816	263	336	1,554	2,405	18,735
2052	1,614	1,927	3,655	419	2,411	2,409	1,828	265	339	1,569	2,429	18,865
2053	1,626	1,933	3,677	422	2,427	2,415	1,840	267	340	1,586	2,456	18,989
2054	1,638	1,942	3,700	423	2,439	2,425	1,851	267	340	1,600	2,478	19,103
2055	1,650	1,950	3,722	425	2,451	2,433	1,861	267	339	1,612	2,497	19,207

Table I-9c: Solar PV Peak Reductions, Behind-the-Meter
Reflects Total Cumulative Impacts

Reductions in Summer Coincident Peak Demand by Zone - MW AC

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	126	174	281	32	181	193	151	26	35	140	242	1,581
2026	142	191	300	37	198	200	152	26	34	141	236	1,657
2027	150	199	313	39	207	204	150	25	34	140	227	1,688
2028	152	200	319	39	210	203	147	25	33	137	218	1,683
2029	150	197	318	38	207	200	144	24	32	134	211	1,655
2030	149	194	318	37	206	198	140	23	31	131	204	1,631
2031	148	192	316	37	204	195	137	23	30	128	199	1,609
2032	147	189	315	36	203	192	134	22	29	125	193	1,585
2033	146	187	314	35	201	189	131	22	28	122	188	1,563
2034	145	185	313	35	200	186	128	21	28	120	182	1,543
2035	144	182	313	35	199	183	125	21	27	117	177	1,523
2036	143	180	312	34	198	181	122	20	26	114	171	1,501
2037	142	178	311	34	197	178	119	19	25	112	166	1,481
2038	142	176	311	34	196	175	116	19	24	109	160	1,462
2039	141	175	310	33	195	173	113	18	24	106	155	1,443
2040	140	173	309	33	194	170	111	18	23	104	150	1,425
2041	140	171	308	33	193	168	108	17	22	102	146	1,408
2042	139	169	306	32	191	165	106	17	22	100	143	1,390
2043	138	167	303	32	190	163	105	17	21	99	140	1,375
2044	136	164	299	32	187	160	103	16	21	98	138	1,354
2045	135	161	295	31	185	157	101	16	21	96	136	1,334
2046	133	158	291	31	182	154	100	16	20	95	134	1,314
2047	131	155	286	30	179	151	98	15	20	93	132	1,290
2048	129	152	281	29	176	148	96	15	19	92	129	1,266
2049	127	149	275	29	172	145	94	15	19	90	126	1,241
2050	124	145	270	28	169	141	91	14	18	88	124	1,212
2051	122	142	264	27	165	138	89	14	18	86	121	1,186
2052	119	138	258	27	161	134	87	14	17	84	118	1,157
2053	117	135	251	26	157	131	85	13	17	82	115	1,129
2054	114	131	245	26	153	127	82	13	16	80	112	1,099
2055	111	127	238	25	149	123	80	12	16	78	108	1,067

Note: The actual impact of solar PV varies considerably by hour of day. The hour of the NYCA coincident peak varies annually. Currently, the NYCA summer peak typically occurs in late afternoon. The NYCA summer peak will likely shift into the evening as additional BTM PV is added to the system, and as electric vehicle charging impacts increase during the evening hours.

Note: The winter coincident peak behind-the-meter solar PV impact is zero because the system typically peaks after sunset.

Table I-9d: Maximum Solar PV Generation, Behind-the-Meter
Reflects Total Cumulative Impacts

Maximum Hourly NYCA BTM Solar PV Generation - MW AC

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	330	461	772	95	520	622	528	86	113	449	797	4,773
2026	407	553	903	120	621	709	588	95	123	501	857	5,477
2027	468	627	1,025	138	704	789	643	103	133	548	913	6,091
2028	519	686	1,136	152	775	861	692	111	142	590	962	6,626
2029	559	733	1,234	162	833	923	734	117	149	627	1,004	7,075
2030	595	773	1,318	170	883	976	770	122	155	657	1,041	7,460
2031	625	806	1,389	177	925	1,019	800	127	161	683	1,071	7,783
2032	651	835	1,452	183	962	1,057	826	131	166	707	1,099	8,069
2033	675	859	1,507	188	995	1,090	848	134	170	728	1,125	8,319
2034	696	880	1,553	192	1,023	1,118	867	137	173	748	1,148	8,535
2035	714	898	1,593	195	1,048	1,142	883	139	176	765	1,167	8,720
2036	731	914	1,631	199	1,070	1,163	898	141	179	782	1,187	8,895
2037	746	928	1,666	202	1,091	1,183	912	144	181	797	1,206	9,056
2038	761	941	1,698	204	1,111	1,200	925	146	183	813	1,225	9,207
2039	775	954	1,728	206	1,129	1,217	937	148	185	828	1,243	9,350
2040	788	964	1,756	209	1,146	1,232	949	150	188	842	1,261	9,485
2041	801	974	1,782	210	1,162	1,245	961	151	190	856	1,279	9,611
2042	813	983	1,806	212	1,177	1,257	972	153	192	869	1,296	9,730
2043	824	992	1,828	214	1,191	1,268	982	154	194	882	1,313	9,842
2044	834	1,000	1,849	215	1,204	1,278	992	156	195	895	1,330	9,948
2045	844	1,006	1,868	217	1,216	1,287	1,001	157	197	907	1,346	10,046
2046	854	1,013	1,885	217	1,228	1,295	1,010	159	198	918	1,362	10,139
2047	863	1,018	1,901	218	1,238	1,302	1,018	160	200	930	1,377	10,225
2048	871	1,023	1,917	219	1,249	1,309	1,026	162	201	941	1,392	10,310
2049	879	1,027	1,931	220	1,258	1,315	1,034	162	203	951	1,407	10,387
2050	887	1,031	1,944	221	1,267	1,320	1,041	163	204	962	1,422	10,462
2051	894	1,035	1,956	221	1,275	1,325	1,048	164	206	971	1,436	10,531
2052	900	1,038	1,967	222	1,282	1,330	1,054	165	207	981	1,450	10,596
2053	906	1,041	1,978	223	1,289	1,334	1,060	165	207	991	1,464	10,658
2054	912	1,044	1,987	224	1,295	1,338	1,066	166	208	999	1,478	10,717
2055	918	1,046	1,996	224	1,301	1,341	1,071	167	209	1,008	1,491	10,772

Note: These values represent the hour with maximum BTM solar generation across the NYCA (assumes a spring day during the noon hour).

Table I-10a: Non-Solar Distributed Generation Nameplate Capacity, Behind-the-Meter
Reflects Total Cumulative Nameplate Capacity

Nameplate Capacity by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2015	17	4	43	1	9	12	4	1	5	75	8	179
2016	17	4	45	1	11	14	5	2	6	79	12	196
2017	17	4	46	1	12	23	7	2	6	84	13	215
2018	17	5	48	1	13	32	7	2	6	102	15	248
2019	17	7	48	1	13	33	7	2	6	131	18	283
2020	17	7	49	2	13	34	7	2	10	148	31	320
2021	17	8	49	2	17	36	8	2	10	159	42	350
2022	17	8	49	2	27	36	8	2	10	172	42	373
2023	17	8	49	2	27	36	8	2	12	176	52	389
2024	17	8	49	2	27	36	12	2	12	190	56	411
2025	17	8	51	2	28	38	13	2	14	209	59	441
2026	17	8	52	2	29	40	14	2	15	220	61	460
2027	17	8	53	2	30	42	15	2	16	227	63	475
2028	17	8	54	2	31	43	16	2	17	234	65	489
2029	17	8	55	2	32	44	17	2	18	240	67	502
2030	17	8	56	2	33	45	18	2	19	245	69	514
2031	17	8	57	2	34	46	19	2	20	250	71	526
2032	17	8	58	2	35	47	20	2	21	255	73	538
2033	17	8	59	2	36	48	21	2	21	259	75	548
2034	17	8	60	2	37	49	22	2	21	263	76	557
2035	17	8	61	2	38	50	23	2	21	267	77	566
2036	17	8	62	2	39	51	24	2	21	271	78	575
2037	17	8	63	2	40	52	25	2	21	274	79	583
2038	17	8	64	2	40	53	26	2	21	277	80	590
2039	17	8	64	2	40	54	26	2	21	280	81	595
2040	17	8	64	2	40	55	26	2	21	282	82	599
2041	17	8	64	2	40	55	26	2	21	284	83	602
2042	17	8	64	2	40	55	26	2	21	286	84	605
2043	17	8	64	2	40	55	26	2	21	288	85	608
2044	17	8	64	2	40	55	26	2	21	290	86	611
2045	17	8	64	2	40	55	26	2	21	292	87	614
2046	17	8	64	2	40	55	26	2	21	293	88	616
2047	17	8	64	2	40	55	26	2	21	294	89	618
2048	17	8	64	2	40	55	26	2	21	295	90	620
2049	17	8	64	2	40	55	26	2	21	296	91	622
2050	17	8	64	2	40	55	26	2	21	297	92	624
2051	17	8	64	2	40	55	26	2	21	298	93	626
2052	17	8	64	2	40	55	26	2	21	299	93	627
2053	17	8	64	2	40	55	26	2	21	300	93	628
2054	17	8	64	2	40	55	26	2	21	301	93	629
2055	17	8	64	2	40	55	26	2	21	302	93	630

Note: Historical values reflect information from NYSDERDA's "DER Integrated Data System" and from Transmission Owners.

Note: Resources include combined heat and power, anaerobic digesters, fuel cell facilities, small wind resources, and others.

Table I-10b: Non-Solar Distributed Generation Annual Energy Reductions, Behind-the-Meter
Reflects Total Cumulative Impacts

Reductions in Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	98	46	295	12	162	220	75	12	81	769	217	1,987
2026	98	46	301	12	168	231	81	12	87	809	224	2,069
2027	98	46	306	12	173	243	87	12	93	835	232	2,137
2028	98	46	312	12	179	249	93	12	98	861	239	2,199
2029	98	46	318	12	185	254	98	12	104	883	247	2,257
2030	98	46	324	12	191	260	104	12	110	901	254	2,312
2031	98	46	330	12	197	266	110	12	116	920	261	2,368
2032	98	46	335	12	202	272	116	12	121	938	269	2,421
2033	98	46	341	12	208	278	121	12	121	953	276	2,466
2034	98	46	347	12	214	283	127	12	121	968	280	2,508
2035	98	46	353	12	220	289	133	12	121	982	283	2,549
2036	98	46	358	12	225	295	139	12	121	997	287	2,590
2037	98	46	364	12	231	301	145	12	121	1,008	291	2,629
2038	98	46	370	12	231	306	150	12	121	1,019	294	2,659
2039	98	46	370	12	231	312	150	12	121	1,030	298	2,680
2040	98	46	370	12	231	318	150	12	121	1,038	302	2,698
2041	98	46	370	12	231	318	150	12	121	1,045	305	2,708
2042	98	46	370	12	231	318	150	12	121	1,052	309	2,719
2043	98	46	370	12	231	318	150	12	121	1,060	313	2,731
2044	98	46	370	12	231	318	150	12	121	1,067	316	2,741
2045	98	46	370	12	231	318	150	12	121	1,074	320	2,752
2046	98	46	370	12	231	318	150	12	121	1,078	324	2,760
2047	98	46	370	12	231	318	150	12	121	1,082	327	2,767
2048	98	46	370	12	231	318	150	12	121	1,085	331	2,774
2049	98	46	370	12	231	318	150	12	121	1,089	335	2,782
2050	98	46	370	12	231	318	150	12	121	1,093	338	2,789
2051	98	46	370	12	231	318	150	12	121	1,096	342	2,796
2052	98	46	370	12	231	318	150	12	121	1,100	342	2,800
2053	98	46	370	12	231	318	150	12	121	1,104	342	2,804
2054	98	46	370	12	231	318	150	12	121	1,107	342	2,807
2055	98	46	370	12	231	318	150	12	121	1,111	342	2,811

Table I-10c: Non-Solar Distributed Generation Peak Reductions, Behind-the-Meter
Reflects Total Cumulative Impacts

Reductions in Summer and Winter Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	17	8	50	2	28	38	13	2	14	133	37	342
2026	17	8	51	2	29	40	14	2	15	138	38	354
2027	17	8	51	2	29	40	14	2	15	139	39	356
2028	17	8	52	2	30	41	15	2	16	142	40	365
2029	17	8	52	2	30	42	16	2	17	145	41	372
2030	17	8	53	2	31	43	17	2	18	147	42	380
2031	17	8	54	2	32	43	18	2	19	149	42	386
2032	17	8	54	2	33	44	19	2	19	152	44	394
2033	17	8	55	2	34	45	20	2	19	155	44	401
2034	17	8	56	2	35	46	21	2	20	157	45	409
2035	17	8	57	2	36	47	22	2	20	159	46	416
2036	17	8	58	2	36	48	23	2	20	162	47	423
2037	17	8	59	2	37	49	23	2	20	164	47	428
2038	17	8	59	2	37	50	24	2	20	165	48	432
2039	17	8	60	2	37	50	24	2	20	167	48	435
2040	17	8	60	2	37	51	24	2	20	168	49	438
2041	17	8	60	2	37	51	24	2	20	170	50	441
2042	17	8	60	2	37	52	24	2	20	171	50	443
2043	17	8	60	2	37	52	24	2	20	172	51	445
2044	17	8	60	2	37	52	24	2	20	173	51	446
2045	17	8	60	2	37	52	24	2	20	173	52	447
2046	17	8	60	2	37	52	24	2	20	174	52	448
2047	17	8	60	2	37	52	24	2	20	174	53	449
2048	17	8	60	2	37	52	24	2	20	175	53	450
2049	17	8	60	2	37	52	24	2	20	176	54	452
2050	17	8	60	2	37	52	24	2	20	176	54	452
2051	17	8	60	2	37	52	24	2	20	177	55	454
2052	17	8	60	2	37	52	24	2	20	177	55	454
2053	17	8	60	2	37	52	24	2	20	177	55	454
2054	17	8	60	2	37	52	24	2	20	177	55	454
2055	17	8	60	2	37	52	24	2	20	177	55	454

Note: Peak reductions reflect estimated summer reductions for the year listed, along with reductions for the following winter.
For example, the values listed for 2025 represent reductions to the 2025 summer peak and the 2025-26 winter peak.

Table I-11a: Electric Vehicle Stock Forecast
Total Number of Electric Vehicles

Number of Electric Vehicles by Type - NYCA

Year	LDV ⁽¹⁾	MHDV ⁽²⁾	Buses ⁽³⁾	Total Stock
2025	357,000	6,000	1,000	364,000
2026	475,000	7,000	2,000	484,000
2027	621,000	9,000	4,000	634,000
2028	800,000	12,000	6,000	818,000
2029	1,018,000	16,000	8,000	1,042,000
2030	1,279,000	20,000	10,000	1,309,000
2031	1,590,000	26,000	12,000	1,628,000
2032	1,954,000	33,000	14,000	2,001,000
2033	2,381,000	40,000	15,000	2,436,000
2034	2,878,000	49,000	17,000	2,944,000
2035	3,452,000	59,000	19,000	3,530,000
2036	4,022,000	70,000	20,000	4,112,000
2037	4,581,000	82,000	21,000	4,684,000
2038	5,124,000	95,000	22,000	5,241,000
2039	5,645,000	108,000	23,000	5,776,000
2040	6,138,000	123,000	24,000	6,285,000
2041	6,601,000	138,000	24,000	6,763,000
2042	7,033,000	154,000	25,000	7,212,000
2043	7,431,000	170,000	26,000	7,627,000
2044	7,792,000	187,000	26,000	8,005,000
2045	8,110,000	205,000	27,000	8,342,000
2046	8,378,000	222,000	27,000	8,627,000
2047	8,593,000	237,000	27,000	8,857,000
2048	8,760,000	252,000	28,000	9,040,000
2049	8,880,000	266,000	28,000	9,174,000
2050	8,959,000	278,000	28,000	9,265,000
2051	9,044,000	290,000	28,000	9,362,000
2052	9,080,000	300,000	28,000	9,408,000
2053	9,109,000	308,000	28,000	9,445,000
2054	9,126,000	315,000	28,000	9,469,000
2055	9,127,000	321,000	28,000	9,476,000

(1) - Light Duty Vehicles, at most 10,000 lb. (Gross Vehicle Weight Rating (GVWR) Vehicle Classes 1 & 2).

(2) - Medium and Heavy Duty Vehicles, greater than 10,000 lb. (GVWR Classes 3-8).

(3) - Includes school and transit buses.

Note: For reference, in 2024 there were approximately 10.6 million LDVs, 450,000 MHDVs, and 45,000 buses registered in the state, per these classifications.

Table I-11b: Electric Vehicle Annual Energy Usage
Reflects Total Cumulative Impacts

Total Annual Energy Usage by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	115	102	103	10	60	117	141	42	76	222	365	1,353
2026	152	131	142	13	85	160	191	55	101	297	469	1,796
2027	207	170	198	18	123	219	258	71	131	389	599	2,383
2028	282	220	272	25	176	297	344	90	166	501	760	3,133
2029	379	283	368	34	246	397	451	112	209	635	953	4,067
2030	501	360	486	45	334	520	584	139	260	795	1,184	5,208
2031	651	454	630	59	443	671	744	169	319	982	1,457	6,579
2032	831	565	804	76	575	852	936	205	388	1,201	1,776	8,209
2033	1,046	696	1,009	96	734	1,068	1,164	246	468	1,453	2,148	10,128
2034	1,300	850	1,251	119	922	1,322	1,432	293	560	1,745	2,579	12,373
2035	1,598	1,030	1,534	147	1,143	1,619	1,746	348	665	2,079	3,075	14,984
2036	1,904	1,214	1,824	175	1,370	1,927	2,071	403	773	2,420	3,582	17,663
2037	2,216	1,401	2,121	204	1,601	2,243	2,404	459	882	2,766	4,095	20,392
2038	2,532	1,589	2,420	233	1,836	2,563	2,742	515	991	3,112	4,609	23,142
2039	2,849	1,776	2,720	262	2,072	2,887	3,082	569	1,098	3,455	5,119	25,889
2040	3,163	1,962	3,018	291	2,306	3,209	3,421	622	1,204	3,792	5,619	28,607
2041	3,472	2,143	3,311	319	2,537	3,528	3,757	674	1,306	4,123	6,107	31,277
2042	3,774	2,321	3,598	347	2,762	3,843	4,088	724	1,406	4,445	6,583	33,891
2043	4,066	2,493	3,877	373	2,980	4,151	4,413	772	1,503	4,759	7,046	36,433
2044	4,347	2,657	4,144	399	3,189	4,450	4,728	818	1,597	5,062	7,492	38,883
2045	4,612	2,813	4,398	423	3,385	4,736	5,030	862	1,686	5,352	7,916	41,213
2046	4,850	2,953	4,627	444	3,562	4,997	5,308	902	1,767	5,616	8,302	43,328
2047	5,061	3,077	4,829	462	3,717	5,233	5,560	938	1,840	5,852	8,646	45,215
2048	5,243	3,185	5,005	478	3,850	5,442	5,785	969	1,905	6,061	8,950	46,873
2049	5,398	3,278	5,156	491	3,963	5,625	5,984	997	1,961	6,243	9,215	48,311
2050	5,528	3,356	5,283	502	4,057	5,784	6,158	1,020	2,010	6,397	9,440	49,535
2051	5,611	3,406	5,366	508	4,116	5,895	6,282	1,035	2,042	6,501	9,589	50,351
2052	5,664	3,438	5,420	512	4,153	5,976	6,374	1,045	2,064	6,571	9,690	50,907
2053	5,706	3,465	5,463	515	4,182	6,046	6,457	1,054	2,084	6,631	9,775	51,378
2054	5,736	3,484	5,495	516	4,201	6,103	6,528	1,061	2,099	6,677	9,842	51,742
2055	5,750	3,495	5,512	516	4,208	6,145	6,584	1,066	2,110	6,707	9,885	51,978

Table I-11c: Electric Vehicle Summer Coincident Peak Demand
Reflects Total Cumulative Impacts

Total Increase in Summer Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	15	14	19	2	9	20	23	5	14	28	41	190
2026	21	21	20	2	11	29	28	7	16	40	75	270
2027	33	27	25	3	16	34	41	9	18	53	95	354
2028	45	35	38	4	26	47	57	13	25	76	123	489
2029	59	45	56	6	41	60	67	18	35	89	153	629
2030	80	57	75	7	52	88	78	21	42	123	199	822
2031	98	74	91	9	69	111	101	26	52	139	230	1,000
2032	131	87	117	12	88	140	140	32	61	170	269	1,247
2033	157	107	150	15	120	170	187	41	68	209	298	1,522
2034	197	129	201	19	146	194	221	49	82	260	377	1,875
2035	230	151	249	23	184	244	266	55	92	316	454	2,264
2036	279	182	270	27	210	281	319	59	111	365	539	2,642
2037	330	212	306	32	241	322	350	66	129	412	642	3,042
2038	363	225	351	36	263	378	399	74	142	459	697	3,387
2039	410	256	393	39	281	425	451	80	158	486	746	3,725
2040	454	286	418	42	312	462	487	87	163	542	826	4,079
2041	494	311	470	45	346	521	509	97	178	591	895	4,457
2042	527	325	507	50	372	569	572	101	191	624	914	4,752
2043	579	363	540	53	409	603	616	104	204	643	997	5,111
2044	623	387	568	57	447	639	643	109	217	681	1,058	5,429
2045	665	394	617	60	474	681	689	113	230	711	1,116	5,750
2046	684	409	640	61	500	705	741	114	243	723	1,150	5,970
2047	710	428	667	62	507	727	774	121	252	751	1,227	6,226
2048	726	431	678	63	521	740	803	128	255	793	1,236	6,374
2049	731	438	688	64	531	748	825	129	258	823	1,272	6,507
2050	736	448	694	65	542	753	839	130	262	848	1,282	6,599
2051	752	451	698	66	548	756	851	131	264	863	1,288	6,668
2052	764	453	700	67	563	758	858	132	265	872	1,292	6,724
2053	776	454	701	68	567	759	862	133	266	877	1,294	6,757
2054	783	455	702	69	569	760	864	134	267	880	1,295	6,778
2055	787	456	703	70	570	761	865	135	268	882	1,296	6,793

Note: The baseline electric vehicle peak forecast assumes an increasing share of managed charging over time.

Table I-11d: Electric Vehicle Winter Coincident Peak Demand
Reflects Total Cumulative Impacts

Total Increase in Winter Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025-26	34	31	34	3	19	37	43	11	17	67	109	405
2026-27	48	40	40	4	29	46	54	13	24	81	129	508
2027-28	57	48	56	6	39	60	66	17	34	95	157	635
2028-29	74	54	75	7	51	82	83	21	45	128	203	823
2029-30	97	71	107	9	66	109	118	28	54	152	232	1,043
2030-31	121	87	133	12	89	142	157	33	65	199	290	1,328
2031-32	165	115	173	16	121	178	204	42	79	248	367	1,708
2032-33	206	138	211	20	153	222	244	48	89	313	455	2,099
2033-34	267	176	267	25	175	267	302	58	109	332	532	2,510
2034-35	307	210	319	30	204	329	356	71	132	376	584	2,918
2035-36	369	245	372	37	257	379	397	83	161	450	654	3,404
2036-37	421	281	426	40	300	430	462	95	180	527	749	3,911
2037-38	476	310	470	45	358	495	527	103	201	608	829	4,422
2038-39	541	343	516	51	416	551	579	112	213	678	926	4,926
2039-40	605	379	568	55	449	611	646	119	230	721	1,054	5,437
2040-41	660	407	631	61	485	684	707	125	244	787	1,167	5,958
2041-42	715	448	677	66	532	726	773	126	255	842	1,264	6,424
2042-43	767	480	735	71	553	785	821	138	272	899	1,386	6,907
2043-44	837	512	788	75	586	824	888	147	294	959	1,494	7,404
2044-45	869	536	829	80	621	874	954	157	313	1,010	1,541	7,784
2045-46	937	574	872	83	651	923	1,001	169	332	1,055	1,597	8,194
2046-47	963	599	927	88	682	983	1,045	180	352	1,095	1,659	8,573
2047-48	1,014	619	966	90	720	1,027	1,089	183	361	1,154	1,723	8,946
2048-49	1,015	630	1,007	91	743	1,089	1,121	188	367	1,189	1,750	9,190
2049-50	1,042	637	1,011	91	757	1,118	1,126	191	372	1,210	1,772	9,327
2050-51	1,046	641	1,027	93	765	1,144	1,148	193	378	1,223	1,810	9,468
2051-52	1,069	643	1,037	94	770	1,160	1,174	194	382	1,231	1,833	9,587
2052-53	1,083	644	1,043	95	773	1,170	1,197	195	384	1,236	1,847	9,667
2053-54	1,091	645	1,047	96	775	1,176	1,200	196	385	1,239	1,855	9,705
2054-55	1,096	646	1,049	97	776	1,180	1,225	197	386	1,241	1,860	9,753
2055-56	1,099	647	1,050	98	777	1,182	1,237	198	387	1,242	1,863	9,780

Note: The baseline electric vehicle peak forecast assumes an increasing share of managed charging over time.

Table I-12a: Energy Storage Nameplate Capacity, Behind-the-Meter

Reflects Total Cumulative Nameplate Capacity of Behind-the-Meter Storage

Nameplate Capacity by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	6	10	46	0	66	40	84	9	12	67	45	385
2026	8	13	57	1	79	48	99	11	17	104	52	489
2027	10	16	68	1	92	57	113	14	22	156	59	608
2028	12	19	80	1	105	66	128	17	28	203	66	725
2029	14	22	93	2	117	74	142	20	31	238	75	828
2030	16	26	106	3	129	83	154	24	38	295	85	959
2031	18	30	120	3	140	92	166	27	42	337	95	1,070
2032	20	35	133	4	150	100	177	31	46	370	107	1,173
2033	23	39	148	5	160	108	186	35	50	405	119	1,278
2034	25	44	162	6	169	115	194	40	54	442	132	1,383
2035	28	49	177	7	176	124	204	44	59	482	145	1,495
2036	31	54	193	8	183	132	213	48	63	525	160	1,610
2037	34	60	208	9	190	140	221	53	68	569	176	1,728
2038	36	65	224	10	196	147	228	57	74	617	192	1,846
2039	39	71	239	11	203	154	234	62	78	660	208	1,959
2040	42	77	255	12	209	161	240	67	82	691	221	2,057
2041	45	82	270	13	214	167	245	71	87	744	235	2,173
2042	48	88	284	14	220	174	250	76	93	794	255	2,296
2043	51	94	297	15	225	180	254	81	99	842	275	2,413
2044	54	100	310	17	231	185	258	86	106	906	297	2,550
2045	57	106	322	18	236	191	261	90	111	962	312	2,666
2046	60	112	334	19	241	196	264	94	117	1,024	326	2,787
2047	62	117	345	20	246	201	267	98	122	1,081	339	2,898
2048	64	122	355	21	251	206	269	102	127	1,133	352	3,002
2049	67	127	366	22	255	210	272	105	131	1,179	364	3,098
2050	69	132	375	23	260	215	274	108	135	1,220	376	3,187
2051	71	136	385	24	264	219	275	111	138	1,256	387	3,266
2052	73	140	394	24	269	224	277	113	141	1,287	398	3,340
2053	75	144	403	25	273	228	278	115	143	1,314	408	3,406
2054	77	148	411	25	277	232	280	117	145	1,338	418	3,468
2055	78	152	419	26	282	236	281	119	147	1,357	428	3,525

Note: The storage capacity forecast includes only behind-the-meter resources, which reflect only a portion of the State's energy storage targets.

These targets are expected to be met largely through interconnecting wholesale energy storage projects.

Pumped Storage is not included. See Table III-2 for current resources.

Table I-12b: Energy Storage Energy Impacts

Reflects Total Cumulative Impacts – Including Wholesale and Behind-the-Meter

Annual Net Electricity Consumption by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	26	1	7	3	32	6	16	1	2	14	9	117
2026	33	4	16	5	43	20	33	9	6	79	62	310
2027	38	6	26	6	51	35	93	18	9	160	109	551
2028	43	8	36	7	60	50	140	26	13	184	134	701
2029	48	10	46	9	68	65	157	34	17	207	159	820
2030	51	11	53	10	74	75	169	40	20	227	176	906
2031	55	13	60	11	81	85	181	45	22	245	194	992
2032	58	15	68	12	87	95	193	51	25	262	212	1,078
2033	61	16	75	14	93	106	204	57	28	279	230	1,163
2034	65	18	83	15	98	116	216	63	30	297	248	1,249
2035	68	20	90	16	104	126	227	69	33	314	266	1,333
2036	72	21	98	17	110	136	239	75	36	333	285	1,422
2037	75	23	106	18	115	147	250	81	39	351	303	1,508
2038	79	25	113	19	120	157	262	87	41	370	322	1,595
2039	82	27	121	21	126	167	273	93	44	388	340	1,682
2040	86	29	129	22	132	177	284	99	47	405	359	1,769
2041	89	31	137	23	137	187	295	105	50	425	378	1,857
2042	93	33	144	24	142	198	307	111	53	445	397	1,947
2043	96	35	152	25	148	208	318	117	56	464	417	2,036
2044	100	37	159	27	153	218	329	123	59	485	437	2,127
2045	103	39	166	28	159	228	340	129	62	506	455	2,215
2046	107	41	174	29	164	238	351	135	65	527	474	2,305
2047	110	43	181	30	170	248	362	141	68	548	493	2,394
2048	113	45	188	31	175	258	372	147	71	568	511	2,479
2049	117	47	195	32	180	268	383	153	74	587	530	2,566
2050	120	49	202	34	186	278	394	159	77	605	548	2,652
2051	124	51	209	35	191	288	405	165	79	622	566	2,735
2052	127	52	216	36	196	298	415	170	82	639	584	2,815
2053	130	54	223	37	202	308	426	176	84	655	603	2,898
2054	134	56	229	38	207	318	436	182	87	671	621	2,979
2055	137	58	236	39	212	328	447	187	89	686	639	3,058

Note: Both wholesale and behind-the-meter storage contribute to sytem net energy consumption.

Note: Values listed reflect net energy consumption due to round trip efficiency or battery losses.

Table I-12c: Energy Storage Peak Reductions, Behind-the-Meter
Reflects Total Cumulative Impacts

Reductions in Summer and Winter Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	3	6	26	0	37	22	47	5	6	34	38	224
2026	4	7	32	1	44	27	55	6	9	52	44	281
2027	6	9	38	1	51	32	63	8	11	78	50	347
2028	7	11	45	1	59	37	71	9	14	102	56	412
2029	8	12	52	1	65	41	79	11	16	119	64	468
2030	9	15	59	2	72	46	86	13	19	148	72	541
2031	10	17	67	2	78	51	93	15	21	169	81	604
2032	11	20	74	2	84	56	99	17	23	185	91	662
2033	13	22	83	3	89	60	104	20	25	203	101	723
2034	14	25	90	3	94	64	108	22	27	221	112	780
2035	16	27	99	4	98	69	114	25	30	241	123	846
2036	17	30	108	4	102	74	119	27	32	263	136	912
2037	19	34	116	5	106	78	123	30	34	285	150	980
2038	20	36	125	6	109	82	127	32	37	309	163	1,046
2039	22	40	133	6	113	86	131	35	39	330	177	1,112
2040	23	43	142	7	117	90	134	37	41	346	188	1,168
2041	25	46	151	7	119	93	137	40	44	372	200	1,234
2042	27	49	159	8	123	97	140	42	47	397	217	1,306
2043	28	52	166	8	126	101	142	45	50	421	234	1,373
2044	30	56	173	9	129	103	144	48	53	453	252	1,450
2045	32	59	180	10	132	107	146	50	55	481	265	1,517
2046	34	63	186	11	135	109	147	52	59	512	277	1,585
2047	35	65	193	11	137	112	149	55	61	541	288	1,647
2048	36	68	198	12	140	115	150	57	64	567	299	1,706
2049	37	71	204	12	142	117	152	59	66	590	309	1,759
2050	39	74	209	13	145	120	153	60	68	610	320	1,811
2051	40	76	215	13	147	122	154	62	69	628	329	1,855
2052	41	78	220	13	150	125	155	63	71	644	338	1,898
2053	42	80	225	14	152	127	155	64	72	657	347	1,935
2054	43	83	229	14	155	130	156	65	73	669	355	1,972
2055	44	85	234	15	157	132	157	66	74	679	364	2,007

Note: Peak Reductions due to behind-the-meter storage. Wholesale market storage is assumed to be dispatched as generation.

Note: Peak reductions reflect estimated summer reductions for the year listed, along with reductions for the following winter.

For example, the values listed for 2025 represent reductions to the 2025 summer peak and the 2025-26 winter peak.

Table I-13a: Building Electrification Annual Energy Usage
Reflects Cumulative Future Impacts

Total Annual Energy Usage by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	39	24	31	2	21	30	27	6	14	162	55	411
2026	112	69	89	6	60	85	78	18	40	464	156	1,177
2027	188	115	150	9	101	144	131	30	67	783	261	1,979
2028	281	172	224	14	151	216	197	45	101	1,178	392	2,971
2029	377	232	301	19	203	290	265	61	135	1,587	528	3,998
2030	474	291	379	24	255	366	335	76	171	2,002	665	5,038
2031	572	352	458	29	308	443	406	92	207	2,425	805	6,097
2032	677	418	543	34	365	525	482	110	246	2,880	955	7,235
2033	789	488	633	40	425	614	564	128	288	3,363	1,115	8,447
2034	918	568	737	46	495	716	659	150	336	3,920	1,299	9,844
2035	1,058	655	849	53	571	827	761	173	388	4,518	1,499	11,352
2036	1,269	786	1,019	63	684	994	916	208	466	5,419	1,799	13,623
2037	1,513	939	1,215	76	816	1,188	1,094	249	556	6,452	2,147	16,245
2038	1,783	1,106	1,431	89	960	1,402	1,292	293	655	7,582	2,530	19,123
2039	2,041	1,267	1,638	102	1,099	1,608	1,482	336	750	8,654	2,897	21,874
2040	2,304	1,431	1,848	114	1,239	1,817	1,675	380	846	9,725	3,268	24,647
2041	2,539	1,577	2,035	126	1,364	2,005	1,848	419	932	10,660	3,598	27,103
2042	2,762	1,716	2,211	137	1,482	2,183	2,011	456	1,012	11,524	3,910	29,404
2043	2,974	1,848	2,379	147	1,594	2,353	2,167	491	1,089	12,326	4,205	31,573
2044	3,180	1,976	2,541	157	1,701	2,518	2,319	526	1,162	13,087	4,490	33,657
2045	3,357	2,086	2,680	165	1,794	2,661	2,448	555	1,224	13,704	4,733	35,407
2046	3,520	2,186	2,806	172	1,878	2,792	2,568	582	1,281	14,251	4,954	36,990
2047	3,670	2,280	2,923	179	1,955	2,914	2,679	607	1,333	14,740	5,158	38,438
2048	3,829	2,378	3,047	186	2,036	3,044	2,796	634	1,389	15,260	5,375	39,974
2049	3,965	2,462	3,150	192	2,105	3,153	2,895	657	1,435	15,661	5,555	41,230
2050	4,135	2,568	3,282	200	2,192	3,292	3,021	686	1,494	16,201	5,784	42,855
2051	4,248	2,638	3,369	205	2,248	3,386	3,106	705	1,532	16,517	5,935	43,889
2052	4,360	2,708	3,454	209	2,304	3,479	3,191	724	1,571	16,845	6,086	44,931
2053	4,451	2,766	3,524	213	2,349	3,557	3,263	740	1,603	17,090	6,210	45,766
2054	4,538	2,821	3,591	217	2,392	3,633	3,331	756	1,634	17,335	6,329	46,577
2055	4,618	2,871	3,652	220	2,431	3,704	3,396	770	1,663	17,567	6,441	47,333

Note: Reflects end-use electrification of space heating, water heating, cooking, and other end-uses.

Table I-13b: Building Electrification Summer Coincident Peak Demand
Reflects Cumulative Future Impacts

Total Increase in Summer Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	3	2	2	0	1	2	2	1	1	14	5	33
2026	7	4	6	0	3	6	5	1	3	31	12	78
2027	11	7	10	1	6	9	9	2	5	51	20	131
2028	16	10	14	1	8	14	13	3	7	74	27	187
2029	22	14	20	1	11	19	17	4	9	101	34	252
2030	28	18	26	1	15	24	22	5	12	130	42	323
2031	35	22	32	2	19	30	28	6	15	162	53	404
2032	43	27	39	2	23	37	34	7	18	198	64	492
2033	51	32	47	2	27	45	41	8	21	238	77	589
2034	60	38	55	3	32	53	49	10	25	281	91	697
2035	70	44	64	3	38	62	57	11	29	327	106	811
2036	81	51	74	4	43	71	66	13	34	376	122	935
2037	95	59	84	5	50	80	74	15	39	429	134	1,064
2038	105	65	93	5	56	89	83	17	44	478	150	1,185
2039	120	74	103	6	64	97	92	19	49	532	163	1,319
2040	130	80	113	6	69	107	100	21	54	580	178	1,438
2041	145	88	122	7	77	114	108	23	59	632	189	1,564
2042	150	92	130	7	80	124	117	24	62	671	205	1,662
2043	159	98	138	8	84	131	124	26	66	711	218	1,763
2044	162	101	145	8	87	140	132	26	67	743	234	1,845
2045	171	106	150	8	89	143	138	28	69	786	246	1,934
2046	172	109	156	8	91	150	144	28	70	810	259	1,997
2047	178	112	161	8	94	156	149	29	72	837	268	2,064
2048	183	115	165	9	96	161	154	30	74	861	276	2,124
2049	187	118	170	9	99	165	158	31	76	882	282	2,177
2050	192	121	172	9	108	171	160	31	80	908	287	2,239
2051	196	124	175	9	110	174	161	32	82	925	292	2,280
2052	199	126	178	9	111	177	162	32	83	940	297	2,314
2053	204	129	180	10	118	180	163	33	85	971	301	2,374
2054	210	132	181	10	126	182	164	33	87	1,000	305	2,430
2055	214	134	182	10	131	183	165	33	87	1,017	307	2,463

Note: Reflects end-use electrification of space conditioning, water heating, cooking, and other end-uses.

Table I-13c: Building Electrification Winter Coincident Peak Demand
Reflects Cumulative Future Impacts

Total Increase in Winter Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025-26	12	9	10	1	7	11	10	2	4	45	10	121
2026-27	35	25	29	2	21	32	29	5	12	136	34	360
2027-28	64	45	52	4	38	58	53	10	22	253	66	665
2028-29	88	60	71	6	54	81	74	16	35	416	113	1,014
2029-30	111	75	90	8	70	105	96	23	49	594	164	1,385
2030-31	133	89	108	10	86	128	117	30	64	787	220	1,772
2031-32	164	109	133	12	106	158	144	37	78	966	270	2,177
2032-33	198	131	160	14	128	191	174	44	94	1,163	326	2,623
2033-34	235	155	190	16	152	227	207	52	111	1,377	387	3,109
2034-35	276	183	221	18	182	268	249	61	128	1,631	461	3,678
2035-36	321	214	255	20	215	314	296	71	147	1,910	543	4,306
2036-37	394	262	314	25	260	385	360	88	182	2,298	663	5,231
2037-38	478	319	382	31	316	467	437	107	219	2,763	794	6,313
2038-39	571	381	456	38	378	560	525	128	262	3,262	961	7,522
2039-40	664	443	531	45	440	653	612	149	303	3,759	1,110	8,709
2040-41	761	508	610	52	505	750	703	170	346	4,250	1,277	9,932
2041-42	852	568	682	59	563	841	787	191	386	4,697	1,429	11,055
2042-43	941	627	753	66	621	930	869	211	425	5,125	1,571	12,139
2043-44	1,026	690	827	72	681	1,021	935	231	466	5,512	1,731	13,192
2044-45	1,110	752	902	79	742	1,113	1,003	252	507	5,886	1,888	14,234
2045-46	1,185	812	975	87	800	1,200	1,046	271	548	6,178	2,054	15,156
2046-47	1,267	858	1,029	92	845	1,272	1,095	288	576	6,557	2,147	16,026
2047-48	1,329	921	1,107	100	905	1,360	1,144	306	620	6,736	2,328	16,856
2048-49	1,407	969	1,164	105	952	1,435	1,227	323	650	7,071	2,439	17,742
2049-50	1,474	1,010	1,212	109	991	1,500	1,305	338	677	7,371	2,535	18,522
2050-51	1,541	1,049	1,256	112	1,029	1,562	1,380	352	701	7,657	2,613	19,252
2051-52	1,604	1,087	1,299	115	1,065	1,623	1,454	366	725	7,930	2,699	19,967
2052-53	1,652	1,145	1,370	123	1,122	1,701	1,484	382	766	8,049	2,874	20,668
2053-54	1,705	1,175	1,404	126	1,150	1,751	1,548	394	785	8,283	2,933	21,254
2054-55	1,739	1,199	1,432	128	1,172	1,786	1,579	402	801	8,423	2,997	21,658
2055-56	1,752	1,208	1,443	130	1,181	1,802	1,593	406	807	8,506	3,022	21,850

Note: Reflects end-use electrification of space heating, water heating, cooking, and other end-uses.

Table I-13d: Electrification Impacts by Scenario
Reflects Cumulative Impacts

NYCA Annual Energy Usage - GWh

Year	Baseline Forecast			Lower Demand Scenario			Higher Demand Scenario		
	EV	Building	Total	EV	Building	Total	EV	Building	Total
2025	1,353	411	1,764	1,353	359	1,712	1,353	651	2,004
2026	1,796	1,177	2,973	1,724	972	2,696	1,844	1,483	3,327
2027	2,383	1,979	4,362	2,178	1,566	3,744	2,519	2,455	4,974
2028	3,133	2,971	6,104	2,725	2,232	4,957	3,404	3,573	6,977
2029	4,067	3,998	8,065	3,381	2,949	6,330	4,519	4,838	9,357
2030	5,208	5,038	10,246	4,152	3,746	7,898	5,893	6,243	12,136
2031	6,579	6,097	12,676	5,035	4,631	9,666	7,576	7,853	15,429
2032	8,209	7,235	15,444	6,038	5,622	11,660	9,598	9,706	19,304
2033	10,128	8,447	18,575	7,158	6,717	13,875	12,021	11,814	23,835
2034	12,373	9,844	22,217	8,411	7,920	16,331	14,902	14,095	28,997
2035	14,984	11,352	26,336	9,780	9,234	19,014	18,303	16,661	34,964
2036	17,663	13,623	31,286	11,263	10,638	21,901	21,775	19,584	41,359
2037	20,392	16,245	36,637	12,852	12,136	24,988	25,296	22,772	48,068
2038	23,142	19,123	42,265	14,532	13,737	28,269	28,831	26,221	55,052
2039	25,889	21,874	47,763	16,294	15,440	31,734	32,355	29,908	62,263
2040	28,607	24,647	53,254	18,126	17,235	35,361	35,822	33,777	69,599
2041	31,277	27,103	58,380	20,034	19,101	39,135	39,212	37,752	76,964
2042	33,891	29,404	63,295	22,023	21,050	43,073	42,503	41,792	84,295
2043	36,433	31,573	68,006	24,100	23,039	47,139	45,675	45,789	91,464
2044	38,883	33,657	72,540	26,257	25,069	51,326	48,693	49,703	98,396
2045	41,213	35,407	76,620	28,456	27,098	55,554	51,528	53,431	104,959
2046	43,328	36,990	80,318	30,649	29,149	59,798	54,060	56,955	111,015
2047	45,215	38,438	83,653	32,806	31,184	63,990	56,277	60,213	116,490
2048	46,873	39,974	86,847	34,895	32,801	67,696	58,184	63,191	121,375
2049	48,311	41,230	89,541	36,902	34,332	71,234	59,815	65,808	125,623
2050	49,535	42,855	92,390	38,807	35,851	74,658	61,216	68,220	129,436
2051	50,351	43,889	94,240	40,265	37,032	77,297	61,980	69,889	131,869
2052	50,907	44,931	95,838	41,574	38,167	79,741	62,614	71,300	133,914
2053	51,378	45,766	97,144	42,730	39,183	81,913	63,150	72,408	135,558
2054	51,742	46,577	98,319	43,733	40,134	83,867	63,598	73,297	136,895
2055	51,978	47,333	99,311	44,582	41,000	85,582	63,966	73,985	137,951

Note: Electric Vehicle annual energy usage from Tables I-1b, I-11b, I-15a, and I-16a.

Includes light duty vehicles, medium and heavy duty vehicles, and buses.

Note: Building electrification annual energy usage from Tables I-1b, I-13a, I-15a, and I-16a.

Includes electrification of space heating, water heating, cooking, and other end uses.

Table I-14: Large Load Forecast*Reflects Cumulative Existing and Future Impacts of Large Load Projects***Summer Peak Demand by Zone - MW**

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	250	5	0	166	13	0	32	0	0	0	0	466
2026	335	11	72	518	15	0	72	0	0	0	0	1,023
2027	335	11	168	647	30	40	93	0	0	0	5	1,329
2028	335	11	288	647	41	40	104	0	0	0	34	1,500
2029	335	11	442	651	54	40	107	0	0	0	78	1,718
2030	335	11	653	651	70	40	110	0	0	0	135	2,005
2031	335	11	768	651	70	40	113	0	0	0	185	2,173
2032	335	11	883	651	70	40	117	0	0	0	229	2,336
2033	335	11	998	651	70	40	120	0	0	0	259	2,484
2034	335	11	1,027	651	70	40	124	0	0	0	271	2,529
2035	335	11	1,056	651	70	40	129	0	0	0	275	2,567
2036	335	11	1,056	651	70	40	132	0	0	0	277	2,572
2037	335	11	1,056	651	70	40	135	0	0	0	278	2,576
2038	335	11	1,056	651	70	40	138	0	0	0	279	2,580
2039	335	11	1,056	651	70	40	141	0	0	0	280	2,584
2040	335	11	1,056	651	70	40	142	0	0	0	280	2,585

Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025-26	250	5	0	177	14	0	32	0	0	0	0	478
2026-27	335	11	72	582	23	0	72	0	0	0	0	1,095
2027-28	335	11	168	647	36	40	93	0	0	0	17	1,347
2028-29	335	11	288	651	48	40	104	0	0	0	90	1,567
2029-30	335	11	442	651	62	40	107	0	0	0	174	1,822
2030-31	335	11	653	651	70	40	110	0	0	0	236	2,106
2031-32	335	11	768	651	70	40	113	0	0	0	281	2,269
2032-33	335	11	883	651	70	40	117	0	0	0	315	2,422
2033-34	335	11	998	651	70	40	120	0	0	0	334	2,559
2034-35	335	11	1,027	651	70	40	124	0	0	0	342	2,600
2035-36	335	11	1,056	651	70	40	129	0	0	0	344	2,636
2036-37	335	11	1,056	651	70	40	132	0	0	0	345	2,640
2037-38	335	11	1,056	651	70	40	135	0	0	0	346	2,644
2038-39	335	11	1,056	651	70	40	138	0	0	0	346	2,647
2039-40	335	11	1,056	651	70	40	141	0	0	0	346	2,650
2040-41	335	11	1,056	651	70	40	142	0	0	0	346	2,651

Notes:

Forecasts for 2041 onward match the final year forecasts in these tables.

These forecast values are embedded in the final annual energy, summer peak, and winter peak demand forecasts.

Table IV-7 lists the NYISO Interconnection Queue information for proposed interconnecting large loads. These forecast tables do not necessarily reflect the proposed date and MW values listed in Table IV-7, and include impacts for load projects not listed in the NYISO Interconnection Queue as of March 15, 2025.

Table I-14: Large Load Forecast (cont'd)
Reflects Cumulative Existing and Future Impacts of Large Load Projects

Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	1,930	40	0	1,330	90	0	320	0	0	0	0	3,710
2026	2,520	80	510	3,980	110	0	600	0	0	0	0	7,800
2027	2,620	80	1,180	4,970	190	320	750	0	0	0	10	10,120
2028	2,620	80	2,020	5,000	290	320	830	0	0	0	130	11,290
2029	2,620	80	3,100	5,000	380	320	850	0	0	0	540	12,890
2030	2,620	80	4,580	5,000	500	320	870	0	0	0	1,120	15,090
2031	2,620	80	5,380	5,000	550	320	890	0	0	0	1,540	16,380
2032	2,620	80	6,190	5,000	550	320	930	0	0	0	1,870	17,560
2033	2,620	80	6,990	5,000	550	320	950	0	0	0	2,090	18,600
2034	2,620	80	7,200	5,000	550	320	990	0	0	0	2,170	18,930
2035	2,620	80	7,400	5,000	550	320	1,030	0	0	0	2,200	19,200
2036	2,620	80	7,400	5,000	550	320	1,040	0	0	0	2,210	19,220
2037	2,620	80	7,400	5,000	550	320	1,070	0	0	0	2,220	19,260
2038	2,620	80	7,400	5,000	550	320	1,090	0	0	0	2,220	19,280
2039	2,620	80	7,400	5,000	550	320	1,110	0	0	0	2,220	19,300
2040	2,620	80	7,400	5,000	550	320	1,110	0	0	0	2,220	19,300

Flexible Load by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2025	250	0	0	166	0	0	0	0	0	0	0	416
2026	250	0	0	435	0	0	0	0	0	0	0	685
2027	250	0	0	435	0	0	0	0	0	0	0	685
2028	250	0	0	435	0	0	0	0	0	0	0	685
2029	250	0	0	435	0	0	0	0	0	0	0	685
2030	250	0	0	435	0	0	0	0	0	0	0	685
2031	250	0	0	435	0	0	0	0	0	0	0	685
2032	250	0	0	435	0	0	0	0	0	0	0	685
2033	250	0	0	435	0	0	0	0	0	0	0	685
2034	250	0	0	435	0	0	0	0	0	0	0	685
2035	250	0	0	435	0	0	0	0	0	0	0	685
2036	250	0	0	435	0	0	0	0	0	0	0	685
2037	250	0	0	435	0	0	0	0	0	0	0	685
2038	250	0	0	435	0	0	0	0	0	0	0	685
2039	250	0	0	435	0	0	0	0	0	0	0	685
2040	250	0	0	435	0	0	0	0	0	0	0	685

Notes:

Forecasts for 2041 onward match the final year forecasts in these tables.

These forecast values are embedded in the final annual energy, summer peak, and winter peak demand forecasts.

Table IV-7 lists the NYISO Interconnection Queue information for proposed interconnecting large loads. These forecast tables do not necessarily reflect the proposed date and MW values listed in Table IV-7, and include impacts for load projects not listed in the NYISO Interconnection Queue as of March 15, 2025.

Flexible Load by Zone MW represents potential peak reductions from large load projects expected to be able to reduce or minimize their load during the system peak and other high load hours.

Table I-15a: Summary of NYCA Lower Demand Scenario Annual Energy Forecasts – GWh

Year	(a) Econometric Energy	(b) (-) EE and C&S	(c) (-) Solar PV, BTM	(d) (-) Non-Solar DG, BTM	(e) (+) Storage Net Energy Consumption	(f) (+) EV Energy	(g) (+) Building Electrification	(h) (+) Large Load Projects	(i) (+) Electrolysis	(j) =a-b-c-d+e+f+g+h+i Lower Demand Scenario Annual Energy Forecast
2025	158,019	1,740	8,071	1,987	117	1,353	359	3,670	0	151,720
2026	157,142	4,060	9,339	2,069	310	1,724	972	5,380	0	150,060
2027	156,606	5,980	10,464	2,137	551	2,178	1,566	7,190	0	149,510
2028	157,107	7,842	11,424	2,199	701	2,725	2,232	8,130	0	149,430
2029	156,820	9,662	12,241	2,257	820	3,381	2,949	9,540	0	149,350
2030	157,286	11,598	12,920	2,312	906	4,152	3,746	11,370	0	150,630
2031	157,757	13,383	13,524	2,368	992	5,035	4,631	12,440	0	151,580
2032	158,706	14,962	14,061	2,421	1,078	6,038	5,622	13,420	0	153,420
2033	158,428	16,409	14,531	2,466	1,163	7,158	6,717	14,340	0	154,400
2034	158,545	17,739	14,928	2,508	1,249	8,411	7,920	14,660	0	155,610
2035	158,688	18,961	15,235	2,549	1,333	9,780	9,234	14,920	0	157,210
2036	159,257	20,072	15,568	2,590	1,422	11,263	10,638	14,900	0	159,250
2037	158,981	21,069	15,869	2,629	1,508	12,852	12,136	14,900	0	160,810
2038	159,060	21,992	16,163	2,659	1,595	14,532	13,737	14,910	0	163,020
2039	159,148	22,906	16,448	2,680	1,682	16,294	15,440	14,940	0	165,470
2040	159,470	23,871	16,701	2,698	1,769	18,126	17,235	14,940	0	168,270
2041	159,060	24,787	16,947	2,708	1,857	20,034	19,101	14,940	0	170,550
2042	158,904	25,635	17,180	2,719	1,947	22,023	21,050	14,940	0	173,330
2043	158,926	26,421	17,389	2,731	2,036	24,100	23,039	14,940	0	176,500
2044	159,208	27,161	17,589	2,741	2,127	26,257	25,069	14,940	0	180,110
2045	158,756	27,825	17,788	2,752	2,215	28,456	27,098	14,940	0	183,100
2046	158,811	28,468	17,966	2,760	2,305	30,649	29,149	14,940	0	186,660
2047	158,753	29,108	18,132	2,767	2,394	32,806	31,184	14,940	0	190,070
2048	159,508	29,737	18,302	2,774	2,479	34,895	32,801	14,940	0	193,810
2049	159,581	30,313	18,456	2,782	2,566	36,902	34,332	14,940	0	196,770
2050	160,116	30,870	18,587	2,789	2,652	38,807	35,851	14,940	0	200,120
2051	160,573	31,434	18,735	2,796	2,735	40,265	37,032	14,940	0	202,580
2052	161,335	31,996	18,865	2,800	2,815	41,574	38,167	14,940	0	205,170
2053	161,341	32,529	18,989	2,804	2,898	42,730	39,183	14,940	0	206,770
2054	161,693	33,059	19,103	2,807	2,979	43,733	40,134	14,940	0	208,510
2055	162,004	33,596	19,207	2,811	3,058	44,582	41,000	14,940	0	209,970

(a) - Econometric Energy Forecast - Reflects impacts of projected weather trends and economic growth

(b) - Table I-8a: Energy Efficiency and Codes & Standards Energy Impacts, Relative to 2024

(c) - Table I-9b: Solar PV Impacts, Behind-the-Meter - Total Reductions in Annual Energy

(d) - Table I-10b: Non-Solar Distributed Generation Impacts, Behind-the-Meter - Total Reductions in Annual Energy

(e) - Table I-12b: Storage Annual Net Energy Consumption, both wholesale and behind-the-meter (pumped storage is not included - see Table III-2 for current resources)

(f) - Table I-11b-L: Electric Vehicle Energy Usage

(g) - Table I-13a-L: Building Electrification Energy Usage - future end-use electrification including heat pumps, water heating, cooking, and other end-uses

(h) - Table I-14-L: Large Loads Forecast - reflects existing plus future load growth

(i) - There is no electrolysis in the Lower Demand Scenario

(j) - Table I-2-L: Lower Demand Scenario Annual Energy Forecast

Lower Demand Scenario forecast tables: <https://www.nyiso.com/library>

Table I-15b: Summary of NYCA Lower Demand Scenario Summer Coincident Peak Demand Forecasts – MW

Year	(a) Econometric Peak Demand	(b) (-) EE and C&S	(c) (-) Solar PV, BTM	(d) (-) Non-Solar DG, BTM	(e) (-) BTM Storage Peak Reductions	(f) (+) EV Peak Demand	(g) (+) Building Electrification	(h) (+) Large Load Projects	(i) (+) Electrolysis	(j) =a-b-c-d-e+f+g+h+i Lower Demand Scenario Summer Peak Forecast
2025	33,208	309	1,581	342	224	190	22	466	0	31,430
2026	33,355	729	1,657	354	281	255	53	708	0	31,350
2027	33,495	1,108	1,688	356	347	316	87	941	0	31,340
2028	33,536	1,481	1,683	365	412	417	125	1,073	0	31,210
2029	33,550	1,851	1,655	372	468	510	169	1,277	0	31,160
2030	33,555	2,225	1,631	380	541	640	200	1,522	0	31,140
2031	33,617	2,575	1,609	386	604	743	256	1,668	0	31,110
2032	33,628	2,889	1,585	394	662	885	312	1,805	0	31,100
2033	33,623	3,171	1,563	401	723	1,034	374	1,937	0	31,110
2034	33,642	3,434	1,543	409	780	1,220	443	1,981	0	31,120
2035	33,629	3,670	1,523	416	846	1,421	517	2,018	0	31,130
2036	33,629	3,887	1,501	423	912	1,618	599	2,017	0	31,140
2037	33,597	4,083	1,481	428	980	1,834	686	2,015	0	31,160
2038	33,587	4,258	1,462	432	1,046	2,023	770	2,018	0	31,200
2039	33,549	4,435	1,443	435	1,112	2,219	866	2,021	0	31,230
2040	33,494	4,607	1,425	438	1,168	2,437	956	2,021	0	31,270
2041	33,409	4,777	1,408	441	1,234	2,677	1,053	2,021	0	31,300
2042	33,369	4,916	1,390	443	1,306	2,873	1,142	2,021	0	31,350
2043	33,262	5,058	1,375	445	1,373	3,128	1,230	2,021	0	31,390
2044	33,158	5,176	1,354	446	1,450	3,369	1,318	2,021	0	31,440
2045	32,992	5,280	1,334	447	1,517	3,635	1,410	2,021	0	31,480
2046	32,931	5,382	1,314	448	1,585	3,838	1,489	2,021	0	31,550
2047	32,815	5,476	1,290	449	1,647	4,074	1,572	2,021	0	31,620
2048	32,724	5,565	1,266	450	1,706	4,275	1,657	2,021	0	31,690
2049	32,655	5,643	1,241	452	1,759	4,436	1,723	2,021	0	31,740
2050	32,599	5,719	1,212	452	1,811	4,587	1,777	2,021	0	31,790
2051	32,568	5,792	1,186	454	1,855	4,705	1,823	2,021	0	31,830
2052	32,552	5,864	1,157	454	1,898	4,793	1,857	2,021	0	31,850
2053	32,554	5,933	1,129	454	1,935	4,873	1,883	2,021	0	31,880
2054	32,550	5,998	1,099	454	1,972	4,940	1,912	2,021	0	31,900
2055	32,602	6,066	1,067	454	2,007	4,970	1,921	2,021	0	31,920

(a) - Econometric Summer Peak Demand - Reflects impacts of projected weather trends and economic growth

(b) - Table I-8b: Energy Efficiency and Codes & Standards Summer Coincident Peak Demand Reductions, Relative to 2024

(c) - Table I-9c: Solar PV Impacts, Behind-the-Meter, Total Reductions in Summer Coincident Peak Demand

(d) - Table I-10d: Non-Solar Distributed Generation Impacts, Behind-the-Meter, Total Reductions in Coincident Peak Demand

(e) - Table I-12c: Storage Impacts, Behind-the-Meter, Reductions in Coincident Peak Demand (pumped storage is not included - see Table III-2 for current resources)

(f) - Table I-11c-L: Electric Vehicle Summer Coincident Peak Demand

(g) - Table I-13b-L: Building Electrification Summer Coincident Peak Demand - future end-use electrification including heat pumps, water heating, cooking, and other end-uses

(h) - Table I-14-L: Large Loads Forecast - reflects existing plus future load growth

(i) - There is no electrolysis in the Lower Demand Scenario

(j) - Table I-3a-L: Lower Demand Scenario Summer Coincident Peak Demand Forecast

Lower Demand Scenario forecast tables: <https://www.nyiso.com/library>

Table I-15c: Summary of NYCA Lower Demand Scenario Winter Coincident Peak Demand Forecasts – MW

Year	(a) Econometric Peak Demand	(b) (-) EE and C&S	(c) (-) Solar PV, BTM	(d) (-) Non-Solar DG, BTM	(e) (-) BTM Storage Peak Reductions	(f) (+) EV Peak Demand	(g) (+) Building Electrification	(h) (+) Large Load Projects	(i) (+) Electrolysis	(j) =a-b-c-d-e+f+g+h+i Lower Demand Scenario Winter Peak Forecast
2025-26	23,744	249	0	342	224	387	104	470	0	23,890
2026-27	23,833	590	0	354	281	456	271	775	0	24,110
2027-28	23,836	880	0	356	347	544	489	944	0	24,230
2028-29	23,839	1,164	0	365	412	683	651	1,098	0	24,330
2029-30	23,840	1,448	0	372	468	823	826	1,329	0	24,530
2030-31	23,841	1,752	0	380	541	1,013	1,017	1,572	0	24,770
2031-32	23,843	2,043	0	386	604	1,189	1,275	1,716	0	24,990
2032-33	23,844	2,313	0	394	662	1,403	1,604	1,848	0	25,330
2033-34	23,853	2,569	0	401	723	1,593	2,153	1,974	0	25,880
2034-35	23,849	2,816	0	409	780	1,829	2,661	2,016	0	26,350
2035-36	23,846	3,056	0	416	846	2,079	3,201	2,052	0	26,860
2036-37	23,828	3,286	0	423	912	2,355	3,978	2,050	0	27,590
2037-38	23,825	3,510	0	428	980	2,644	4,770	2,049	0	28,370
2038-39	23,801	3,730	0	432	1,046	2,940	5,446	2,051	0	29,030
2039-40	23,795	3,953	0	435	1,112	3,253	6,148	2,054	0	29,750
2040-41	23,769	4,191	0	438	1,168	3,597	6,967	2,054	0	30,590
2041-42	23,736	4,412	0	441	1,234	3,913	7,764	2,054	0	31,380
2042-43	23,699	4,631	0	443	1,306	4,263	8,604	2,054	0	32,240
2043-44	23,696	4,844	0	445	1,373	4,680	9,452	2,054	0	33,220
2044-45	23,664	5,053	0	446	1,450	4,999	10,342	2,054	0	34,110
2045-46	23,639	5,249	0	447	1,517	5,413	11,227	2,054	0	35,120
2046-47	23,600	5,453	0	448	1,585	5,962	12,160	2,054	0	36,290
2047-48	23,567	5,655	0	449	1,647	6,529	13,021	2,054	0	37,420
2048-49	23,523	5,854	0	450	1,706	6,983	13,880	2,054	0	38,430
2049-50	23,482	6,049	0	452	1,759	7,498	14,706	2,054	0	39,480
2050-51	23,459	6,230	0	452	1,811	7,907	15,533	2,054	0	40,460
2051-52	23,431	6,415	0	454	1,855	8,164	16,295	2,054	0	41,220
2052-53	23,423	6,599	0	454	1,898	8,356	17,008	2,054	0	41,890
2053-54	23,403	6,780	0	454	1,935	8,535	17,667	2,054	0	42,490
2054-55	23,361	6,965	0	454	1,972	8,645	18,291	2,054	0	42,960
2055-56	23,351	7,155	0	454	2,007	8,711	18,800	2,054	0	43,300

(a) - Econometric Winter Peak Demand - Reflects impacts of projected weather trends and economic growth

(b) - Table I-8c: Energy Efficiency and Codes & Standards Winter Coincident Peak Demand Reductions, Relative to 2024-25

(c) - The forecast of solar PV-related reductions to the winter peak is zero because the system typically peaks after sunset

(d) - Table I-10c: Non-Solar Distributed Generation Impacts, Behind-the-Meter, Total Reductions in Coincident Peak Demand

(e) - Table I-12c: Storage Impacts, Behind-the-Meter, Reductions in Coincident Peak Demand (pumped storage is not included - see Table III-2 for current resources)

(f) - Table I-11d-L: Electric Vehicle Winter Coincident Peak Demand

(g) - Table I-13c-L: Building Electrification Winter Coincident Peak Demand - future end-use electrification including heat pumps, water heating, cooking, and other end-uses

(h) - Table I-14-L: Large Loads Forecast - reflects existing plus future load growth

(i) - There is no electrolysis in the Lower Demand Scenario

(j) - Table I-3b-L: Lower Demand Scenario Winter Coincident Peak Demand Forecast

Lower Demand Scenario forecast tables: <https://www.nyiso.com/library>

Table I-16a: Summary of NYCA Higher Demand Scenario Annual Energy Forecasts – GWh

Year	(a) Econometric Energy	(b) (-) EE and C&S	(c) (-) Solar PV, BTM	(d) (-) Non-Solar DG, BTM	(e) (+) Storage Net Energy Consumption	(f) (+) EV Energy	(g) (+) Building Electrification	(h) (+) Large Load Projects	(i) (+) Electrolysis	(j) =a-b-c-d+e+f+g+h+i Higher Demand Scenario Annual Energy Forecast
2025	159,137	1,740	8,071	1,987	117	1,353	651	3,710	0	153,170
2026	161,471	4,060	9,339	2,069	310	1,844	1,483	9,670	0	159,310
2027	162,956	5,980	10,464	2,137	551	2,519	2,455	15,640	0	165,540
2028	164,897	7,842	11,424	2,199	701	3,404	3,573	19,830	0	170,940
2029	166,243	9,662	12,241	2,257	820	4,519	4,838	23,550	600	176,410
2030	167,978	11,598	12,920	2,312	906	5,893	6,243	26,450	1,550	182,190
2031	169,634	13,383	13,524	2,368	992	7,576	7,853	27,840	2,300	186,920
2032	171,602	14,962	14,061	2,421	1,078	9,598	9,706	29,100	3,200	192,840
2033	172,328	16,409	14,531	2,466	1,163	12,021	11,814	30,220	3,950	198,090
2034	173,469	17,739	14,928	2,508	1,249	14,902	14,095	30,940	4,800	204,280
2035	174,828	18,961	15,235	2,549	1,333	18,303	16,661	31,830	5,750	211,960
2036	176,429	20,072	15,568	2,590	1,422	21,775	19,584	32,640	6,950	220,570
2037	177,301	21,069	15,869	2,629	1,508	25,296	22,772	33,680	8,600	229,590
2038	178,457	21,992	16,163	2,659	1,595	28,831	26,221	35,040	10,500	239,830
2039	179,769	22,906	16,448	2,680	1,682	32,355	29,908	36,090	12,400	250,170
2040	181,342	23,871	16,701	2,698	1,769	35,822	33,777	36,900	14,300	260,640
2041	182,241	24,787	16,947	2,708	1,857	39,212	37,752	37,710	15,950	270,280
2042	183,302	25,635	17,180	2,719	1,947	42,503	41,792	38,110	17,300	279,420
2043	184,711	26,421	17,389	2,731	2,036	45,675	45,789	38,310	18,750	288,730
2044	186,428	27,161	17,589	2,741	2,127	48,693	49,703	38,380	20,100	297,940
2045	187,421	27,825	17,788	2,752	2,215	51,528	53,431	38,380	21,300	305,910
2046	188,914	28,468	17,966	2,760	2,305	54,060	56,955	38,380	22,350	313,770
2047	190,343	29,108	18,132	2,767	2,394	56,277	60,213	38,380	23,250	320,850
2048	192,159	29,737	18,302	2,774	2,479	58,184	63,191	38,380	24,100	327,680
2049	193,312	30,313	18,456	2,782	2,566	59,815	65,808	38,380	24,900	333,230
2050	194,938	30,870	18,587	2,789	2,652	61,216	68,220	38,380	25,600	338,760
2051	196,541	31,434	18,735	2,796	2,735	61,980	69,889	38,380	25,900	342,460
2052	198,492	31,996	18,865	2,800	2,815	62,614	71,300	38,380	26,050	345,990
2053	199,676	32,529	18,989	2,804	2,898	63,150	72,408	38,380	26,200	348,390
2054	201,185	33,059	19,103	2,807	2,979	63,598	73,297	38,380	26,350	350,820
2055	202,725	33,596	19,207	2,811	3,058	63,966	73,985	38,380	26,500	353,000

- (a) - Econometric Energy Forecast - Reflects impacts of projected weather trends and economic growth
(b) - Table I-8a: Energy Efficiency and Codes & Standards Energy Impacts, Relative to 2024
(c) - Table I-9b: Solar PV Impacts, Behind-the-Meter - Total Reductions in Annual Energy
(d) - Table I-10b: Non-Solar Distributed Generation Impacts, Behind-the-Meter - Total Reductions in Annual Energy
(e) - Table I-12b: Storage Annual Net Energy Consumption, both wholesale and behind-the-meter (pumped storage is not included - see Table III-2 for current resources)
(f) - Table I-11b-H: Electric Vehicle Energy Usage
(g) - Table I-13a-H: Building Electrification Energy Usage - future end-use electrification including heat pumps, water heating, cooking, and other end-uses
(h) - Table I-14-H: Large Loads Forecast - reflects existing plus future load growth
(i) - Table I-22-H: Electrolysis Annual Energy Impacts
(j) - Table I-2-H: Higher Demand Scenario Annual Energy Forecast

Higher Demand Scenario forecast tables: <https://www.nyiso.com/library>

Table I-16b: Summary of NYCA Higher Demand Scenario Summer Coincident Peak Demand Forecasts – MW

Year	(a) Econometric Peak Demand	(b) (-) EE and C&S	(c) (-) Solar PV, BTM	(d) (-) Non-Solar DG, BTM	(e) (-) BTM Storage Peak Reductions	(f) (+) EV Peak Demand	(g) (+) Building Electrification	(h) (+) Large Load Projects	(i) (+) Electrolysis	(j) =a-b-c-d-e+f+g+h+i Higher Demand Scenario Summer Peak Forecast
2025	33,317	309	1,581	342	224	190	33	466	0	31,550
2026	33,854	729	1,657	354	281	282	78	1,397	0	32,590
2027	34,187	1,108	1,688	356	347	380	131	2,251	0	33,450
2028	34,514	1,481	1,683	365	412	543	187	2,757	0	34,060
2029	34,812	1,851	1,655	372	468	717	252	3,235	0	34,670
2030	35,205	2,225	1,631	380	541	957	323	3,532	0	35,240
2031	35,576	2,575	1,609	386	604	1,189	404	3,715	0	35,710
2032	35,817	2,889	1,585	394	662	1,513	492	3,888	0	36,180
2033	36,037	3,171	1,563	401	723	1,886	589	4,046	0	36,700
2034	36,262	3,434	1,543	409	780	2,369	697	4,168	0	37,330
2035	36,541	3,670	1,523	416	846	2,911	811	4,302	0	38,110
2036	36,811	3,887	1,501	423	912	3,450	935	4,427	0	38,900
2037	37,009	4,083	1,481	428	980	4,014	1,064	4,585	0	39,700
2038	37,144	4,258	1,462	432	1,046	4,509	1,185	4,800	0	40,440
2039	37,393	4,435	1,443	435	1,112	4,994	1,319	4,919	0	41,200
2040	37,598	4,607	1,425	438	1,168	5,517	1,438	5,035	0	41,950
2041	37,858	4,777	1,408	441	1,234	6,068	1,564	5,150	0	42,780
2042	38,079	4,916	1,390	443	1,306	6,495	1,662	5,179	0	43,360
2043	38,234	5,058	1,375	445	1,373	7,026	1,763	5,208	0	43,980
2044	38,430	5,176	1,354	446	1,450	7,493	1,845	5,208	0	44,550
2045	38,580	5,280	1,334	447	1,517	7,856	1,934	5,208	0	45,000
2046	38,901	5,382	1,314	448	1,585	8,173	1,997	5,208	0	45,550
2047	39,146	5,476	1,290	449	1,647	8,554	2,064	5,208	0	46,110
2048	39,420	5,565	1,266	450	1,706	8,795	2,124	5,208	0	46,560
2049	39,651	5,643	1,241	452	1,759	9,019	2,177	5,208	0	46,960
2050	39,805	5,719	1,212	452	1,811	9,272	2,239	5,208	0	47,330
2051	40,070	5,792	1,186	454	1,855	9,409	2,280	5,208	0	47,680
2052	40,268	5,864	1,157	454	1,898	9,543	2,314	5,208	0	47,960
2053	40,380	5,933	1,129	454	1,935	9,679	2,374	5,208	0	48,190
2054	40,458	5,998	1,099	454	1,972	9,787	2,430	5,208	0	48,360
2055	40,593	6,066	1,067	454	2,007	9,890	2,463	5,208	0	48,560

(a) - Econometric Summer Peak Demand - Reflects impacts of projected weather trends and economic growth

(b) - Table I-8b: Energy Efficiency and Codes & Standards Summer Coincident Peak Demand Reductions, Relative to 2024

(c) - Table I-9c: Solar PV Impacts, Behind-the-Meter, Total Reductions in Summer Coincident Peak Demand

(d) - Table I-10d: Non-Solar Distributed Generation Impacts, Behind-the-Meter, Total Reductions in Coincident Peak Demand

(e) - Table I-12c: Storage Impacts, Behind-the-Meter, Reductions in Coincident Peak Demand (pumped storage is not included - see Table III-2 for current resources)

(f) - Table I-11c-H: Electric Vehicle Summer Coincident Peak Demand

(g) - Table I-13b-H: Building Electrification Summer Coincident Peak Demand - future end-use electrification including heat pumps, water heating, cooking, and other end-uses

(h) - Table I-14-H: Large Loads Forecast - reflects existing plus future load growth

(i) - There are no electrolysis peak demand impacts as hydrogen production is expected to occur non-coincident with system peak electric load

(j) - Table I-3a-H: Higher Demand Scenario Summer Coincident Peak Demand Forecast

Higher Demand Scenario forecast tables: <https://www.nyiso.com/library>

Table I-16c: Summary of NYCA Higher Demand Scenario Winter Coincident Peak Demand Forecasts – MW

Year	(a) Econometric Peak Demand	(b) (-) EE and C&S	(c) (-) Solar PV, BTM	(d) (-) Non-Solar DG, BTM	(e) (-) BTM Storage Peak Reductions	(f) (+) EV Peak Demand	(g) (+) Building Electrification	(h) (+) Large Load Projects	(i) (+) Electrolysis	(j) =a-b-c-d-e+f+g+h+i Higher Demand Scenario Winter Peak Forecast
2025-26	24,028	249	0	342	224	414	245	478	0	24,350
2026-27	24,305	590	0	354	281	543	453	1,564	0	25,640
2027-28	24,500	880	0	356	347	705	704	2,304	0	26,630
2028-29	24,700	1,164	0	365	412	937	1,110	2,954	0	27,760
2029-30	24,858	1,448	0	372	468	1,213	1,593	3,344	0	28,720
2030-31	25,065	1,752	0	380	541	1,573	2,234	3,641	0	29,840
2031-32	25,215	2,043	0	386	604	2,069	3,023	3,816	0	31,090
2032-33	25,347	2,313	0	394	662	2,593	3,910	3,979	0	32,460
2033-34	25,482	2,569	0	401	723	3,165	5,142	4,124	0	34,220
2034-35	25,623	2,816	0	409	780	3,737	6,158	4,287	0	35,800
2035-36	25,752	3,056	0	416	846	4,416	7,489	4,431	0	37,770
2036-37	25,876	3,286	0	423	912	5,135	9,148	4,572	0	40,110
2037-38	26,019	3,510	0	428	980	5,854	10,876	4,759	0	42,590
2038-39	26,152	3,730	0	432	1,046	6,578	12,683	4,925	0	45,130
2039-40	26,303	3,953	0	435	1,112	7,312	14,652	5,043	0	47,810
2040-41	26,438	4,191	0	438	1,168	8,063	16,587	5,159	0	50,450
2041-42	26,577	4,412	0	441	1,234	8,744	18,775	5,231	0	53,240
2042-43	26,706	4,631	0	443	1,306	9,439	20,905	5,260	0	55,930
2043-44	26,874	4,844	0	445	1,373	9,982	22,972	5,274	0	58,440
2044-45	27,017	5,053	0	446	1,450	10,540	24,938	5,274	0	60,820
2045-46	27,167	5,249	0	447	1,517	10,925	27,027	5,274	0	63,180
2046-47	27,334	5,453	0	448	1,585	11,289	28,859	5,274	0	65,270
2047-48	27,497	5,655	0	449	1,647	11,632	30,538	5,274	0	67,190
2048-49	27,632	5,854	0	450	1,706	11,914	31,880	5,274	0	68,690
2049-50	27,800	6,049	0	452	1,759	12,102	33,324	5,274	0	70,240
2050-51	27,965	6,230	0	452	1,811	12,336	34,598	5,274	0	71,680
2051-52	28,115	6,415	0	454	1,855	12,561	35,514	5,274	0	72,740
2052-53	28,313	6,599	0	454	1,898	12,696	36,118	5,274	0	73,450
2053-54	28,435	6,780	0	454	1,935	12,799	36,931	5,274	0	74,270
2054-55	28,575	6,965	0	454	1,972	12,907	37,355	5,274	0	74,720
2055-56	28,798	7,155	0	454	2,007	12,995	37,739	5,274	0	75,190

- (a) - Econometric Winter Peak Demand - Reflects impacts of projected weather trends and economic growth
(b) - Table I-8c: Energy Efficiency and Codes & Standards Winter Coincident Peak Demand Reductions, Relative to 2024-25
(c) - The forecast of solar PV-related reductions to the winter peak is zero because the system typically peaks after sunset
(d) - Table I-10c: Non-Solar Distributed Generation Impacts, Behind-the-Meter, Total Reductions in Coincident Peak Demand
(e) - Table I-12c: Storage Impacts, Behind-the-Meter, Reductions in Coincident Peak Demand (pumped storage is not included - see Table III-2 for current resources)
(f) - Table I-11d-H: Electric Vehicle Winter Coincident Peak Demand
(g) - Table I-13c-H: Building Electrification Winter Coincident Peak Demand - future end-use electrification including heat pumps, water heating, cooking, and other end-uses
(h) - Table I-14-H: Large Loads Forecast - reflects existing plus future load growth
(i) - There are no electrolysis peak demand impacts as hydrogen production is expected to occur non-coincident with system peak electric load
(j) - Table I-3b-H: Higher Demand Scenario Winter Coincident Peak Demand Forecast

Higher Demand Scenario forecast tables: <https://www.nyiso.com/library>

Table I-17: Projection of SCR and EDRP Enrollment

Special Case Resources - MW

Zone	Summer	Winter
A	411.7	288.8
B	27.9	25.0
C	82.6	65.4
D	226.9	218.2
E	34.2	34.3
F	103.5	51.9
G	40.7	21.9
H	11.3	7.5
I	38.6	21.5
J	478.7	278.5
K	30.6	13.1
NYCA	1,486.7	1,026.1

Emergency Demand Response Program - MW

Zone	Summer	Winter
A	0.1	0.0
B	0.0	0.0
C	0.0	0.0
D	0.2	0.1
E	0.2	0.0
F	0.0	0.0
G	0.0	0.0
H	0.0	0.3
I	0.0	0.3
J	0.7	0.4
K	0.0	0.0
NYCA	1.2	1.1

Note: SCR and EDRP values are based on the projected enrollment for Summer 2025 and Winter 2025-26. Projected SCR enrollment is assumed to remain constant through the 2035-36 Capability Year in Table V-2.

Table I-18: 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 Beginning	Summer Peak MW
1997	7/15/1997	14	28,699
1998	7/22/1998	16	28,161
1999	7/6/1999	13	30,311
2000	6/26/2000	16	28,138
2001	8/9/2001	14	30,982
2002	7/29/2002	16	30,664
2003	6/26/2003	16	30,333
2004	6/9/2004	16	28,433
2005	7/26/2005	16	32,075
2006	8/2/2006	13	33,939
2007	8/8/2007	16	32,169
2008	6/9/2008	16	32,432
2009	8/17/2009	15	30,844
2010	7/6/2010	16	33,452
2011	7/22/2011	15	33,865
2012	7/17/2012	16	32,439
2013	7/19/2013	16	33,956
2014	9/2/2014	15	29,782
2015	7/29/2015	16	31,138
2016	8/11/2016	16	32,076
2017	7/19/2017	17	29,699
2018	8/29/2018	16	31,861
2019	7/20/2019	16	30,397
2020	7/27/2020	17	30,660
2021*	6/29/2021	17	30,919
2022	7/20/2022	17	30,505
2023^	9/6/2023	17	30,206
2024	7/8/2024	17	28,990

Winter Coincident Peak Dates & Times

November 1 through following April 30

Year	Date	Hour Beginning	Winter Peak MW
1997 - 98	12/10/1997	17	22,445
1998 - 99	1/14/1999	17	23,878
1999 - 00	1/18/2000	17	24,041
2000 - 01	12/13/2000	17	23,774
2001 - 02	4/18/2002	16	23,713
2002 - 03	1/23/2003	18	24,454
2003 - 04	1/15/2004	18	25,262
2004 - 05	12/20/2004	17	25,541
2005 - 06	12/14/2005	18	25,060
2006 - 07	2/5/2007	17	25,057
2007 - 08	1/3/2008	18	25,021
2008 - 09	12/22/2008	17	24,673
2009 - 10	12/17/2009	17	24,074
2010 - 11	12/14/2010	17	24,654
2011 - 12	1/3/2012	17	23,901
2012 - 13	1/24/2013	18	24,658
2013 - 14	1/7/2014	18	25,738
2014 - 15	1/7/2015	18	24,648
2015 - 16	1/19/2016	18	23,317
2016 - 17	12/15/2016	17	24,164
2017 - 18	1/5/2018	17	25,081
2018 - 19	1/21/2019	18	24,728
2019 - 20	12/19/2019	17	23,253
2020 - 21	12/16/2020	17	22,542
2021 - 22	1/11/2022	17	23,237
2022 - 23	2/3/2023	18	23,369
2023 - 24	1/17/2024	18	22,754
2024 - 25	1/22/2025	18	23,521

Note: Record peaks are highlighted.

Note: Peak hours are reported as hour beginning (e.g., if the peak occurs during the 4 to 5 PM hour, the hour beginning value is 16).

Note: Beginning in 2021, the peak hour for purposes of the ICAP market weather normalization and forecast is constrained to July and August non-holiday weekdays.

* The ICAP market peak hour in 2021 was 8/26/2021, hour beginning 16 (30,309 MW).

^ The ICAP market peak hour in 2023 was 7/28/2023, hour beginning 17 (28,735 MW).

Note: Values reflect NYISO operational data metered peak load, before weather normalization and demand response addbacks.

Table I-19: Weather Normalized Annual Energy and Seasonal Peak Demand

Historical System Weather Normalized Values

Year	Weather Normalized Energy (GWh)	Summer	Weather Normalized Peak (MW)	Winter	Weather Normalized Peak (MW)
2003	158,141	2003	31,410	2003 - 04	24,900
2004	160,843	2004	31,400	2004 - 05	25,250
2005	164,105	2005	33,068	2005 - 06	24,770
2006	163,200	2006	32,992	2006 - 07	25,030
2007	165,922	2007	33,444	2007 - 08	25,490
2008	166,950	2008	33,670	2008 - 09	25,016
2009	161,680	2009	33,063	2009 - 10	24,537
2010	161,838	2010	32,453	2010 - 11	24,452
2011	163,123	2011	33,019	2011 - 12	24,630
2012	163,081	2012	33,106	2012 - 13	24,630
2013	163,610	2013	33,497	2013 - 14	24,610
2014	161,113	2014	33,291	2014 - 15	24,500
2015	160,352	2015	33,226	2015 - 16	24,220
2016	159,203	2016	33,225	2016 - 17	24,416
2017	156,747	2017	32,914	2017 - 18	24,265
2018	158,435	2018	32,512	2018 - 19	24,114
2019	155,848	2019	32,357	2019 - 20	24,123
2020	150,310	2020	31,723	2020 - 21	23,890
2021	152,147	2021	31,528	2021 - 22	23,708
2022	152,058	2022	31,709	2022 - 23	23,674
2023	149,518	2023	31,288	2023 - 24	23,370
2024	151,556	2024	31,264	2024 - 25	24,030

Note: Historical summer peak weather normalized values are from the ICAP forecast process, and include estimated demand response impacts added back. The NYCA aggregate design weather condition is 57th percentile summer peak day weather.

Note: Weather normalized annual energy values for all prior years have been calculated using the current methodology, and may differ slightly from values reported in prior Gold Books.

Table I-20: Historical NYCA Peak Day Weather Distributions

Summer NYCA Peak Day Temperature - Daily Average Dry Bulb (deg F)

Weather	A	B	C	D	E	F	G	H	I	J	K	NYCA
10th	75	75	75	74	74	77	79	79	80	82	79	79
Baseline	79	80	79	78	78	81	83	84	85	87	83	83
90th	83	84	83	83	81	84	86	87	87	90	87	86
99th	87	88	86	87	84	87	89	90	91	93	91	89

Summer NYCA Peak Day Temperature - Daily Maximum Dry Bulb (deg F)

Weather	A	B	C	D	E	F	G	H	I	J	K	NYCA
10th	83	85	86	83	85	87	89	89	89	89	87	87
Baseline	88	90	90	88	89	92	94	94	95	95	93	92
90th	92	94	95	94	93	96	97	98	98	98	98	95
99th	96	98	99	98	97	100	100	102	102	102	103	99

Summer NYCA Peak Day Temperature - Daily Maximum Wet Bulb (deg F)

Weather	A	B	C	D	E	F	G	H	I	J	K	NYCA
10th	72	72	72	72	72	73	74	74	74	75	75	73
Baseline	75	75	75	75	75	76	77	77	77	77	78	76
90th	78	78	77	78	78	79	80	79	80	79	81	78
99th	80	81	79	81	80	81	82	82	82	81	83	80

Note: Wet bulb temperature includes humidity impacts.

Winter NYCA Peak Day Temperature - Daily Average Dry Bulb (deg F)

Weather	A	B	C	D	E	F	G	H	I	J	K	NYCA
10th	20	19	19	15	17	20	24	25	26	28	28	24
Baseline	11	11	10	4	7	10	13	15	14	17	20	14
90th	2	2	0	-7	-3	0	5	7	9	11	11	6
99th	-6	-5	-8	-16	-11	-8	-2	0	2	4	4	-1

Winter NYCA Peak Day Temperature - Daily Minimum Dry Bulb (deg F)

Weather	A	B	C	D	E	F	G	H	I	J	K	NYCA
10th	15	13	13	8	11	14	18	20	20	23	23	19
Baseline	5	5	3	-3	0	3	6	8	8	11	14	8
90th	-4	-4	-7	-15	-11	-7	-2	0	2	5	5	0
99th	-12	-12	-15	-25	-20	-16	-10	-8	-5	-2	-3	-7

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Section II

**Changes in Generating Facilities &
Generation Since the 2024 *Gold Book***

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Section II

This section provides an overview of significant changes in generating facilities since the 2024 *Gold Book* was issued, together with a summary of changes in energy generation in the past year. This information is presented in two steps. Reported first is the net change from the existing generation reported in the 2024 *Gold Book*, which is an increase of 324.0 MW¹² of summer capability. Second, any additional generation changes expected to occur prior to summer 2025 are reported, which is a decrease of 44.6 MW, excluding changes in Special Case Resources and Net Purchases. This results in a total capacity increase of 279.4 MW from existing summer capability reported in the 2024 *Gold Book* to the expected capability for NYCA generating facilities for summer of 2025. All generator capacity values listed in this section are DMNC.

Changes in Existing Generation Since the 2024 *Gold Book*

The existing summer 2025 NYCA installed generating capacity of 37,698.9 MW increased by 324.0 MW from the existing summer 2024 generating capacity reported in the 2024 *Gold Book* of 37,374.9 MW, as shown in Table II-1a. The winter 2025-26 NYCA installed generating capacity of 39,971.0 MW increased by 266.2 MW from the existing winter 2024-25 generating capacity of 39,704.8 MW reported in the 2024 *Gold Book*, as shown in Table II-1b.

Table II-1a: Summary of Changes in Summer Capacity Since 2024 – MW

Generator Fuel Types	2024 Capacity	Reductions	Additions & Upgrades	Reclassifications	Ratings Changes	2025 Capacity
Gas	4,661.7	0.0	0.0	0.0	-38.0	4,623.7
Oil	1,954.1	-18.7	0.0	0.0	-13.2	1,922.2
Gas & Oil	18,682.9	-14.5	0.0	0.0	-26.1	18,642.3
Nuclear	3,330.4	0.0	0.0	0.0	-4.5	3,325.9
Hydro	4,274.1	0.0	0.0	0.0	-9.9	4,264.2
Land-Based Wind	2,453.5	0.0	0.0	0.0	0.0	2,453.5
Offshore Wind	0.0	0.0	132.0	0.0	0.0	132.0
Solar	254.4	0.0	319.0	0.0	0.0	573.4
Energy Storage	1,429.8	0.0	0.0	0.0	-2.3	1,427.5
Other	334.0	0.0	0.0	0.0	0.2	334.2
Total	37,374.9	-33.2	451.0	0.0	-93.8	37,698.9

¹² Values in this section have been rounded to the 0.1 MW. This may result in slight numerical differences as compared to values reported in other sections of this report.

Since the publication of the 2024 *Gold Book*, four generating units totaling 451.0 MW of summer and winter capacity have been added. Two units have been removed from the listing of existing units¹³ totaling 33.2 MW of summer capacity and 39.6 MW of winter capacity. There were no reclassifications of generators from one fuel type to another since the 2024 *Gold Book*. Finally, capability (or ratings) changes in existing generators resulted in a net decrease of 93.8 MW in summer and a net decrease of 145.2 MW in winter.

Table II-1b: Summary of Changes in Winter Capacity Since 2024 – MW

Generator Fuel Types	2024-25 Capacity	Reductions	Additions & Upgrades	Reclassifications	Ratings Changes	2025-26 Capacity
Gas	5,098.7	0.0	0.0	0.0	-66.0	5,032.7
Oil	2,214.0	-23.1	0.0	0.0	-32.5	2,158.4
Gas & Oil	20,343.2	-16.5	0.0	0.0	-51.5	20,275.2
Nuclear	3,354.6	0.0	0.0	0.0	7.2	3,361.8
Hydro	4,225.0	0.0	0.0	0.0	-8.9	4,216.1
Land-Based Wind	2,453.5	0.0	0.0	0.0	0.0	2,453.5
Offshore Wind	0.0	0.0	132.0	0.0	0.0	132.0
Solar	254.4	0.0	319.0	0.0	0.0	573.4
Energy Storage	1,429.4	0.0	0.0	0.0	1.1	1,430.5
Other	332.0	0.0	0.0	0.0	5.4	337.4
Total	39,704.8	-39.6	451.0	0.0	-145.2	39,971.0

The “Gas & Oil” fuel type is identified based upon whether or not environmental permits, pipeline connections, regulatory compliance requirements, and/or storage tanks, as appropriate, are in place to allow for the use of the fuel(s) 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.

Generator ratings are updated semi-annually for the summer and winter capability periods. Additional information on existing generation is provided in Section III. The NYISO also reports generator status changes each month on our website at: <https://www.nyiso.com/ny-power-system-information-outlook>.

¹³ Deactivations include units in an ICAP Ineligible Forced Outage (“IIFO”) state that have been removed from Table III-2.

Proposed Changes to Generation for Summer 2025

Proposed generator additions result in an increase of 110.0 MW for the summer capability period. Proposed generator deactivations result in a decrease of 154.6 MW for the summer, resulting in an overall decrease of 44.6 MW, as shown in V-2a.

Demand Response Resources for Summer 2025 and Winter 2025-26

The projected 2025 summer capability for SCR is 1,486.7 MW. The projected summer 2025 enrollment for the EDRP is 1.2 MW. For winter 2025-26, the SCR total is 1,026.1 MW and the EDRP enrollment is 1.1 MW.

Total Resource Capability for Summer 2025 and Winter 2025-26

The total resource capability forecast for the 2025 summer capability period is 40,909.7 MW. This value is the sum of existing facilities (37,698.9 MW), Special Case Resources (1,486.7 MW), net generation additions¹⁴ and deactivations (-44.6 MW) and net purchases from external areas (1,768.7 MW). This is an increase of 38.0 MW from the 2024 value of 40,871.7 MW projected in the 2024 *Gold Book*.

For the winter capability period, the forecasted total resource capability is 42,628.6 MW. This value is the sum of existing facilities (39,971.0 MW), Special Case Resources (1,026.1 MW), net generation additions and deactivations (370.7 MW), and net purchases from external areas (1,260.8 MW). This is a decrease of 1,697.7 MW from the 2024-2025 value of 44,326.3 MW projected in the 2024 *Gold Book*.

Summary of 2024 Energy Generation

In 2024, a total of 130,643 GWh was generated in the NYCA, an increase of 5.2% from the 124,153 GWh generated in 2023. Renewable energy generation was 36,682 GWh in 2024 (28.0% of total NYCA generation), compared to 35,770 GWh in 2023 (28.7%). Fossil-fueled energy generation in 2024 was 67,297 GWh (51.4%), compared to 61,229 GWh in 2023 (49.2%). Nuclear energy generation was 27,073 GWh in 2024 (20.6%), compared to 27,522 GWh in 2023 (22.1%). Net energy storage generation (injections less withdrawals) decreased by 41 GWh from 2023 to 2024; from -368 GWh to -409 GWh.

¹⁴ Expected additions include projects that have either completed a Class Year Interconnection Facilities Study or an Interconnection Agreement for Non Class Year Generators, as shown in Table IV-1.

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Section III

Existing Generating Facilities

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Section III

This section lists existing generating resources operating in the NYCA as of March 15, 2025. 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 and winter Capacity Resource Interconnection Service (CRIS) MW values¹⁵ 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 2024 *Gold Book* remain listed in Table III-2 for one year. Table III-2a reports this information for generators that participate in the NYISO's markets, while Table III-2b reports applicable information for generators that do not participate in the NYISO's markets, such as generators that operate solely as load modifiers. Generators are listed by zone, and generally by PTID number and/or station-unit name. Net energy values reported for battery storage, flywheel, and pumped storage resources reflect aggregate net injections (energy supplied to the grid less energy drawn from the grid).

The values for the Summer Capability Period in this *Gold Book* reflect the most recent DMNC values available. The 2025 Summer Installed Capacity market will generally use DMNC values taken from the 2024 Summer Capability Period. The Winter Capability Period values represent the most recent DMNC values demonstrated during a Winter Capability Period. The 2025-26 Winter Installed Capacity Market will generally use DMNC values taken from the 2024-25 Winter Capability Period.

Units are classified as dual-fuel (gas & oil) when environmental permits, pipeline connections, regulatory compliance requirements, and/or storage tanks allow for the use of the Type 2 fuel listed for each generating unit in Table III-2. To the extent generators classified as dual-fuel are not capable of operating on their Type 2 fuel for the listed capability periods, Table III-2 includes a note (S). These units are counted as gas and oil for aggregate values listed in this *Gold Book*.

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 generators might consider as their primary fuel. The NYISO does not report the DMNC for generation with alternate fuels for the following reasons: (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.

¹⁵ 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.

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

Table III-1: Existing Generating Facilities Codes and Abbreviations

<u>FUEL TYPE</u>	<u>UNIT TYPE</u>
BAT - Battery	CC - Combined Cycle
BUT - Butane	CG - Cogeneration
F02 - No. 2 Fuel Oil	CT - Combustion Turbine Portion (CC)
F04 - No. 4 Fuel Oil	CW - Waste Heat Only (CC)
F06 - No. 6 Fuel Oil	ES - Energy Storage
FW - Fly Wheel	FC - Fuel Cell
JF - Jet Fuel	GT - Combustion Turbine
KER - Kerosene	HY - Conventional Hydro
MTE - Methane (Bio Gas)	IC - Internal Combustion
NG - Natural Gas	JE - Jet Engine
OT - Other (Describe In Footnote)	NB - Steam (BWR Nuclear)
REF - Refuse (Solid Waste)	NP - Steam (PWR Nuclear)
SUN - Sunlight	PS - Pumped Storage Hydro
UR - Uranium	PV - Photovoltaic
WAT - Water	ST - Steam Turbine (Fossil)
WD - Wood and/or Wood Waste	WT - Wind Turbine
LBW - Land-Based Wind	
OSW - Offshore Wind	

<u>COUNTY CODES</u> <u>NEW YORK - NY - 36</u>	
001 - Albany	063 - Niagara
003 - Allegany	065 - Oneida
005 - Bronx	067 - Onondaga
007 - Broome	069 - Ontario
009 - Cattaraugus	071 - Orange
011 - Cayuga	073 - Orleans
013 - Chautauqua	075 - Oswego
015 - Chemung	077 - Otsego
017 - Chenango	079 - Putnam
019 - Clinton	081 - Queens
021 - Columbia	083 - Rensselaer
023 - Cortland	085 - Richmond
025 - Delaware	087 - Rockland
027 - Dutchess	089 - St Lawrence
029 - Erie	091 - Saratoga
031 - Essex	093 - Schenectady
033 - Franklin	095 - Schoharie
035 - Fulton	097 - Schuyler
037 - Genesee	099 - Seneca
039 - Greene	101 - Steuben
041 - Hamilton	103 - Suffolk
043 - Herkimer	105 - Sullivan
045 - Jefferson	107 - Tioga
047 - Kings	109 - Tompkins
049 - Lewis	111 - Ulster
051 - Livingston	113 - Warren
053 - Madison	115 - Washington
055 - Monroe	117 - Wayne
057 - Montgomery	119 - Westchester
059 - Nassau	121 - Wyoming
061 - New York	123 - Yates

<u>COUNTY CODES</u> <u>PENNSYLVANIA - PA - 42</u>	
001 - Adams	067 - Juniata
003 - Allegheny	069 - Lackawanna
005 - Armstrong	071 - Lancaster
007 - Beaver	073 - Lawrence
009 - Bedford	075 - Lebanon
011 - Berks	077 - Lehigh
013 - Blair	079 - Luzerne
015 - Bradford	081 - Lycoming
017 - Bucks	083 - McKean
019 - Butler	085 - Mercer
021 - Cambria	087 - Mifflin
023 - Cameron	089 - Monroe
025 - Carbon	091 - Montgomery
027 - Centre	093 - Montour
029 - Chester	095 - Northampton
031 - Clarion	097 - Northumberland
033 - Clearfield	099 - Perry
035 - Clinton	101 - Philadelphia
037 - Columbia	103 - Pike
039 - Crawford	105 - Potter
041 - Cumberland	107 - Schuylkill
043 - Dauphin	109 - Snyder
045 - Delaware	111 - Somerset
047 - Elk	113 - Sullivan
049 - Erie	115 - Susquehanna
051 - Fayette	117 - Tioga
053 - Forest	119 - Union
055 - Franklin	121 - Venango
057 - Fulton	123 - Warren
059 - Greene	125 - Washington
061 - Huntingdon	127 - Wayne
063 - Indiana	129 - Westmoreland
065 - Jefferson	131 - Wyoming
	133 - York

<u>COUNTY CODES</u> <u>MASSACHUSETTS - MA - 25</u>
001 - Barnstable
003 - Berkshire
005 - Bristol
007 - Dukes
009 - Essex
011 - Franklin
013 - Hampden
015 - Hampshire
017 - Middlesex
019 - Nantucket
021 - Norfolk
023 - Plymouth
025 - Suffolk
027 - Worcester

<u>COUNTY CODES</u> <u>NEW JERSEY - NJ - 34</u>
001 - Atlantic
003 - Bergen
005 - Burlington
007 - Camden
009 - Cape May
011 - Cumberland
013 - Essex
015 - Gloucester
017 - Hudson
019 - Hunterdon
021 - Mercer
023 - Middlesex
025 - Monmouth
027 - Morris
029 - Ocean
031 - Passaic
033 - Salem
035 - Somerset
037 - Sussex
039 - Union
041 - Warren

Table III-2a: NYISO Market Generators

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy GWh	Notes
										Town	Cnty	St	YYYY-MM-DD			MW	SUM		

Jamestown Board of Public Utilities	Jamestown 5		A	1658	Jamestown	013	36	1951-08-01	28.7	23.0	23.0	19.0	21.2	YES	ST	NG	FO2	1.0	
Jamestown Board of Public Utilities	Jamestown 6		A	1658	Jamestown	013	36	1968-08-01	25.0	22.4	22.4	16.5	18.4	YES	ST	NG	FO2	4.2	
Jamestown Board of Public Utilities	Jamestown 7		A	1659	Jamestown	013	36	2002-01-01	47.3	40.0	40.0	39.2	45.2		GT	NG		28.3	
New York Power Authority	Lewiston PS (Fleet)		A	23760	Niagara Falls	063	36	1961-01-01	240.0	240.0	240.0	240.0	240.0		PS	WAT		-238.4	
New York Power Authority	Moses Niagara (Fleet)		A	23760	Niagara Falls	063	36	1961-01-01	2,860.0	2,460.0	2,460.0	2,435.0	2,435.0		HY	WAT		15,585.1	
Indeck-Yerkes LP	Indeck-Yerkes		A	23781	Tonawanda	029	36	1990-02-01	59.9	49.7	60.5	43.1	53.8	YES	CC	NG	FO2	20.9	
Erie Blvd. Hydro - NYS Barge	Hydraulic Race		A	23848	Lockport	063	36	1942-01-01	4.7	3.1	3.1	4.7	4.7		HY	WAT		7.6	
Indeck-Olean LP	Indeck-Olean		A	23982	Olean	009	36	1993-12-01	90.6	79.4	88.5	79.0	86.0	YES	CC	NG	FO2	34.5	
Covanta Niagara, LP	American Ref-Fuel 1		A	24010	Niagara	063	36	1993-05-01	25.0	19.6	19.6	18.8	19.1		ST	REF		261.6	(G)
Covanta Niagara, LP	American Ref-Fuel 2		A	24010	Niagara	063	36	1993-05-01	25.0	19.6	19.6	18.8	19.0		ST	REF			
Model City Energy LLC	Model City Energy		A	24167	Lewiston	063	36	2001-06-01	5.6	5.6	5.6	5.6	5.6		IC	MTE		23.8	
Modern Innovative Energy, LLC	Modern LF		A	323580	Lewiston	063	36	2006-02-01	6.4	6.4	6.4	6.4	6.4		IC	MTE		24.7	
Niagara Wind Power, LLC	Steel Wind		A	323596	Lackawanna	029	36	2007-01-23	20.0	0.0	0.0	0.0	0.0		WT	LBW		54.9	
WM Renewable Energy,LLC	Chaffee		A	323603	Chaffee	029	36	2007-08-09	6.4	6.4	6.4	6.4	6.4		IC	MTE		4.5	
Valcour Bliss Windpark, LLC	Bliss Wind Power		A	323608	Bliss	121	36	2008-03-20	100.5	100.5	100.5	100.5	100.5		WT	LBW		171.7	
Castleton Commodities Energy Services LLC	Chautauqua LFGE		A	323629	Jamestown	013	36	2010-02-12	9.6	0.0	0.0	0.0	0.0		IC	MTE		0.0	
Erie Wind, LLC	Erie Wind		A	323693	Lackawanna	029	36	2012-02-01	15.0	0.0	0.0	0.0	0.0		WT	LBW		41.3	
Arkwright Summit Wind Farm LLC	Arkwright Summit Wind Farm		A	323751	Arkwright	013	36	2018-09-01	78.4	78.4	78.4	78.4	78.4		WT	LBW		230.3	
Lockport Energy Assoc.	Lockport CC1		A	323769	Lockport	063	36	1992-07-01	73.8	75.1	87.3	70.0	74.5	YES	CC	NG	FO2	186.9	(G)
Lockport Energy Assoc.	Lockport CC2		A	323770	Lockport	063	36	1992-07-01	73.8	75.1	87.2	70.0	74.5	YES	CC	NG	FO2		
Lockport Energy Assoc.	Lockport CC3		A	323771	Lockport	063	36	1992-07-01	73.8	75.0	87.2	70.0	74.5	YES	CC	NG	FO2		
Cassadaga Wind, LLC	Cassadaga Wind		A	323784	Charlotte	013	36	2021-04-01	126.5	126.0	126.0	0.0	0.0		WT	LBW		214.9	
Orangeville Energy Storage LLC	Orangeville ESR		A	323794	Orangeville	121	36	2021-10-19	20.0	0.0	0.0	0.0	0.0		ES	BAT		-3.0	
Galt Power Inc.	KCE NY 6		A	323823	Hamburg	029	36	2023-07-01	20.0	20.0	20.0	17.0	20.0		ES	BAT		-4.6	
Ball Hill Wind Energy, LLC	Ball Hill Wind		A	323825	Hanover	013	36	2024-02-01	107.5	100.0	100.0	107.5	107.5		WT	LBW		244.9	
World Generation X, LLC	Fortistar - N.Tonawanda (BTM:NG)		A	323836	N Tonawanda	029	36	1993-06-01	68.5	59.0	75.0	46.5	60.1	YES	CC	NG	FO2	66.8	(E)
Seneca Power Partners, L.P.	Allegany		B	23514	Hume	003	36	1995-03-01	67.0	62.9	82.2	62.7	63.3		CC	NG		15.5	
R.E. Ginna Nuclear Power Plant, LLC	R. E. Ginna		B	23603	Ontario	117	36	1970-07-01	614.0	582.0	582.0	578.8	581.1		NP	UR		4,799.1	
Rochester Gas and Electric Corp.	Station 2 1		B	23604	Rochester	055	36	1913-07-01	8.5	6.5	6.5	8.5	8.5		HY	WAT		5.0	(G)
Rochester Gas and Electric Corp.	Station 26 1		B	23604	Rochester	055	36	1952-08-01	3.0	3.0	3.0	3.0	3.0		HY	WAT			
Rochester Gas and Electric Corp.	Station 5 1		B	23604	Rochester	055	36	1918-07-01	14.0	11.8	11.8	14.0	14.0		HY	WAT			
Rochester Gas and Electric Corp.	Station 5 2		B	23604	Rochester	055	36	1918-07-01	13.6	11.8	11.8	13.6	13.6		HY	WAT			
Rochester Gas and Electric Corp.	Station 5 3		B	23604	Rochester	055	36	1918-07-01	18.0	16.5	16.5	18.0	18.0		HY	WAT			
Seneca Power Partners, L.P.	Batavia		B	24024	Batavia	037	36	1992-06-01	67.3	57.1	71.7	47.5	58.4		CC	NG		3.4	
Erie Blvd. Hydro - Oak Orchard	Glenwood 1		B	24046	Medina	073	36	1950-01-01	0.5	0.5	0.5	0.5	0.5		HY	WAT		1.9	
Erie Blvd. Hydro - Oak Orchard	Glenwood 2		B	24046	Medina	073	36	1950-01-01	0.5	0.5	0.5	0.5	0.5		HY	WAT		2.0	
Erie Blvd. Hydro - Oak Orchard	Glenwood 3		B	24046	Medina	073	36	1950-01-01	0.5	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	0.3	0.4	0.4		HY	WAT		1.0	

Table III-2a: NYISO Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy	Notes	
										Town	Cnty	St	YYYY-MM-DD			MW	SUM			WIN
Erie Blvd. Hydro - Oak Orchard	Waterport 1		B	24046	Waterport	073	36	1941-01-01	2.3		1.6	1.6	2.3	2.3		HY	WAT		8.7	
Erie Blvd. Hydro - Oak Orchard	Waterport 2		B	24046	Waterport	073	36	1968-01-01	2.5		1.8	1.8	2.5	2.5		HY	WAT		3.7	
WM Renewable Energy,LLC	Mill Seat		B	323607	Riga	055	36	2007-07-20	6.4		6.4	6.4	6.4	6.4		IC	MTE		3.2	
Innovative Energy Systems, Inc.	Hyland LFGE		B	323620	Angelica	003	36	2008-09-08	4.8		4.8	4.8	4.8	4.8		IC	MTE		20.9	
Galt Power Inc.	Synergy Biogas		B	323694	Wyoming	121	36	2012-09-01	2.0		0.0	0.0	0.0	0.0		IC	MTE		3.9	
RED-Rochester, LLC	Red Rochester (BTM:NG)		B	323720	Rochester	055	36	2021-04-05	117.0		16.5	16.5	16.5	6.6	YES	ST	NG	FO2	3.3	(E)(10)
New York State Elec. & Gas Corp.	Allegheny 8		C	23528	Kittanning PA	005	42	1990-10-01	16.0		14.7	14.7	13.3	13.3		HY	WAT		158.7	(G)
New York State Elec. & Gas Corp.	Allegheny 9		C	23528	Kittanning PA	005	42	1990-10-01	22.0		20.2	20.2	18.2	18.2		HY	WAT			
Nine Mile Point Nuclear Station, LLC	Nine Mile Point 1		C	23575	Scriba	075	36	1969-11-01	641.8		630.5	630.5	619.7	634.4		NB	UR		5,251.6	
Nine Mile Point Nuclear Station, LLC	Nine Mile Point 2		C	23744	Scriba	075	36	1988-08-01	1,399.0		1,310.0	1,310.0	1,283.4	1,291.8		NB	UR		10,232.6	
Emera Energy Services Subsidiary No. 3 LLC	Greenidge 4 (BTM:NG)		C	23583	Torrey	123	36	1953-12-01	112.5		106.3	106.3	29.8	24.1		ST	NG	WD	172.6	(E)(8)
Constellation Energy Generation, LLC	James A. FitzPatrick		C	23598	Scriba	075	36	1975-07-01	882.0		858.9	858.9	844.0	854.5		NB	UR		6,789.7	
Oswego Harbor Power, LLC	Oswego 5		C	23606	Oswego	075	36	1976-02-01	901.8		850.3	850.3	820.5	818.6		ST	FO6		23.0	
Oswego Harbor Power, LLC	Oswego 6		C	23613	Oswego	075	36	1980-07-01	901.8		835.2	835.2	791.7	803.7	YES	ST	FO6	NG	12.6	(P)
WM Renewable Energy,LLC	High Acres		C	23767	Fairport	117	36	1991-06-01	9.6		9.6	9.6	9.6	9.6		IC	MTE		2.0	
Indeck Energy Services of Silver Springs	Indeck-Silver Springs		C	23768	Silver Springs	121	36	1991-04-01	56.6		51.5	66.1	52.7	59.6	YES	CC	NG	FO2	59.4	
Indeck-Oswego LP	Indeck-Oswego		C	23783	Oswego	075	36	1990-05-01	57.4		51.6	66.7	51.9	59.0	YES	CC	NG	FO2	49.9	
Seneca Energy II, LLC	Seneca Energy 1		C	23797	Seneca Falls	099	36	1996-03-01	8.8		8.8	8.8	8.8	8.8		IC	MTE		22.4	(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	8.8		IC	MTE			
Seneca Energy II, LLC	Ontario LFGE		C	23819	Canandaigua	069	36	2003-12-01	11.2		11.2	11.2	11.2	11.2		IC	MTE		37.8	
SBF New York, L.L.C.	Syracuse		C	23985	Syracuse	067	36	1993-09-01	102.7		88.8	109.3	86.2	101.9	YES	CC	NG	FO2	16.1	(S)
Erie Blvd. Hydro - Seneca Oswego	Baldwinsville 1		C	24041	Baldwinsville	067	36	1927-01-01	0.3		0.2	0.2	0.3	0.3		HY	WAT		0.8	
Erie Blvd. Hydro - Seneca Oswego	Baldwinsville 2		C	24041	Baldwinsville	067	36	1927-01-01	0.3		0.2	0.2	0.3	0.3		HY	WAT		1.3	
Erie Blvd. Hydro - Seneca Oswego	Fulton 1		C	24041	Fulton	075	36	1924-01-01	0.8		0.8	0.8	0.8	0.8		HY	WAT		2.6	
Erie Blvd. Hydro - Seneca Oswego	Fulton 2		C	24041	Fulton	075	36	1928-01-01	0.5		0.4	0.4	0.5	0.5		HY	WAT		3.1	
Erie Blvd. Hydro - Seneca Oswego	Granby 1		C	24041	Granby	075	36	1983-05-01	5.0		5.1	5.1	5.0	5.0		HY	WAT		18.0	
Erie Blvd. Hydro - Seneca Oswego	Granby 2		C	24041	Granby	075	36	1983-05-01	5.0		5.1	5.1	5.0	5.0		HY	WAT		18.0	
Erie Blvd. Hydro - Seneca Oswego	Minetto 2		C	24041	Minetto	075	36	1915-01-01	1.6		1.5	1.5	1.6	1.6		HY	WAT		6.9	
Erie Blvd. Hydro - Seneca Oswego	Minetto 3		C	24041	Minetto	075	36	1915-01-01	1.6		1.5	1.5	1.6	1.6		HY	WAT		7.4	
Erie Blvd. Hydro - Seneca Oswego	Minetto 4		C	24041	Minetto	075	36	1915-01-01	1.6		1.5	1.5	1.6	1.6		HY	WAT		6.5	
Erie Blvd. Hydro - Seneca Oswego	Minetto 5		C	24041	Minetto	075	36	1975-01-01	1.6		1.5	1.5	1.6	1.6		HY	WAT		5.9	
Erie Blvd. Hydro - Seneca Oswego	Minetto 6		C	24041	Minetto	075	36	1975-01-01	1.6		1.5	1.5	1.6	1.6		HY	WAT		6.5	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls E 1		C	24041	Oswego	075	36	1914-01-01	1.5		1.5	1.5	1.5	1.5		HY	WAT		9.1	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls E 2		C	24041	Oswego	075	36	1914-01-01	1.5		1.5	1.5	1.5	1.5		HY	WAT		6.8	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls E 3		C	24041	Oswego	075	36	1914-01-01	1.5		1.5	1.5	1.5	1.5		HY	WAT		7.0	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 4		C	24041	Oswego	075	36	1914-01-01	0.9		1.0	1.0	0.9	0.9		HY	WAT		1.6	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 5		C	24041	Oswego	075	36	1914-01-01	0.9		1.0	1.0	0.9	0.9		HY	WAT		2.2	
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	0.5		HY	WAT		2.4	

Table III-2a: NYISO Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy GWh	Notes
										Town	Cnty	St	MW			MW			
					YYYY-MM-DD	MW	SUM						WIN			SUM	WIN		
					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	0.5	
Erie Blvd. Hydro - Seneca Oswego	Varick 2		C	24041	Oswego	075	36	1926-01-01	2.2	1.9	1.9	2.2	2.2		HY	WAT		6.8	
Erie Blvd. Hydro - Seneca Oswego	Varick 3		C	24041	Oswego	075	36	1926-01-01	2.2	2.1	2.1	2.2	2.2		HY	WAT		7.1	
Erie Blvd. Hydro - Seneca Oswego	Varick 4		C	24041	Oswego	075	36	1926-01-01	2.2	1.9	1.9	2.2	2.2		HY	WAT		2.9	
Erie Blvd. Hydro - Seneca Oswego	Varick 5		C	24041	Oswego	075	36	1926-01-01	2.2	1.9	1.9	2.2	2.2		HY	WAT		5.6	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 1		C	24043	Altmar	075	36	1964-01-01	6.4	7.0	7.0	6.4	6.4		HY	WAT		13.1	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 2		C	24043	Altmar	075	36	1966-01-01	6.4	7.0	7.0	6.4	6.4		HY	WAT		23.6	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 3		C	24043	Altmar	075	36	1970-01-01	7.0	7.7	7.7	7.0	7.0		HY	WAT		27.2	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 4		C	24043	Altmar	075	36	1970-01-01	7.0	7.7	7.7	7.0	7.0		HY	WAT		30.7	
Erie Blvd. Hydro - South Salmon	Lighthouse Hill 1		C	24043	Altmar	075	36	1930-01-01	3.8	4.1	4.1	3.8	3.8		HY	WAT		15.2	
Erie Blvd. Hydro - South Salmon	Lighthouse Hill 2		C	24043	Altmar	075	36	1930-01-01	3.8	4.1	4.1	3.8	3.8		HY	WAT		8.2	
Carr Street Generating Station LP	Carr St.-E. Syr		C	24060	Dewitt	067	36	1993-08-01	122.6	89.0	116.8	89.6	103.8	YES	CC	NG	FO2	90.9	
Dyegy Marketing and Trade, LLC	Independence GS1		C	24169	Scriba	075	36	1994-11-01	313.5	253.2	303.0	249.1	299.0		CC	NG		6,183.0	
Dyegy Marketing and Trade, LLC	Independence GS2		C	24170	Scriba	075	36	1994-11-01	313.5	253.2	302.9	249.1	299.0		CC	NG			
Dyegy Marketing and Trade, LLC	Independence GS3		C	24171	Scriba	075	36	1994-11-01	313.5	253.3	303.0	249.1	299.0		CC	NG			
Dyegy Marketing and Trade, LLC	Independence GS4		C	24172	Scriba	075	36	1994-11-01	313.5	253.2	302.8	249.1	299.0		CC	NG			
Canastota Windpower LLC	Fenner Wind Power		C	24204	Fenner	053	36	2001-12-01	30.0	30.0	30.0	0.0	0.0		WT	LBW		64.4	
Broome Energy Resources, LLC	Broome LFGE		C	323600	Binghamton	007	36	2007-09-01	2.4	2.1	2.1	2.4	2.4		IC	MTE		14.8	
Canandaigua Power Partners, LLC	Canandaigua Wind Power		C	323617	Avoca	101	36	2008-12-05	125.0	125.0	125.0	125.0	125.0		WT	LBW		290.8	
Sheldon Energy LLC	High Sheldon Wind Farm		C	323625	Sheldon	121	36	2009-02-01	118.1	112.5	112.5	118.1	118.1		WT	LBW		201.5	
Valcour Wethersfield Windpark, LLC	Wethersfield Wind Power		C	323626	Wethersfield	121	36	2008-12-11	126.0	126.0	126.0	126.0	126.0		WT	LBW		218.5	
Broome Energy Resources, LLC	Broome 2 LFGE		C	323671	Binghamton	007	36	2013-01-31	2.1	2.0	2.0	2.1	2.1		IC	MTE		13.6	
Howard Wind LLC	Howard Wind		C	323690	Howard	101	36	2011-12-01	55.4	57.4	57.4	55.4	55.4		WT	LBW		109.1	
Stony Creek Energy LLC	Orangeville Wind Farm		C	323706	Orangeville	121	36	2013-12-01	93.9	94.4	94.4	93.9	93.9		WT	LBW		244.6	
Marsh Hill Energy LLC	Marsh Hill Wind Farm		C	323713	Jasper	101	36	2014-12-01	16.2	0.0	0.0	0.0	0.0		WT	LBW		45.1	
Niagara Mohawk Power Corp.	East Pulaski ESR		C	323781	Oswego	075	36	2019-05-01	2.0	0.0	0.0	0.0	0.0		ES	BAT		0.0	
Galt Power Inc.	Puckett Solar		C	323809	Greene	017	36	2022-09-27	20.0	20.0	20.0	20.0	20.0		PV	SUN		31.6	
Galt Power Inc.	Janis Solar		C	323808	Willet	023	36	2023-02-23	20.0	20.0	20.0	20.0	20.0		PV	SUN		32.2	
NextEra Energy Marketing, LLC	Eight Point Wind		C	323820	Greenwood	101	36	2023-02-08	111.2	101.2	101.2	111.2	111.2		WT	LBW		264.1	
Baron Winds, LLC	Baron Winds		C	323822	Cohocton	101	36	2023-02-07	238.4	300.0	300.0	121.8	121.8		WT	LBW		344.7	
Galt Power Inc.	Morris Ridge Solar		C	323848	Mt Morris	051	36	2024-09-19	179.0	179.0	179.0	179.0	179.0		PV	SUN			
New York Power Authority	St Lawrence - FDR (Fleet)		D	23600	Massena	089	36	1958-07-01	1,088.0	856.0	856.0	856.0	810.0		HY	WAT		7,355.0	
New York State Elec. & Gas Corp.	Cadyville 1		D	23628	Schuyler Falls	019	36	1921-08-01	1.2	1.0	1.0	1.2	1.2		HY	WAT		126.9	
New York State Elec. & Gas Corp.	Cadyville 2		D	23628	Schuyler Falls	019	36	1921-08-01	1.2	1.0	1.0	1.2	1.2		HY	WAT			
New York State Elec. & Gas Corp.	Cadyville 3		D	23628	Schuyler Falls	019	36	1986-09-01	3.1	2.7	2.7	3.1	3.1		HY	WAT			
New York State Elec. & Gas Corp.	High Falls 1		D	23628	Saranac	019	36	1948-08-01	4.0	4.3	4.3	4.0	4.0		HY	WAT			
New York State Elec. & Gas Corp.	High Falls 2		D	23628	Saranac	019	36	1949-08-01	4.0	4.3	4.3	4.0	4.0		HY	WAT			
New York State Elec. & Gas Corp.	High Falls 3		D	23628	Saranac	019	36	1956-08-01	7.0	8.2	8.2	7.0	7.0		HY	WAT			

Table III-2a: NYISO Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy	Notes
										Town	Cnty	St	YYYY-MM-DD			MW	SUM		
New York State Elec. & Gas Corp.	Kent Falls 1		D	23628	Schuyler Falls	019	36	1928-08-01	3.6	3.0	3.0	3.6	3.6		HY	WAT			
New York State Elec. & Gas Corp.	Kent Falls 2		D	23628	Schuyler Falls	019	36	1928-08-01	3.6	3.0	3.0	3.6	3.6		HY	WAT			
New York State Elec. & Gas Corp.	Kent Falls 3		D	23628	Schuyler Falls	019	36	1985-07-01	6.4	6.0	6.0	6.4	6.4		HY	WAT			
New York State Elec. & Gas Corp.	Mill C 1		D	23628	Plattsburgh	019	36	1944-08-01	1.0	0.9	0.9	1.0	1.0		HY	WAT			
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	1.2		HY	WAT			
New York State Elec. & Gas Corp.	Mill C 3		D	23628	Plattsburgh	019	36	1984-11-01	3.8	3.7	3.7	3.8	3.8		HY	WAT			
New York State Elec. & Gas Corp.	Rainbow Falls 1		D	23628	Ausable	019	36	1926-08-01	1.3	1.5	1.5	1.3	1.3		HY	WAT			
New York State Elec. & Gas Corp.	Rainbow Falls 2		D	23628	Ausable	019	36	1927-08-01	1.3	1.5	1.5	1.3	1.3		HY	WAT			
Seneca Power Partners, LP.	Massena		D	23902	Massena	089	36	1992-07-01	102.1	82.2	107.9	79.5	92.3	YES	CC	NG	FO2	12.2	(S)
Erie Blvd. Hydro - North Salmon	Allens Falls		D	24042	Allens Falls	089	36	1927-01-01	4.4	5.0	5.0	4.4	4.4		HY	WAT		29.5	
Erie Blvd. Hydro - North Salmon	Chasm 1		D	24042	Chateaugay	033	36	1913-01-01	1.0	1.1	1.1	1.0	1.0		HY	WAT		8.2	
Erie Blvd. Hydro - North Salmon	Chasm 2		D	24042	Chateaugay	033	36	1913-01-01	1.0	1.1	1.1	1.0	1.0		HY	WAT		9.1	
Erie Blvd. Hydro - North Salmon	Chasm 3		D	24042	Chateaugay	033	36	1926-01-01	1.4	1.6	1.6	1.4	1.4		HY	WAT		10.3	
Erie Blvd. Hydro - North Salmon	Franklin 1		D	24042	Franklin	033	36	1911-01-01	1.1	1.1	1.1	1.1	1.1		HY	WAT		5.8	
Erie Blvd. Hydro - North Salmon	Franklin 2		D	24042	Franklin	033	36	1926-01-01	1.1	1.1	1.1	1.1	1.1		HY	WAT		6.3	
Erie Blvd. Hydro - North Salmon	Macomb		D	24042	Malone	033	36	1940-01-01	1.0	1.1	1.1	1.0	1.0		HY	WAT		7.6	
Erie Blvd. Hydro - North Salmon	Parishville		D	24042	Parishville	089	36	1925-01-01	2.4	2.4	2.4	2.4	2.4		HY	WAT		15.7	
Erie Blvd. Hydro - North Salmon	Piercefield 1		D	24042	Piercefield	089	36	1957-01-01	1.5	1.6	1.6	1.5	1.5		HY	WAT		9.4	
Erie Blvd. Hydro - North Salmon	Piercefield 2		D	24042	Piercefield	089	36	1924-01-01	0.6	0.6	0.6	0.6	0.6		HY	WAT		0.7	
Erie Blvd. Hydro - North Salmon	Piercefield 3		D	24042	Piercefield	089	36	1924-01-01	0.6	0.6	0.6	0.6	0.6		HY	WAT		3.7	
Valcour Ellenburg Windapark,LLC	Ellenburg Wind Power		D	323604	Ellenburg	019	36	2008-03-31	81.0	81.0	81.0	81.0	81.0		WT	LBW		143.1	
Valcour Clinton Windpark,LLC	Clinton Wind Power		D	323605	Clinton	019	36	2008-04-09	100.5	100.5	100.5	100.5	100.5		WT	LBW		149.0	
Valcour Altona Windpark, LLC	Altona Wind Power		D	323606	Altona	019	36	2008-09-23	97.5	97.5	97.5	97.5	97.5		WT	LBW		158.0	
Valcour Chateaugay Windpark, LLC	Chateaugay Wind Power		D	323614	Chateaugay	033	36	2008-10-07	106.5	106.5	106.5	106.5	106.5		WT	LBW		170.6	
Innovative Energy Systems, Inc.	Clinton LFGE		D	323618	Morrisonville	019	36	2008-10-01	6.4	6.4	6.4	6.4	6.4		IC	MTE		47.8	
Marble River LLC	Marble River Wind		D	323696	Ellenburg	019	36	2012-07-01	215.2	215.2	215.2	215.2	215.2		WT	LBW		388.4	
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	77.7		WT	LBW		208.1	
New York Power Authority	North Country ESR		D	323785	Chateaugay	033	36	2023-02-01	20.0	0.0	0.0	0.0	0.0		ES	BAT		-1.2	
Saranac Power Partners ,LP	Saranac Energy CC1		D	323796	Plattsburgh	019	36	1994-06-01	142.8	126.9	149.2	122.1	136.1		CC	NG		175.2	(G)
Saranac Power Partners ,LP	Saranac Energy CC2		D	323797	Plattsburgh	019	36	1994-06-01	142.8	126.8	149.2	117.3	136.1		CC	NG			
Northbrook Lyons Falls, LLC	Lyons Falls Hydro (BTM:NG)		E	23570	Lyons Falls	049	36	1986-01-01	8.6	0.0	0.0	0.0	0.0		HY	WAT		28.9	(E)(9)
New York Power Authority	Jarvis 1		E	23743	Hinckley	065	36	1991-07-01	4.5	4.5	4.5	4.5	4.5		HY	WAT		13.3	
New York Power Authority	Jarvis 2		E	23743	Hinckley	065	36	1991-07-01	4.5	4.5	4.5	4.5	4.5		HY	WAT		9.3	
Seneca Power Partners, L.P.	Sterling		E	23777	Sherrill	065	36	1991-06-01	65.3	57.4	72.1	48.4	61.3		CC	NG		3.7	
Black River Hydroelectric, LLC	Glen Park Hydro		E	23778	Glen Park	045	36	1986-01-01	32.6	40.4	40.4	32.6	32.6		HY	WAT		141.6	
Seneca Power Partners, L.P.	Carthage Energy		E	23857	Carthage	045	36	1991-08-01	62.9	59.0	70.6	52.8	64.1	YES	CC	NG	FO2	3.3	
SBF New York, L.L.C.	Beaver Falls		E	23983	Beaver Falls	049	36	1995-03-01	107.8	80.2	94.9	79.7	90.4	YES	CC	NG	FO2	7.9	
Erie Blvd. Hydro - Oswegatchie	Browns Falls 1		E	24044	Oswegatchie	089	36	1923-01-01	7.5	8.0	8.0	7.5	7.5		HY	WAT		28.3	

Table III-2a: NYISO Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy GWh	Notes
					Town	Cnty	St			MW		MW				Type 1	Type 2		
								YYYY-MM-DD	MW	SUM	WIN	SUM	WIN						
Erie Blvd. Hydro - Oswegatchie	Browns Falls 2		E	24044	Oswegatchie	089	36	1923-01-01	7.5	8.0	8.0	7.5	7.5		HY	WAT		17.1	
Erie Blvd. Hydro - Oswegatchie	Eel Weir 1		E	24044	Heuvelton	089	36	1928-01-01	0.5	0.3	0.3	0.5	0.5		HY	WAT		1.9	
Erie Blvd. Hydro - Oswegatchie	Eel Weir 2		E	24044	Heuvelton	089	36	1938-01-01	1.1	0.8	0.8	1.1	1.1		HY	WAT		3.2	
Erie Blvd. Hydro - Oswegatchie	Eel Weir 3		E	24044	Heuvelton	089	36	1938-01-01	1.1	0.8	0.8	1.1	1.1		HY	WAT		4.7	
Erie Blvd. Hydro - Oswegatchie	Flat Rock 1		E	24044	Flat Rock	089	36	1924-01-01	3.0	2.6	2.6	3.0	3.0		HY	WAT		12.3	
Erie Blvd. Hydro - Oswegatchie	Flat Rock 2		E	24044	Flat Rock	089	36	1924-01-01	3.0	2.6	2.6	3.0	3.0		HY	WAT		6.7	
Erie Blvd. Hydro - Oswegatchie	Heuvelton 1		E	24044	Heuvelton	089	36	1924-01-01	0.5	0.4	0.4	0.5	0.5		HY	WAT		2.7	
Erie Blvd. Hydro - Oswegatchie	Heuvelton 2		E	24044	Heuvelton	089	36	1924-01-01	0.5	0.4	0.4	0.5	0.5		HY	WAT		2.3	
Erie Blvd. Hydro - Oswegatchie	Lower Newton Falls 1		E	24044	Newton Falls	089	36	2002-07-01	0.5	0.6	0.6	0.5	0.5		HY	WAT		2.1	
Erie Blvd. Hydro - Oswegatchie	Oswegatchie 1		E	24044	Oswegatchie	089	36	1937-01-01	0.6	1.3	1.3	0.6	0.6		HY	WAT		4.5	
Erie Blvd. Hydro - Oswegatchie	Oswegatchie 2		E	24044	Oswegatchie	089	36	1937-01-01	0.2	0.5	0.5	0.2	0.2		HY	WAT		2.7	
Erie Blvd. Hydro - Oswegatchie	South Edwards 1		E	24044	South Edwards	089	36	1937-01-01	1.0	1.2	1.2	1.0	1.0		HY	WAT		9.0	
Erie Blvd. Hydro - Oswegatchie	South Edwards 2		E	24044	South Edwards	089	36	1937-01-01	1.0	1.2	1.2	1.0	1.0		HY	WAT		4.7	
Erie Blvd. Hydro - Oswegatchie	South Edwards 3		E	24044	South Edwards	089	36	1921-01-01	0.7	0.8	0.8	0.7	0.7		HY	WAT		4.8	
Erie Blvd. Hydro - Oswegatchie	South Edwards 4		E	24044	South Edwards	089	36	1937-01-01	0.2	0.2	0.2	0.2	0.2		HY	WAT		1.1	
Erie Blvd. Hydro - Oswegatchie	Talcville 1		E	24044	Edwards	089	36	1986-12-01	0.5	0.4	0.4	0.5	0.5		HY	WAT		0.0	
Erie Blvd. Hydro - Oswegatchie	Talcville 2		E	24044	Edwards	089	36	1986-12-01	0.5	0.4	0.4	0.5	0.5		HY	WAT		0.6	
Erie Blvd. Hydro - Oswegatchie	Upper Newton Falls 2		E	24044	Newton Falls	089	36	2002-07-01	0.5	0.4	0.4	0.5	0.5		HY	WAT		3.0	
Erie Blvd. Hydro - Oswegatchie	Upper Newton Falls 3		E	24044	Newton Falls	089	36	2002-07-01	0.5	0.4	0.4	0.5	0.5		HY	WAT		2.0	
Erie Blvd. Hydro - Oswegatchie	Upper Newton Falls 4		E	24044	Newton Falls	089	36	2002-07-01	0.5	0.4	0.4	0.5	0.5		HY	WAT		1.4	
Erie Blvd. Hydro - Black River	Beebee Island 1		E	24047	Watertown	045	36	1963-01-01	4.0	4.4	4.4	4.0	4.0		HY	WAT		19.6	
Erie Blvd. Hydro - Black River	Beebee Island 2		E	24047	Watertown	045	36	1968-01-01	4.0	4.4	4.4	4.0	4.0		HY	WAT		31.5	
Erie Blvd. Hydro - Black River	Black River 1		E	24047	Black River	045	36	1920-01-01	2.0	2.3	2.3	2.0	2.0		HY	WAT		9.1	
Erie Blvd. Hydro - Black River	Black River 2		E	24047	Black River	045	36	1920-01-01	2.0	2.3	2.3	2.0	2.0		HY	WAT		12.0	
Erie Blvd. Hydro - Black River	Black River 3		E	24047	Black River	045	36	1920-01-01	2.0	2.3	2.3	2.0	2.0		HY	WAT		6.1	
Erie Blvd. Hydro - Black River	Deferiet 1		E	24047	Deferiet	045	36	1925-01-01	3.6	3.7	3.7	3.6	3.6		HY	WAT		18.5	
Erie Blvd. Hydro - Black River	Deferiet 2		E	24047	Deferiet	045	36	1925-01-01	3.6	3.7	3.7	3.6	3.6		HY	WAT		29.5	
Erie Blvd. Hydro - Black River	Deferiet 3		E	24047	Deferiet	045	36	1925-01-01	3.6	3.7	3.7	3.6	3.6		HY	WAT		15.2	
Erie Blvd. Hydro - Black River	Herrings 1		E	24047	Herrings	045	36	1924-01-01	1.8	1.8	1.8	1.8	1.8		HY	WAT		3.8	
Erie Blvd. Hydro - Black River	Herrings 2		E	24047	Herrings	045	36	1924-01-01	1.8	1.8	1.8	1.8	1.8		HY	WAT		11.2	
Erie Blvd. Hydro - Black River	Herrings 3		E	24047	Herrings	045	36	1924-01-01	1.8	1.8	1.8	1.8	1.8		HY	WAT		8.2	
Erie Blvd. Hydro - Black River	Kamargo 1		E	24047	Black River	045	36	1921-01-01	1.8	1.8	1.8	1.8	1.8		HY	WAT		9.5	
Erie Blvd. Hydro - Black River	Kamargo 2		E	24047	Black River	045	36	1921-01-01	1.8	1.8	1.8	1.8	1.8		HY	WAT		12.1	
Erie Blvd. Hydro - Black River	Kamargo 3		E	24047	Black River	045	36	1921-01-01	1.8	1.8	1.8	1.8	1.8		HY	WAT		6.0	
Erie Blvd. Hydro - Black River	Sewalls 1		E	24047	Watertown	045	36	1925-01-01	1.0	1.1	1.1	1.0	1.0		HY	WAT		6.5	
Erie Blvd. Hydro - Black River	Sewalls 2		E	24047	Watertown	045	36	1925-01-01	1.0	1.1	1.1	1.0	1.0		HY	WAT		8.7	
Erie Blvd. Hydro - Beaver River	Belfort 1		E	24048	Belfort	049	36	1903-01-01	0.4	0.4	0.4	0.4	0.4		HY	WAT		1.5	
Erie Blvd. Hydro - Beaver River	Belfort 2		E	24048	Belfort	049	36	1915-01-01	0.6	0.6	0.6	0.6	0.6		HY	WAT		2.2	

Table III-2a: NYISO Market Generators (cont'd)

Owner, Operator, and / or Billing Organization					Location			In-Service Date YYYY-MM-DD	Name Plate Rating ^(D) MW	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy GWh	Notes
										MW		MW				Type 1	Type 2		
					Town	Cnty	St			SUM	WIN	SUM	WIN						
	Station	Unit	Zone	PTID															
Erie Blvd. Hydro - Beaver River	Belfort 3		E	24048	Belfort	049	36	1918-01-01	1.0	1.0	1.0	1.0	1.0		HY	WAT		6.4	
Erie Blvd. Hydro - Beaver River	Eagle 1		E	24048	Watson	049	36	1914-01-01	1.3	1.2	1.2	1.3	1.3		HY	WAT		4.8	
Erie Blvd. Hydro - Beaver River	Eagle 2		E	24048	Watson	049	36	1915-01-01	1.4	1.3	1.3	1.4	1.4		HY	WAT		6.0	
Erie Blvd. Hydro - Beaver River	Eagle 3		E	24048	Watson	049	36	1919-01-01	1.4	1.3	1.3	1.4	1.4		HY	WAT		7.3	
Erie Blvd. Hydro - Beaver River	Eagle 4		E	24048	Watson	049	36	1925-01-01	2.1	2.0	2.0	2.1	2.1		HY	WAT		11.2	
Erie Blvd. Hydro - Beaver River	Effley 1		E	24048	Belfort	049	36	1902-01-01	0.4	0.3	0.3	0.4	0.4		HY	WAT		1.5	
Erie Blvd. Hydro - Beaver River	Effley 2		E	24048	Belfort	049	36	1907-01-01	0.4	0.3	0.3	0.4	0.4		HY	WAT		0.7	
Erie Blvd. Hydro - Beaver River	Effley 3		E	24048	Belfort	049	36	1910-01-01	0.6	0.5	0.5	0.6	0.6		HY	WAT		3.3	
Erie Blvd. Hydro - Beaver River	Effley 4		E	24048	Belfort	049	36	1923-01-01	1.6	1.5	1.5	1.6	1.6		HY	WAT		9.0	
Erie Blvd. Hydro - Beaver River	Elmer 1		E	24048	Belfort	049	36	1916-01-01	0.8	0.9	0.9	0.8	0.8		HY	WAT		4.9	
Erie Blvd. Hydro - Beaver River	Elmer 2		E	24048	Belfort	049	36	1916-01-01	0.8	0.9	0.9	0.8	0.8		HY	WAT		4.8	
Erie Blvd. Hydro - Beaver River	High Falls 1		E	24048	Indian River	049	36	1925-01-01	1.6	1.9	1.9	1.6	1.6		HY	WAT		6.5	
Erie Blvd. Hydro - Beaver River	High Falls 2		E	24048	Indian River	049	36	1925-01-01	1.6	1.9	1.9	1.6	1.6		HY	WAT		8.7	
Erie Blvd. Hydro - Beaver River	High Falls 3		E	24048	Indian River	049	36	1925-01-01	1.6	1.9	1.9	1.6	1.6		HY	WAT		12.4	
Erie Blvd. Hydro - Beaver River	Moshier 1		E	24048	Belfort	043	36	1929-01-01	4.0	4.0	4.0	4.0	4.0		HY	WAT		23.6	
Erie Blvd. Hydro - Beaver River	Moshier 2		E	24048	Belfort	043	36	1929-01-01	4.0	4.0	4.0	4.0	4.0		HY	WAT		14.4	
Erie Blvd. Hydro - Beaver River	Soft Maple 1		E	24048	Croghan	049	36	1925-01-01	7.5	8.0	8.0	7.5	7.5		HY	WAT		30.1	
Erie Blvd. Hydro - Beaver River	Soft Maple 2		E	24048	Croghan	049	36	1925-01-01	7.5	8.0	8.0	7.5	7.5		HY	WAT		8.2	
Erie Blvd. Hydro - Beaver River	Taylorville 1		E	24048	Belfort	049	36	1913-01-01	1.1	1.0	1.0	1.1	1.1		HY	WAT		7.4	
Erie Blvd. Hydro - Beaver River	Taylorville 2		E	24048	Belfort	049	36	1913-01-01	1.1	1.0	1.0	1.1	1.1		HY	WAT		6.2	
Erie Blvd. Hydro - Beaver River	Taylorville 3		E	24048	Belfort	049	36	1913-01-01	1.1	1.0	1.0	1.1	1.1		HY	WAT		4.8	
Erie Blvd. Hydro - Beaver River	Taylorville 4		E	24048	Belfort	049	36	1927-01-01	1.2	1.1	1.1	1.2	1.2		HY	WAT		3.9	
Erie Blvd. Hydro - West Canada	Prospect		E	24049	Prospect	043	36	1959-01-01	17.3	21.7	21.7	17.3	17.3		HY	WAT		69.2	
Erie Blvd. Hydro - West Canada	Trenton Falls 5		E	24049	Trenton	065	36	1919-01-01	6.8	9.6	9.6	6.8	6.8		HY	WAT		52.4	
Erie Blvd. Hydro - West Canada	Trenton Falls 6		E	24049	Trenton	065	36	1919-01-01	6.4	9.1	9.1	6.4	6.4		HY	WAT		52.9	
Erie Blvd. Hydro - West Canada	Trenton Falls 7		E	24049	Trenton	065	36	1922-01-01	6.4	9.1	9.1	6.4	6.4		HY	WAT		35.4	
Erie Blvd. Hydro - East Canada Mohawk	Inghams 1		E	24050	Little Falls	043	36	1912-01-01	3.2	3.5	3.5	3.2	3.2		HY	WAT		12.4	
Erie Blvd. Hydro - East Canada Mohawk	Inghams 2		E	24050	Little Falls	043	36	1912-01-01	3.2	3.5	3.5	3.2	3.2		HY	WAT		17.3	
Erie Blvd. Hydro - Upper Raquette	Blake		E	24056	Stark	089	36	1957-01-01	14.4	15.6	15.6	14.4	14.4		HY	WAT		65.1	
Erie Blvd. Hydro - Upper Raquette	Five Falls		E	24056	Colton	089	36	1955-01-01	22.5	24.4	24.4	22.5	22.5		HY	WAT		107.4	
Erie Blvd. Hydro - Upper Raquette	Rainbow Falls		E	24056	Colton	089	36	1956-01-01	22.5	24.4	24.4	22.5	22.5		HY	WAT		108.0	
Erie Blvd. Hydro - Upper Raquette	South Colton		E	24056	South Colton	089	36	1954-01-01	19.4	20.9	20.9	19.4	19.4		HY	WAT		89.8	
Erie Blvd. Hydro - Upper Raquette	Stark		E	24056	Stark	089	36	1957-01-01	22.5	24.6	24.6	22.5	22.5		HY	WAT		103.2	
Erie Blvd. Hydro - Lower Raquette	Colton 1		E	24057	Colton	089	36	1962-01-01	10.0	10.0	10.0	10.0	10.0		HY	WAT		75.4	
Erie Blvd. Hydro - Lower Raquette	Colton 2		E	24057	Colton	089	36	1918-01-01	10.0	10.0	10.0	10.0	10.0		HY	WAT		73.9	
Erie Blvd. Hydro - Lower Raquette	Colton 3		E	24057	Colton	089	36	1928-01-01	10.0	10.0	10.0	10.0	10.0		HY	WAT		46.5	
Erie Blvd. Hydro - Lower Raquette	East Norfolk		E	24057	East Norfolk	089	36	1928-01-01	3.6	4.0	4.0	3.6	3.6		HY	WAT		25.6	
Erie Blvd. Hydro - Lower Raquette	Hannawa Falls 1		E	24057	Hannawa Falls	089	36	1914-01-01	3.6	3.7	3.7	3.6	3.6		HY	WAT		26.8	

Table III-2a: NYISO Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy	Notes
										Town	Cnty	St	MW			MW			
					YYYY-MM-DD	MW	SUM	WIN	SUM				WIN						
Erie Blvd. Hydro - Lower Raquette	Hannawa Falls 2		E	24057	Hannawa Falls	089	36	1920-01-01	3.6	3.7	3.7	3.6	3.6		HY	WAT		25.9	
Erie Blvd. Hydro - Lower Raquette	Higley 1		E	24057	Colton	089	36	1913-01-01	1.2	1.1	1.1	1.2	1.2		HY	WAT		7.5	
Erie Blvd. Hydro - Lower Raquette	Higley 2		E	24057	Colton	089	36	1913-01-01	1.2	1.1	1.1	1.2	1.2		HY	WAT		9.8	
Erie Blvd. Hydro - Lower Raquette	Higley 3		E	24057	Colton	089	36	1943-01-01	2.1	2.0	2.0	2.1	2.1		HY	WAT		10.4	
Erie Blvd. Hydro - Lower Raquette	Higley 4		E	24057	Colton	089	36	1943-01-01	2.1	2.0	2.0	2.1	2.1		HY	WAT		9.6	
Erie Blvd. Hydro - Lower Raquette	Norfolk		E	24057	Norfolk	089	36	1928-01-01	4.5	4.8	4.8	4.5	4.5		HY	WAT		28.2	
Erie Blvd. Hydro - Lower Raquette	Norwood		E	24057	Norwood	089	36	1928-01-01	2.0	2.2	2.2	2.0	2.0		HY	WAT		13.1	
Erie Blvd. Hydro - Lower Raquette	Raymondville		E	24057	Raymondville	089	36	1928-01-01	2.0	2.1	2.1	2.0	2.0		HY	WAT		13.5	
Erie Blvd. Hydro - Lower Raquette	Sugar Island 1		E	24057	Potsdam	089	36	1924-01-01	2.5	2.1	2.1	2.5	2.5		HY	WAT		13.2	
Erie Blvd. Hydro - Lower Raquette	Sugar Island 2		E	24057	Potsdam	089	36	1924-01-01	2.5	2.0	2.0	2.5	2.5		HY	WAT		15.0	
Erie Blvd. Hydro - Lower Raquette	Yaleville 1		E	24057	Norwood	089	36	1940-01-01	0.5	0.2	0.2	0.5	0.5		HY	WAT		2.5	
Erie Blvd. Hydro - Lower Raquette	Yaleville 2		E	24057	Norwood	089	36	1940-01-01	0.2	0.3	0.3	0.2	0.2		HY	WAT		1.2	
Madison Windpower, LLC	Madison Wind Power		E	24146	Madison	053	36	2000-09-01	11.6	11.5	11.5	11.6	11.6		WT	LBW		7.3	
Fiat Rock Windpower, LLC	Maple Ridge Wind 1		E	323574	Lowville	049	36	2006-01-01	231.0	231.0	231.0	231.0	231.0		WT	LBW		465.3	
Fiat Rock Windpower II, LLC	Maple Ridge Wind 2		E	323611	Lowville	049	36	2007-12-01	90.8	90.7	90.7	90.8	90.8		WT	LBW		174.4	
Northbrook Lyons Falls, LLC	Hampshire Paper		E	323593	Gouverneur	089	36	1987-03-01	3.4	3.5	3.5	3.4	3.4		HY	WAT		13.1	
Munnsville Wind Farm, LLC	Munnsville Wind Power		E	323609	Bouckville	053	36	2007-08-20	34.5	34.5	34.5	34.5	34.5		WT	LBW		82.0	
Innovative Energy Systems, Inc.	DANC LFGE		E	323619	Watertown	045	36	2008-09-08	6.4	6.4	6.4	6.4	6.4		IC	MTE		13.8	
WM Renewable Energy,LLC	Madison County LF		E	323628	Wampsville	053	36	2010-03-01	1.6	0.0	0.0	0.0	0.0		IC	MTE		0.0	
Hardscrabble Wind Power LLC	Hardscrabble Wind		E	323673	Fairfield	043	36	2011-02-01	74.0	74.0	74.0	74.0	74.0		WT	LBW		164.4	
WM Renewable Energy,LLC	Oneida-Herkimer LFGE		E	323681	Boonville	065	36	2012-04-01	3.2	3.2	3.2	3.2	3.2		IC	MTE		25.2	
Galt Power Inc.	Copenhagen Wind Farm		E	323753	Copenhagen	049	36	2018-12-01	79.9	79.9	79.9	0.0	0.0		WT	LBW		238.3	
Avangrid Renewables LLC	Roaring Brook Wind		E	323790	Martinsburg	049	36	2021-08-30	79.7	79.7	79.7	79.7	79.7		WT	LBW		164.1	
Number Three Wind LLC	Number Three Wind Power		E	323818	Lowville	049	36	2023-07-01	103.9	105.8	105.8	103.9	103.9		WT	LBW		273.7	
Bluestone Wind, LLC	BlueStone Wind		E	323821	Sanford	007	36	2024-02-01	111.8	124.2	124.2	111.8	111.8		WT	LBW		293.9	
Boralex Hydro Operations Inc	NYS Dam		F	23527	Waterford	091	36	1990-12-01	11.4	11.3	11.3	11.4	11.4		HY	WAT		42.9	
New York State Elec. & Gas Corp.	Mechanicville 1		F	23645	Stillwater	091	36	1983-09-01	9.2	10.0	10.0	9.8	9.2		HY	WAT		78.7	(G)
New York State Elec. & Gas Corp.	Mechanicville 2		F	23645	Stillwater	091	36	1983-09-01	9.3	10.0	10.0	10.0	9.3		HY	WAT			
New Athens Generating Company LLC	Athens 1		F	23668	Athens	039	36	2004-05-01	441.0	332.0	399.9	329.4	396.9	YES	CC	NG	FO2	973.3	(S)
New Athens Generating Company LLC	Athens 2		F	23670	Athens	039	36	2004-05-01	441.0	329.4	398.6	333.3	393.3	YES	CC	NG	FO2	1,513.6	(S)
New Athens Generating Company LLC	Athens 3		F	23677	Athens	039	36	2004-05-01	441.0	330.6	395.1	285.0	409.1	YES	CC	NG	FO2	1,483.2	(S)
New York Power Authority	Gilboa 1		F	23756	Gilboa NY	095	36	1973-07-01	290.0	290.7	290.7	292.0	292.0		PS	WAT		-131.2	
New York Power Authority	Gilboa 2		F	23757	Gilboa NY	095	36	1973-07-01	290.0	291.2	291.2	293.2	293.0		PS	WAT		-2.5	
New York Power Authority	Gilboa 3		F	23758	Gilboa NY	095	36	1973-07-01	290.0	291.7	291.7	292.4	293.0		PS	WAT		15.1	
New York Power Authority	Gilboa 4		F	23759	Gilboa NY	095	36	1973-07-01	290.0	291.5	291.5	292.9	292.5		PS	WAT		-33.5	
Rensselaer Generating LLC	Rensselaer		F	23796	Rensselaer	083	36	1993-12-01	96.9	79.0	79.0	76.8	81.2	YES	CC	NG	FO2	18.8	
Wheelabrator Hudson Falls, LLC	Wheelabrator Hudson Falls		F	23798	Hudson Falls	115	36	1991-10-01	14.4	12.7	12.7	10.4	10.2		ST	REF		67.4	
Selkirk Cogen Partners , L.P.	Selkirk-I		F	23801	Selkirk	001	36	1992-03-01	107.2	82.1	107.2	76.4	101.9	YES	CC	NG	FO2	10.8	(S)

Table III-2a: NYISO Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy GWh	Notes
					Town	Cnty	St			MW		MW				Type 1	Type 2		
								YYYY-MM-DD	MW	SUM	WIN	SUM	WIN						
Selkirk Cogen Partners , L.P.	Selkirk-II		F	23799	Selkirk	001	36	1994-09-01	338.8	291.3	380.5	276.6	333.8	YES	CC	NG	F02	87.0	(S)
Indeck-Corinth LP	Indeck-Corinth		F	23802	Corinth	091	36	1995-07-01	147.0	131.2	134.0	128.5	135.5	YES	CC	NG	F02	422.4	
Castleton Power, LLC	Castleton Energy Center		F	23900	Castleton	083	36	1992-01-01	72.0	69.0	86.6	67.0	77.3	YES	CC	NG	F02	84.6	
New York Power Authority	Crescent 1		F	24018	Crescent	001	36	1991-07-01	2.8	3.2	3.2	2.8	2.8		HY	WAT		11.7	
New York Power Authority	Crescent 2		F	24018	Crescent	001	36	1991-07-01	2.8	3.2	3.2	2.8	2.8		HY	WAT		14.3	
New York Power Authority	Crescent 3		F	24018	Crescent	001	36	1991-07-01	3.0	3.2	3.2	3.0	3.0		HY	WAT		14.3	
New York Power Authority	Crescent 4		F	24018	Crescent	001	36	1991-07-01	3.0	3.2	3.2	3.0	3.0		HY	WAT		15.5	
New York Power Authority	Vischer Ferry 1		F	24020	Vischer Ferry	091	36	1991-07-01	2.8	3.2	3.2	2.8	2.9		HY	WAT		12.1	
New York Power Authority	Vischer Ferry 2		F	24020	Vischer Ferry	091	36	1991-07-01	2.8	3.2	3.2	2.8	2.9		HY	WAT		13.9	
New York Power Authority	Vischer Ferry 3		F	24020	Vischer Ferry	091	36	1991-07-01	3.0	3.2	3.2	3.0	2.9		HY	WAT		14.8	
New York Power Authority	Vischer Ferry 4		F	24020	Vischer Ferry	091	36	1991-07-01	3.0	3.2	3.2	3.0	2.9		HY	WAT		14.8	
Erie Blvd. Hydro - East Canada Capital	Beardslee 1		F	24051	Little Falls	043	36	1924-01-01	10.0	9.5	9.5	10.0	10.0		HY	WAT		21.7	
Erie Blvd. Hydro - East Canada Capital	Beardslee 2		F	24051	Little Falls	043	36	1924-01-01	10.0	9.5	9.5	10.0	10.0		HY	WAT		29.4	
Erie Blvd. Hydro - East Canada Capital	Ephratah 1		F	24051	Caroga Lake	035	36	1920-01-01	1.4	0.7	0.7	1.4	1.4		HY	WAT		4.9	
Erie Blvd. Hydro - East Canada Capital	Ephratah 2		F	24051	Caroga Lake	035	36	1911-01-01	1.2	0.6	0.6	1.2	1.2		HY	WAT		0.0	
Erie Blvd. Hydro - East Canada Capital	Ephratah 3		F	24051	Caroga Lake	035	36	1911-01-01	1.3	0.0	0.0	1.3	1.3		HY	WAT		0.0	
Erie Blvd. Hydro - East Canada Capital	Ephratah 4		F	24051	Caroga Lake	035	36	1911-01-01	1.3	0.7	0.7	1.3	1.3		HY	WAT		0.0	
Erie Blvd. Hydro - Upper Hudson	E J West 1		F	24058	Hadley	091	36	1930-01-01	10.0	11.9	11.9	11.9	11.9		HY	WAT		31.2	
Erie Blvd. Hydro - Upper Hudson	E J West 2		F	24058	Hadley	091	36	1930-01-01	10.0	11.9	11.9	11.9	11.9		HY	WAT		44.2	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 1		F	24058	S Glens Falls	091	36	1924-01-01	1.2	0.9	0.9	1.2	1.2		HY	WAT		4.5	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 2		F	24058	S Glens Falls	091	36	1924-01-01	1.2	0.9	0.9	1.2	1.2		HY	WAT		4.6	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 3		F	24058	S Glens Falls	091	36	1924-01-01	1.2	0.9	0.9	1.2	1.2		HY	WAT		3.8	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 4		F	24058	S Glens Falls	091	36	1924-01-01	1.2	0.9	0.9	1.2	1.2		HY	WAT		5.8	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 5		F	24058	S Glens Falls	091	36	1924-01-01	1.2	0.9	0.9	1.2	1.2		HY	WAT		6.1	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 2		F	24058	Queensbury	113	36	1923-01-01	7.2	8.1	8.1	8.1	8.1		HY	WAT		33.9	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 3		F	24058	Queensbury	113	36	1923-01-01	8.7	9.7	9.7	9.7	9.7		HY	WAT		43.2	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 4		F	24058	Queensbury	113	36	1923-01-01	7.2	8.1	8.1	8.1	8.1		HY	WAT		42.8	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 5		F	24058	Queensbury	113	36	1923-01-01	7.2	8.1	8.1	8.1	8.1		HY	WAT		21.9	
Erie Blvd. Hydro - Upper Hudson	Spier Falls 1		F	24058	Moreau	091	36	1924-01-01	6.8	8.4	8.4	8.1	8.1		HY	WAT		42.7	
Erie Blvd. Hydro - Upper Hudson	Spier Falls 2		F	24058	Moreau	091	36	1930-01-01	37.6	46.9	46.9	38.1	38.1		HY	WAT		143.1	
Erie Blvd. Hydro - Upper Hudson	Stewarts Bridge 1		F	24058	Hadley	091	36	1952-01-01	30.0	35.8	35.8	32.5	32.5		HY	WAT		113.8	
Erie Blvd. Hydro - Lower Hudson	Johnsonville 1		F	24059	Johnsonville	083	36	1909-01-01	1.2	1.3	1.3	1.2	1.2		HY	WAT		3.4	
Erie Blvd. Hydro - Lower Hudson	Johnsonville 2		F	24059	Johnsonville	083	36	1909-01-01	1.2	1.3	1.3	1.2	1.2		HY	WAT		4.6	
Erie Blvd. Hydro - Lower Hudson	Schaghticoke 1		F	24059	Schaghticoke	083	36	1908-01-01	3.3	4.1	4.1	3.3	3.3		HY	WAT		19.2	
Erie Blvd. Hydro - Lower Hudson	Schaghticoke 2		F	24059	Schaghticoke	083	36	1908-01-01	3.3	4.1	4.1	3.3	3.3		HY	WAT		16.3	
Erie Blvd. Hydro - Lower Hudson	Schaghticoke 3		F	24059	Schaghticoke	083	36	1908-01-01	3.3	4.1	4.1	3.3	3.3		HY	WAT		16.1	
Erie Blvd. Hydro - Lower Hudson	Schaghticoke 4		F	24059	Schaghticoke	083	36	1908-01-01	3.3	4.1	4.1	3.3	3.3		HY	WAT		7.4	
Erie Blvd. Hydro - Lower Hudson	School Street 1		F	24059	Cohoes	001	36	1974-01-01	7.2	6.9	6.9	7.2	7.2		HY	WAT		34.5	

Table III-2a: NYISO Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy GWh	Notes
					Town	Cnty	St			MW		MW				Type 1	Type 2		
								YYYY-MM-DD	MW	SUM	WIN	SUM	WIN						
Erie Blvd. Hydro - Lower Hudson	School Street 2		F	24059	Cohoes	001	36	1915-01-01	7.2	6.9	6.9	7.2	7.2		HY	WAT		5.3	
Erie Blvd. Hydro - Lower Hudson	School Street 3		F	24059	Cohoes	001	36	1915-01-01	7.2	6.9	6.9	7.2	7.2		HY	WAT		39.7	
Erie Blvd. Hydro - Lower Hudson	School Street 4		F	24059	Cohoes	001	36	1922-01-01	7.2	6.9	6.9	7.2	7.2		HY	WAT		31.2	
Erie Blvd. Hydro - Lower Hudson	School Street 5		F	24059	Cohoes	001	36	1924-01-01	10.0	9.6	9.6	10.0	10.0		HY	WAT		48.1	
GB II New York LLC	Bethlehem GS1		F	323560	Bethlehem	001	36	2005-07-01	297.7	278.3	308.2	272.4	308.7	YES	CC	NG	FO2	5,558.1	(G)(S)
GB II New York LLC	Bethlehem GS2		F	323561	Bethlehem	001	36	2005-07-01	297.7	278.3	308.3	272.4	308.7	YES	CC	NG	FO2		(S)
GB II New York LLC	Bethlehem GS3		F	323562	Bethlehem	001	36	2005-07-01	297.7	278.4	308.3	272.4	308.7	YES	CC	NG	FO2		(S)
Innovative Energy Systems, Inc.	Colonie LFGTE		F	323577	Colonie	001	36	2006-03-01	6.4	6.4	6.4	6.4	6.4		IC	MTE		37.3	
Albany Energy LLC	Albany LFGE		F	323615	Albany	001	36	1998-05-01	5.6	4.5	4.5	5.6	5.6		IC	MTE		9.9	
Innovative Energy Systems, Inc.	Fulton LFGE		F	323630	Johnstown	035	36	2010-06-04	3.2	3.2	3.2	3.2	3.2		IC	MTE		17.4	
Stephentown Spindle, LLC	Beacon LESR		F	323632	Stephentown	083	36	2010-11-29	20.0	0.0	0.0	0.0	0.0		ES	FW		-5.3	
Empire Generating Co, LLC	Empire CC1		F	323656	Rensselaer	083	36	2010-09-02	335.0	294.2	360.2	295.8	330.7	YES	CC	NG	FO2	1,462.8	
Empire Generating Co, LLC	Empire CC2		F	323658	Rensselaer	083	36	2010-09-02	335.0	298.2	365.1	295.8	330.7	YES	CC	NG	FO2	1,438.6	
Galt Power Inc.	LaChute		F	323717	Ticonderoga	031	36	1987-12-01	8.9	8.9	8.9	8.9	8.9		HY	WAT		25.2	
Galt Power Inc.	KCE NY 1		F	323755	Stillwater	091	36	2019-03-13	20.0	0.0	0.0	0.0	0.0		ES	BAT		-3.9	
Relevate ReDev Borrower II LLC	Dahowa Hydroelectric		F	323763	Middle Falls	115	36	1987-12-01	12.3	10.5	10.5	12.3	12.3		HY	WAT		28.0	
Galt Power Inc.	Branscomb Solar		F	323811	Easton	115	36	2021-12-18	20.0	20.0	20.0	20.0	20.0		PV	SUN		31.7	
Galt Power Inc.	Darby Solar		F	323810	Easton	115	36	2023-07-01	20.0	20.0	20.0	20.0	20.0		PV	SUN		32.0	
Galt Power Inc.	Regan Solar		F	323812	Greene	057	36	2022-12-28	20.0	20.0	20.0	20.0	20.0		PV	SUN		31.5	
Galt Power Inc.	Grissom Solar		F	323813	Mohawk	057	36	2023-02-23	20.0	20.0	20.0	20.0	20.0		PV	SUN		24.3	
Galt Power Inc.	Stillwater Solar		F	323814	Stillwater	091	36	2024-02-01	20.0	20.0	20.0	20.0	20.0		PV	SUN		34.4	
Galt Power Inc.	Pattersonville Solar		F	323815	Schenectady	093	36	2024-02-24	20.0	20.0	20.0	20.0	20.0		PV	SUN		33.7	
Hecate Energy Albany 1 LLC	Albany County Solar 1		F	323833	Colonie	001	36	2024-02-15	20.0	20.0	20.0	20.0	20.0		PV	SUN		29.7	
Hecate Energy Albany 2 LLC	Albany County Solar 2		F	323834	Colonie	001	36	2024-02-15	20.0	20.0	20.0	20.0	20.0		PV	SUN		28.3	
NextEra Energy Marketing, LLC	East Point Solar		F	323840	Sharon Springs	095	36	2024-04-25	50.0	50.0	50.0	50.0	50.0		PV	SUN		50.7	(N)(2)
NextEra Energy Marketing, LLC	High River Solar		F	323847	Florida	057	36	2024-07-03	90.0	90.0	90.0	90.0	90.0		PV	SUN		49.9	(N)(3)
Bowline,LLC	Bowline 1		G	23526	West Haverstraw	087	36	1972-09-01	621.0	594.0	594.0	565.1	569.5	YES	ST	NG	FO6	667.6	
Bowline,LLC	Bowline 2		G	23595	West Haverstraw	087	36	1974-05-01	621.0	575.0	575.0	571.2	580.9	YES	ST	NG	FO6	618.4	
Danskammer Energy ,LLC	Danskammer 1		G	23586	Newburgh	071	36	1951-12-01	72.0	69.0	69.0	68.8	68.9	YES	ST	NG	FO6	2.0	(S)
Danskammer Energy ,LLC	Danskammer 2		G	23589	Newburgh	071	36	1954-09-01	73.5	64.7	64.7	64.9	66.1	YES	ST	NG	FO6	2.1	(S)
Danskammer Energy ,LLC	Danskammer 3		G	23590	Newburgh	071	36	1959-10-01	147.1	139.2	139.2	140.2	139.6		ST	NG		4.2	
Danskammer Energy ,LLC	Danskammer 4		G	23591	Newburgh	071	36	1967-09-01	239.4	238.2	238.2	224.3	230.4		ST	NG		10.5	
Roseton Generating, LLC	Roseton 1		G	23587	Newburgh	071	36	1974-12-01	621.0	614.8	614.8	616.8	613.3	YES	ST	NG	FO6	119.9	
Roseton Generating, LLC	Roseton 2		G	23588	Newburgh	071	36	1974-09-01	621.0	607.7	607.7	607.3	605.3	YES	ST	NG	FO6	116.7	
New York Power Authority	Grahamsville		G	23607	Grahamsville	105	36	1956-12-01	18.0	16.3	16.3	18.0	18.0		HY	WAT		82.2	
New York Power Authority	Neversink		G	23608	Grahamsville	105	36	1953-12-01	25.0	22.0	22.0	25.0	25.0		HY	WAT		29.6	
Central Hudson Gas & Electric Corp.	Coxsackie GT		G	23611	Coxsackie	039	36	1969-12-01	21.6	21.6	26.0	19.7	25.2	YES	GT	NG	KER	0.4	
Central Hudson Gas & Electric Corp.	South Cairo		G	23612	Cairo	039	36	1970-06-01	21.6	19.8	25.9	0.0	0.0		GT	KER		0.5	(R)(5)

Table III-2a: NYISO Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy GWh	Notes
					Town	Cnty	St			MW		MW				Type 1	Type 2		
								YYYY-MM-DD	MW	SUM	WIN	SUM	WIN						
Seneca Power Partners, L.P.	Hillburn GT		G	23639	Hillburn	087	36	1971-04-01	46.5	37.9	51.8	34.7	42.8	YES	JE	NG	KER	0.5	(G)
Seneca Power Partners, L.P.	Shoemaker GT		G	23640	Middletown	071	36	1971-05-01	41.9	35.1	47.2	32.3	40.1	YES	JE	NG	KER	0.3	
Eagle Creek Hydro Power, LLC	Mongaup 1		G	23641	Forestburg	105	36	1923-07-01	1.0	0.9	0.9	0.9	0.9		HY	WAT		50.5	
Eagle Creek Hydro Power, LLC	Mongaup 2		G	23641	Forestburg	105	36	1923-07-01	1.0	1.0	1.0	0.9	0.9		HY	WAT			
Eagle Creek Hydro Power, LLC	Mongaup 3		G	23641	Forestburg	105	36	1923-07-01	1.0	1.0	1.0	0.9	0.9		HY	WAT			
Eagle Creek Hydro Power, LLC	Mongaup 4		G	23641	Forestburg	105	36	1926-01-01	1.0	1.0	1.0	0.9	0.8		HY	WAT			
Eagle Creek Hydro Power, LLC	Rio		G	23641	Glen Spey	105	36	1927-12-01	10.8	10.8	10.8	9.7	9.3		HY	WAT			
Eagle Creek Hydro Power, LLC	Swinging Bridge 2		G	23641	Forestburg	105	36	1930-02-01	9.0	7.9	7.9	8.0	7.7		HY	WAT			
New York Power Authority	Ashokan 1		G	23654	Ashokan	111	36	1982-11-01	2.3	1.8	1.8	4.6	4.6		HY	WAT		6.0	
New York Power Authority	Ashokan 2		G	23654	Ashokan	111	36	1982-11-01	2.3	1.8	1.8	4.6	4.6		HY	WAT		5.1	
Central Hudson Gas & Electric Corp.	DCRRA		G	23765	Poughkeepsie	027	36	1987-09-01	9.2	10.8	10.8	6.3	7.2		ST	REF		0.0	
Erie Blvd. Hydropower LP	West Delaware Hydro		G	323627	Grahamsville	105	36	1988-12-01	7.5	7.5	7.5	7.5	7.5		HY	WAT		18.8	
CPV Valley, LLC	CPV Valley CC1		G	323721	Wawayanda	071	36	2018-03-01	385.0	340.0	380.5	320.4	369.7	YES	CC	NG	FO2	2,547.6	
CPV Valley, LLC	CPV Valley CC2		G	323722	Wawayanda	071	36	2018-03-01	385.0	340.0	380.5	329.4	368.9	YES	CC	NG	FO2	2,454.3	
Cricket Valley Energy Center, LLC	Cricket Valley CC1		G	323756	Dover	027	36	2019-10-29	392.3	364.2	402.4	349.7	378.9		CC	NG		1,723.7	
Cricket Valley Energy Center, LLC	Cricket Valley CC2		G	323757	Dover	028	36	2020-01-03	392.3	361.2	399.1	345.5	379.5		CC	NG		1,591.1	
Cricket Valley Energy Center, LLC	Cricket Valley CC3		G	323758	Dover	029	36	2020-01-17	392.3	364.2	402.4	326.4	380.8		CC	NG		843.3	
Orange and Rockland	Pomona ESR		G	323819	Pomona	087	36	2023-07-07	3.0	3.0	3.0	0.0	0.0		ES	BAT		-0.2	
Wheelabrator Westchester, LP	Wheelabrator Westchester		H	23653	Peekskill	119	36	1984-04-01	59.7	53.5	53.5	53.5	53.3		ST	REF		397.7	
Direct Energy Marketing Inc	Arthur Kill GT 1		J	23520	Staten Island	085	36	1970-06-01	20.0	16.5	21.6	12.4	16.1		GT	NG		0.4	
Direct Energy Marketing Inc	Arthur Kill ST 2		J	23512	Staten Island	085	36	1959-08-01	376.2	357.7	357.7	363.2	361.0		ST	NG		823.5	
Direct Energy Marketing Inc	Arthur Kill ST 3		J	23513	Staten Island	085	36	1969-06-01	535.5	518.0	518.0	520.4	525.3		ST	NG		448.0	
Consolidated Edison Co. of NY, Inc.	Brooklyn Navy Yard		J	23515	Brooklyn	047	36	1996-11-01	322.0	266.9	348.6	249.2	295.3	YES	CC	NG	FO2	2,149.2	
Astoria Generating Company L.P.	Astoria GT 01		J	23523	Queens	081	36	1967-07-01	16.0	15.7	20.5	13.8	18.0		GT	NG		0.4	
Astoria Generating Company L.P.	Astoria 2		J	24149	Queens	081	36	1954-03-01	180.0	177.0	177.0	158.0	158.0		ST	NG		5.6	
Astoria Generating Company L.P.	Astoria 3		J	23516	Queens	081	36	1958-09-01	376.0	369.9	369.9	371.1	370.4	YES	ST	NG	FO2	462.3	
Astoria Generating Company L.P.	Astoria 5		J	23518	Queens	081	36	1962-05-01	387.0	376.3	376.3	373.2	371.7	YES	ST	NG	FO2	399.8	
Ravenswood Operations, LLC	Ravenswood ST 01		J	23533	Queens	081	36	1963-02-01	400.0	365.1	365.1	364.5	364.5	YES	ST	NG	FO2	127.6	
Ravenswood Operations, LLC	Ravenswood ST 02		J	23534	Queens	081	36	1963-05-01	400.0	391.6	391.6	375.2	377.5	YES	ST	NG	FO2	207.5	
Ravenswood Operations, LLC	Ravenswood ST 03		J	23535	Queens	081	36	1965-06-01	1,027.0	986.8	986.8	985.1	972.8	YES	ST	NG	FO2	293.8	
Ravenswood Operations, LLC	Ravenswood CC 04		J	23820	Queens	081	36	2004-05-01	250.0	231.2	276.7	222.2	275.1	YES	CC	NG	FO2	1,903.5	
Consolidated Edison Co. of NY, Inc.	East River 1		J	323558	Manhattan	061	36	2005-04-01	185.0	160.5	199.0	153.2	192.8	YES	CC	NG	FO2	1,066.5	
Consolidated Edison Co. of NY, Inc.	East River 2		J	323559	Manhattan	061	36	2005-04-05	185.0	162.4	201.4	154.5	197.3	YES	CC	NG	FO2	1,082.7	
Consolidated Edison Co. of NY, Inc.	East River 6		J	23660	Manhattan	061	36	1951-11-01	156.2	144.3	144.3	141.5	139.9	YES	ST	NG	FO2	501.8	
Consolidated Edison Co. of NY, Inc.	East River 7		J	23524	Manhattan	061	36	1955-06-01	200.0	186.7	186.7	181.5	185.0	YES	ST	NG	FO2	243.1	
East Coast Power, LLC	Linden Cogen		J	23786	Linden NJ	039	34	1992-05-01	800.0	790.8	924.9	748.2	793.5	YES	CC	NG	BUT	4,288.7	
Calpine Energy Services LP	KIAC_JFK (BTM:NG)		J	323774	Jamaica	081	36	1995-02-01	121.2	117.0	117.0	105.4	107.5	YES	CC	NG	FO2	397.8	
Astoria Generating Company L.P.	Gowanus 2-1		J	24114	Brooklyn	047	36	1971-06-01	20.0	17.9	23.4	16.7	22.0	YES	GT	NG	FO2	0.8	

Table III-2a: NYISO Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy GWh	Notes
										Town	Cnty	St	YYYY-MM-DD			MW	SUM		
Astoria Generating Company L.P.	Gowanus 2-2		J	24115	Brooklyn	047	36	1971-06-01	20.0	18.8	24.6	17.0	22.3	YES	GT	NG	FO2	0.5	
Astoria Generating Company L.P.	Gowanus 2-3		J	24116	Brooklyn	047	36	1971-06-01	20.0	20.6	26.9	19.1	24.3	YES	GT	NG	FO2	1.3	
Astoria Generating Company L.P.	Gowanus 2-4		J	24117	Brooklyn	047	36	1971-06-01	20.0	19.3	25.2	16.9	20.0	YES	GT	NG	FO2	0.6	
Astoria Generating Company L.P.	Gowanus 2-5		J	24118	Brooklyn	047	36	1971-06-01	20.0	18.6	24.3	17.5	22.9	YES	GT	NG	FO2	0.8	
Astoria Generating Company L.P.	Gowanus 2-6		J	24119	Brooklyn	047	36	1971-06-01	20.0	20.3	26.5	19.0	23.7	YES	GT	NG	FO2	0.6	
Astoria Generating Company L.P.	Gowanus 2-7		J	24120	Brooklyn	047	36	1971-06-01	20.0	19.6	25.6	18.4	24.2	YES	GT	NG	FO2	1.0	
Astoria Generating Company L.P.	Gowanus 2-8		J	24121	Brooklyn	047	36	1971-06-01	20.0	17.7	23.1	17.6	23.1	YES	GT	NG	FO2	0.8	
Astoria Generating Company L.P.	Gowanus 3-1		J	24122	Brooklyn	047	36	1971-07-01	20.0	17.7	23.1	16.7	22.0	YES	GT	NG	FO2	0.3	
Astoria Generating Company L.P.	Gowanus 3-2		J	24123	Brooklyn	047	36	1971-07-01	20.0	17.7	23.1	16.8	22.3	YES	GT	NG	FO2	0.6	
Astoria Generating Company L.P.	Gowanus 3-3		J	24124	Brooklyn	047	36	1971-07-01	20.0	19.8	25.9	18.1	24.2	YES	GT	NG	FO2	0.6	
Astoria Generating Company L.P.	Gowanus 3-4		J	24125	Brooklyn	047	36	1971-07-01	20.0	17.9	23.4	16.7	22.0	YES	GT	NG	FO2	0.4	
Astoria Generating Company L.P.	Gowanus 3-5		J	24126	Brooklyn	047	36	1971-07-01	20.0	19.0	24.8	17.9	21.8	YES	GT	NG	FO2	0.8	
Astoria Generating Company L.P.	Gowanus 3-6		J	24127	Brooklyn	047	36	1971-07-01	20.0	17.6	23.0	16.4	20.4	YES	GT	NG	FO2	0.4	
Astoria Generating Company L.P.	Gowanus 3-7		J	24128	Brooklyn	047	36	1971-07-01	20.0	18.1	23.6	18.9	23.7	YES	GT	NG	FO2	0.9	
Astoria Generating Company L.P.	Gowanus 3-8		J	24129	Brooklyn	047	36	1971-07-01	20.0	19.0	24.8	18.7	23.7	YES	GT	NG	FO2	0.9	
New York Power Authority	Gowanus 5		J	24156	Brooklyn	047	36	2001-08-01	47.0	45.4	45.4	40.0	40.0		GT	NG		54.2	
New York Power Authority	Gowanus 6		J	24157	Brooklyn	047	36	2001-08-01	47.0	46.1	46.1	39.9	39.9		GT	NG		49.5	
New York Power Authority	Kent		J	24152	Brooklyn	047	36	2001-08-01	47.0	46.9	46.9	46.0	46.0		GT	NG		69.1	
New York Power Authority	Pouch		J	24155	Staten Island	085	36	2001-08-01	47.0	47.1	47.1	44.7	46.0		GT	NG		77.4	
New York Power Authority	Hellgate 1		J	24158	Bronx	005	36	2001-08-01	47.0	45.0	45.0	39.9	39.9		GT	NG		58.3	
New York Power Authority	Hellgate 2		J	24159	Bronx	005	36	2001-08-01	47.0	45.0	45.0	39.6	40.0		GT	NG		49.8	
New York Power Authority	Harlem River 1		J	24160	Bronx	005	36	2001-08-01	47.0	46.0	46.0	39.9	39.9		GT	NG		59.6	
New York Power Authority	Harlem River 2		J	24161	Bronx	005	36	2001-08-01	47.0	45.2	45.2	39.6	40.0		GT	NG		51.8	
New York Power Authority	Vernon Blvd 2		J	24162	Queens	081	36	2001-08-01	47.0	46.2	46.2	40.0	40.0		GT	NG		65.6	
New York Power Authority	Vernon Blvd 3		J	24163	Queens	081	36	2001-08-01	47.0	43.8	43.8	39.9	39.9		GT	NG		55.1	
Astoria Generating Company L.P.	Narrows 1-1		J	24228	Brooklyn	047	36	1972-05-01	22.0	21.0	27.4	18.1	23.9	YES	GT	NG	FO2	2.8	
Astoria Generating Company L.P.	Narrows 1-2		J	24229	Brooklyn	047	36	1972-05-01	22.0	19.5	25.5	16.8	22.4	YES	GT	NG	FO2	1.7	
Astoria Generating Company L.P.	Narrows 1-3		J	24230	Brooklyn	047	36	1972-05-01	22.0	20.4	26.6	17.4	23.0	YES	GT	NG	FO2	1.9	
Astoria Generating Company L.P.	Narrows 1-4		J	24231	Brooklyn	047	36	1972-05-01	22.0	20.1	26.3	18.0	23.5	YES	GT	NG	FO2	2.5	
Astoria Generating Company L.P.	Narrows 1-5		J	24232	Brooklyn	047	36	1972-05-01	22.0	19.8	25.9	19.1	24.6	YES	GT	NG	FO2	3.9	
Astoria Generating Company L.P.	Narrows 1-6		J	24233	Brooklyn	047	36	1972-05-01	22.0	18.9	24.7	15.6	20.8	YES	GT	NG	FO2	1.2	
Astoria Generating Company L.P.	Narrows 1-7		J	24234	Brooklyn	047	36	1972-05-01	22.0	18.4	24.0	18.4	24.4	YES	GT	NG	FO2	3.0	
Astoria Generating Company L.P.	Narrows 1-8		J	24235	Brooklyn	047	36	1972-05-01	22.0	19.9	26.0	16.3	22.3	YES	GT	NG	FO2	1.2	
Astoria Generating Company L.P.	Narrows 2-1		J	24236	Brooklyn	047	36	1972-06-01	22.0	19.4	25.3	19.3	23.9	YES	GT	NG	FO2	3.2	
Astoria Generating Company L.P.	Narrows 2-2		J	24237	Brooklyn	047	36	1972-06-01	22.0	18.7	24.4	16.7	21.9	YES	GT	NG	FO2	1.7	
Astoria Generating Company L.P.	Narrows 2-3		J	24238	Brooklyn	047	36	1972-06-01	22.0	18.4	24.0	17.9	23.3	YES	GT	NG	FO2	2.3	
Astoria Generating Company L.P.	Narrows 2-4		J	24239	Brooklyn	047	36	1972-06-01	22.0	18.4	24.0	18.7	24.9	YES	GT	NG	FO2	3.6	
Astoria Generating Company L.P.	Narrows 2-5		J	24240	Brooklyn	047	36	1972-06-01	22.0	19.9	26.0	20.4	24.9	YES	GT	NG	FO2	4.1	

Table III-2a: NYISO Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service	Name Plate	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net	Notes
					Town	Cnty	St	Date	Rating ^(D)	MW		MW				Type 1	Type 2	Energy GWh	
								YYYY-MM-DD	MW	SUM	WIN	SUM	WIN						
Astoria Generating Company L.P.	Narrows 2-6		J	24241	Brooklyn	047	36	1972-06-01	22.0	18.1	23.6	20.0	21.9	YES	GT	NG	FO2	3.2	
Astoria Generating Company L.P.	Narrows 2-7		J	24242	Brooklyn	047	36	1972-06-01	22.0	20.7	27.0	18.6	24.9	YES	GT	NG	FO2	2.2	
Astoria Generating Company L.P.	Narrows 2-8		J	24243	Brooklyn	047	36	1972-06-01	22.0	17.5	22.9	17.0	21.9	YES	GT	NG	FO2	1.2	
New York Power Authority	Astoria CC 1		J	323568	Queens	081	36	2006-01-01	288.0	246.2	270.2	237.0	270.2	YES	CC	NG	FO2	3,686.7	(G)
New York Power Authority	Astoria CC 2		J	323569	Queens	081	36	2006-01-01	288.0	246.2	270.2	237.0	270.2	YES	CC	NG	FO2		
Astoria Energy LLC	Astoria East Energy - CC1		J	323581	Queens	081	36	2006-04-01	320.0	292.6	355.3	291.4	334.9	YES	CC	NG	FO2	4,145.0	(G)
Astoria Energy LLC	Astoria East Energy - CC2		J	323582	Queens	081	36	2006-04-01	320.0	292.6	355.3	291.4	334.9	YES	CC	NG	FO2		
Astoria Energy II, LLC	Astoria Energy 2 - CC3		J	323677	Queens	081	36	2011-07-01	330.0	288.0	376.3	285.0	329.8	YES	CC	NG	FO2	3,971.3	(G)
Astoria Energy II, LLC	Astoria Energy 2 - CC4		J	323678	Queens	081	36	2011-07-01	330.0	288.0	376.3	285.3	329.8	YES	CC	NG	FO2		
Bayonne Energy Center, LLC	Bayonne EC CTG1		J	323682	Bayonne NJ	017	34	2012-06-01	66.0	63.2	66.1	62.0	63.5	YES	JE	NG	KER	80.9	
Bayonne Energy Center, LLC	Bayonne EC CTG2		J	323683	Bayonne NJ	017	34	2012-06-01	66.0	63.2	66.1	58.0	61.7	YES	JE	NG	KER	29.2	
Bayonne Energy Center, LLC	Bayonne EC CTG3		J	323684	Bayonne NJ	017	34	2012-06-01	66.0	63.2	66.1	58.1	63.5	YES	JE	NG	KER	60.7	
Bayonne Energy Center, LLC	Bayonne EC CTG4		J	323685	Bayonne NJ	017	34	2012-06-01	66.0	63.2	66.1	61.1	63.3	YES	JE	NG	KER	72.1	
Bayonne Energy Center, LLC	Bayonne EC CTG5		J	323686	Bayonne NJ	017	34	2012-06-01	66.0	63.2	66.1	61.8	61.6	YES	JE	NG	KER	59.6	
Bayonne Energy Center, LLC	Bayonne EC CTG6		J	323687	Bayonne NJ	017	34	2012-06-01	66.0	63.2	66.1	61.4	62.7	YES	JE	NG	KER	20.5	
Bayonne Energy Center, LLC	Bayonne EC CTG7		J	323688	Bayonne NJ	017	34	2012-06-01	66.0	63.2	66.1	59.7	63.1	YES	JE	NG	KER	50.6	
Bayonne Energy Center, LLC	Bayonne EC CTG8		J	323689	Bayonne NJ	017	34	2012-06-01	66.0	63.2	66.1	60.0	63.5	YES	JE	NG	KER	80.6	
Bayonne Energy Center, LLC	Bayonne EC CTG9		J	323749	Bayonne NJ	017	34	2018-06-01	66.0	63.4	66.3	61.3	65.0	YES	JE	NG	KER	58.5	
Bayonne Energy Center, LLC	Bayonne EC CTG10		J	323750	Bayonne NJ	017	34	2018-06-01	66.0	63.4	66.3	61.4	64.9	YES	JE	NG	KER	77.8	
New York Power Authority	Greenport IC 4		K	1652	Greenport	103	36	1957-06-06	1.2	1.7	1.7	1.0	1.0		IC	FO2		0.0	
New York Power Authority	Greenport IC 5		K	1652	Greenport	103	36	1965-07-08	1.8	1.7	1.7	1.5	1.4		IC	FO2		0.0	
New York Power Authority	Greenport IC 6		K	1652	Greenport	103	36	1971-09-17	3.8	2.7	2.7	3.1	3.1		IC	FO2		0.0	
Freeport Electric	Freeport 1-2		K	1660	Freeport	059	36	1949-08-01	2.9	2.0	2.0	2.3	2.7		IC	FO2		0.0	
Freeport Electric	Freeport 1-3		K	1660	Freeport	059	36	1954-08-01	3.4	2.1	2.1	2.7	3.3		IC	FO2		0.0	
Freeport Electric	Freeport 2-3		K	1660	Freeport	059	36	1973-05-01	18.2	18.1	18.1	14.2	17.5		GT	KER		0.1	
Rockville Centre, Village of	Charles P Keller 09		K	1661	Rockville Centre	059	36	1954-09-01	3.5	3.3	3.3	1.6	1.9	YES	IC	NG	FO2	0.0	
Rockville Centre, Village of	Charles P Keller 10		K	1661	Rockville Centre	059	36	1954-09-01	3.5	3.2	3.2	1.6	1.9	YES	IC	NG	FO2	0.0	
Rockville Centre, Village of	Charles P Keller 11		K	1661	Rockville Centre	059	36	1962-09-01	5.2	5.2	5.2	2.4	2.8	YES	IC	NG	FO2	0.0	
Rockville Centre, Village of	Charles P Keller 12		K	1661	Rockville Centre	059	36	1967-09-01	5.5	5.5	5.5	2.5	3.0	YES	IC	NG	FO2	0.0	
Rockville Centre, Village of	Charles P Keller 13		K	1661	Rockville Centre	059	36	1974-09-01	5.5	5.6	5.6	2.5	3.0	YES	IC	NG	FO2	0.0	
Rockville Centre, Village of	Charles P Keller 14		K	1661	Rockville Centre	059	36	1994-09-01	6.2	6.3	6.3	2.9	3.5	YES	IC	NG	FO2	0.0	
Long Island Power Authority	Wading River 1		K	23522	Shoreham	103	36	1989-08-01	79.5	81.2	106.1	77.6	96.7		GT	FO2		1.5	
Long Island Power Authority	Wading River 2		K	23547	Shoreham	103	36	1989-08-01	79.5	81.3	106.2	64.3	86.6		GT	FO2		1.8	
Long Island Power Authority	Wading River 3		K	23601	Shoreham	103	36	1989-08-01	79.5	81.3	106.2	72.9	95.8		GT	FO2		2.7	
Long Island Power Authority	Barrett ST 01		K	23545	Island Park	059	36	1956-11-01	188.0	200.2	200.2	192.0	193.7	YES	ST	NG	F06	216.1	
Long Island Power Authority	Barrett ST 02		K	23546	Island Park	059	36	1963-10-01	188.0	197.5	197.5	188.5	189.5	YES	ST	NG	F06	847.3	
Long Island Power Authority	Barrett GT 01		K	23704	Island Park	059	36	1970-06-01	18.0	18.1	23.6	13.7	18.7	YES	GT	NG	FO2	4.4	
Long Island Power Authority	Barrett GT 02		K	23705	Island Park	059	36	1970-06-01	18.0	17.4	22.7	13.6	18.5	YES	GT	NG	FO2	5.0	

Table III-2a: NYISO Market Generators (cont'd)

Owner, Operator, and / or Billing Organization				PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy	Notes
					Town	Cnty	St			MW		MW				Type 1	Type 2		
								YYYY-MM-DD	MW	SUM	WIN	SUM	WIN						
		Station	Unit	Zone															
Long Island Power Authority	Barrett 03		K	23706	Island Park	059	36	1970-06-01	18.0	17.9	23.4	12.2	18.5	YES	GT	NG	F02	1.0	
Long Island Power Authority	Barrett 04		K	23707	Island Park	059	36	1970-07-01	18.0	17.7	23.1	14.5	19.0	YES	GT	NG	F02	3.0	
Long Island Power Authority	Barrett 05		K	23708	Island Park	059	36	1970-07-01	18.0	17.8	23.3	12.0	16.3	YES	GT	NG	F02	2.2	
Long Island Power Authority	Barrett 06		K	23709	Island Park	059	36	1970-07-01	18.0	17.8	23.3	12.9	17.2	YES	GT	NG	F02	2.7	
Long Island Power Authority	Barrett 08		K	23711	Island Park	059	36	1970-07-01	18.0	17.3	22.6	12.8	16.7	YES	GT	NG	F02	2.9	
Long Island Power Authority	Barrett 09		K	23700	Island Park	059	36	1971-06-01	41.8	43.4	55.2	38.6	48.8	YES	JE	NG	F02	20.6	
Long Island Power Authority	Barrett 10		K	23701	Island Park	059	36	1971-06-01	41.8	42.7	54.3	39.2	50.4	YES	JE	NG	F02	28.9	
Long Island Power Authority	Barrett 11		K	23702	Island Park	059	36	1971-06-01	41.8	43.3	55.1	38.2	42.6	YES	JE	NG	F02	23.9	
Long Island Power Authority	Barrett 12		K	23703	Island Park	059	36	1971-06-01	41.8	44.0	56.0	38.9	50.3	YES	JE	NG	F02	25.7	
Long Island Power Authority	Northport 1		K	23551	Northport	103	36	1967-07-01	387.0	395.0	395.0	399.0	398.7	YES	ST	NG	F06	890.0	
Long Island Power Authority	Northport 2		K	23552	Northport	103	36	1968-06-01	387.0	396.0	396.0	399.0	398.2	YES	ST	NG	F06	1,010.2	
Long Island Power Authority	Northport 3		K	23553	Northport	103	36	1972-07-01	387.0	399.2	399.2	386.2	392.2	YES	ST	NG	F06	551.9	
Long Island Power Authority	Northport 4		K	23650	Northport	103	36	1977-12-01	387.0	399.2	399.2	398.0	398.7	YES	ST	NG	F06	1,252.9	
Long Island Power Authority	Port Jefferson GT 02		K	24210	Port Jefferson	103	36	2002-07-01	53.0	44.0	52.0	39.1	45.3	YES	GT	NG	F02	36.3	
Long Island Power Authority	Port Jefferson GT 03		K	24211	Port Jefferson	103	36	2002-07-01	53.0	43.1	50.9	40.2	47.2	YES	GT	NG	F02	31.4	
Long Island Power Authority	Port Jefferson 3		K	23555	Port Jefferson	103	36	1958-11-01	188.0	194.5	194.5	191.0	194.5	YES	ST	NG	F06	91.0	
Long Island Power Authority	Port Jefferson 4		K	23616	Port Jefferson	103	36	1960-11-01	188.0	198.7	198.7	189.0	193.7	YES	ST	NG	F06	168.3	
Long Island Power Authority	Hempstead (RR)		K	23647	Hempstead	059	36	1989-10-01	78.6	73.7	73.7	74.2	76.0		ST	REF		596.4	
Long Island Power Authority	Glenwood GT 02		K	23688	Glenwood	059	36	1972-06-01	55.0	52.7	68.8	40.3	57.8		GT	F02		1.0	
Long Island Power Authority	Glenwood GT 03		K	23689	Glenwood	059	36	1972-06-01	55.0	54.7	71.5	54.1	66.6		GT	F02		1.7	
Long Island Power Authority	Glenwood GT 04		K	24219	Glenwood	059	36	2002-06-01	53.0	42.3	50.0	41.9	45.8	YES	GT	NG	F02	69.4	
Long Island Power Authority	Glenwood GT 05		K	24220	Glenwood	059	36	2002-06-01	53.0	42.0	49.6	41.7	46.4	YES	GT	NG	F02	66.4	
Long Island Power Authority	Holtsville 01		K	23690	Holtsville	103	36	1974-07-01	56.7	56.7	72.1	54.2	66.9		JE	F02		4.9	
Long Island Power Authority	Holtsville 02		K	23691	Holtsville	103	36	1974-07-01	56.7	55.3	70.3	56.8	65.9		JE	F02		1.6	
Long Island Power Authority	Holtsville 03		K	23692	Holtsville	103	36	1974-07-01	56.7	52.1	66.3	51.2	63.3		JE	F02		2.5	
Long Island Power Authority	Holtsville 04		K	23693	Holtsville	103	36	1974-07-01	56.7	52.7	67.0	53.0	61.0		JE	F02		1.7	
Long Island Power Authority	Holtsville 05		K	23694	Holtsville	103	36	1974-07-01	56.7	55.3	70.3	52.6	62.5		JE	F02		1.0	
Long Island Power Authority	Holtsville 06		K	23695	Holtsville	103	36	1975-07-01	56.7	53.0	67.4	49.4	58.1		JE	F02		3.4	
Long Island Power Authority	Holtsville 07		K	23696	Holtsville	103	36	1975-07-01	56.7	55.1	70.1	54.0	63.6		JE	F02		2.0	
Long Island Power Authority	Holtsville 08		K	23697	Holtsville	103	36	1975-07-01	56.7	57.4	73.0	49.9	64.8		JE	F02		1.2	
Long Island Power Authority	Holtsville 09		K	23698	Holtsville	103	36	1975-07-01	56.7	57.5	73.1	55.4	67.7		JE	F02		1.6	
Long Island Power Authority	Holtsville 10		K	23699	Holtsville	103	36	1975-07-01	56.7	55.1	70.1	51.4	62.8		JE	F02		1.3	
Long Island Power Authority	Shoreham 1		K	23715	Shoreham	103	36	1971-07-01	52.9	48.9	63.9	46.0	50.7		GT	F02		0.3	
Long Island Power Authority	Shoreham 2		K	23716	Shoreham	103	36	1984-04-01	18.6	18.5	23.5	16.7	21.3		JE	F02		0.1	
Spotlight Power LLC	Shoreham GT3		K	24213	Shoreham	103	36	2002-08-01	50.0	45.4	45.4	42.9	44.4		GT	F02		0.9	
Spotlight Power LLC	Shoreham GT4		K	24214	Shoreham	103	36	2002-08-01	50.0	43.9	43.9	41.8	44.9		GT	F02		0.5	
Long Island Power Authority	East Hampton GT 01		K	23717	E Hampton	103	36	1970-12-01	21.3	19.2	24.4	18.4	24.1		JE	F02		9.7	
Long Island Power Authority	East Hampton 2		K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	1.8	1.7		IC	F02		0.6	

Table III-2a: NYISO Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy GWh	Notes
					Town	Cnty	St			MW		MW				Type 1	Type 2		
								YYYY-MM-DD	MW	SUM	WIN	SUM	WIN						
Long Island Power Authority	East Hampton 3		K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	1.8	1.7		IC	F02		0.6	
Long Island Power Authority	East Hampton 4		K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	1.8	1.7		IC	F02		0.6	
Long Island Power Authority	Southold 1		K	23719	Southold	103	36	1964-08-01	14.0	12.3	16.1	9.5	12.3		GT	F02		0.7	
Long Island Power Authority	S Hampton 1		K	23720	South Hampton	103	36	1963-03-01	11.5	10.3	13.5	8.1	11.2		GT	F02		0.0	
Spotlight Power LLC	Freeport CT 1		K	23764	Freeport	059	36	2004-06-01	60.0	48.3	51.3	45.8	48.4	YES	GT	NG	F02	45.4	
Freeport Electric	Freeport CT 2		K	23818	Freeport	059	36	2004-03-01	50.0	50.3	50.3	43.0	43.0	YES	GT	NG	KER	31.1	
New York Power Authority	Flynn		K	23794	Holtsville	103	36	1994-05-01	170.0	135.5	168.4	139.5	160.0	YES	CC	NG	F02	472.8	
Long Island Power Authority	Greenport GT1		K	23814	Greenport	103	36	2003-07-02	54.0	51.9	52.4	51.0	56.7		JE	F02		24.0	
MPH Rockaway Peakers, LLC	Far Rockaway GT1		K	24212	Far Rockaway	081	36	2002-07-01	60.5	53.5	73.1	48.9	52.6		JE	NG		42.5	
MPH Rockaway Peakers, LLC	Far Rockaway GT2		K	23815	Jamaica Bay	081	36	2003-07-02	60.5	55.4	75.7	55.7	59.0	YES	JE	NG	F02	25.4	
Calpine Energy Services LP	Bethpage		K	23823	Hicksville	059	36	1989-09-01	83.6	54.9	55.1	51.0	57.6	YES	CC	NG	F02	202.7	(S)
Long Island Power Authority	Bethpage 3		K	323564	Hicksville	059	36	2005-05-01	96.0	79.9	91.4	75.7	76.8		CC	NG		262.4	
Calpine Energy Services LP	Bethpage GT4		K	323586	Hicksville	059	36	2002-07-01	60.0	48.2	51.2	43.7	45.7		GT	NG		106.9	
Calpine Energy Services LP	Stony Brook (BTM:NG)		K	24151	Stony Brook	103	36	1995-04-01	47.0	0.0	0.0	0.0	0.0	YES	GT	NG	F02	309.3	(E)(7)
New York Power Authority	Brentwood		K	24164	Brentwood	103	36	2001-08-01	47.0	47.1	47.1	45.0	46.0		GT	NG		38.7	
Spotlight Power LLC	Pilgrim GT1		K	24216	Brentwood	103	36	2002-08-01	50.0	45.6	45.6	41.3	45.6		GT	NG		19.8	
Spotlight Power LLC	Pilgrim GT2		K	24217	Brentwood	103	36	2002-08-01	50.0	46.2	46.2	42.3	46.3		GT	NG		20.1	
Long Island Power Authority	Pinelawn Power 1		K	323563	Babylon	103	36	2005-06-01	82.0	78.0	78.0	73.6	76.5	YES	CC	NG	KER	76.6	
Long Island Power Authority	Caithness_CC_1		K	323624	Brookhaven	103	36	2009-08-01	375.0	315.6	389.8	313.5	361.1	YES	CC	NG	F02	1,853.6	
Long Island Power Authority	Islip (RR)		K	323679	Ronkonkoma	103	36	1990-03-01	12.5	11.2	11.2	8.0	8.1		ST	REF		53.6	
Long Island Power Authority	Long Island Solar Farm		K	323691	Upton	103	36	2011-11-01	31.5	31.5	31.5	31.5	31.5		PV	SUN		49.5	
Long Island Power Authority	Calverton Solar		K	323806	Riverhead	103	36	2022-06-02	22.9	22.9	22.9	22.9	22.9		PV	SUN		43.7	
Long Island Power Authority	South Fork Wind		K	323839	E Hampton	103	36	2024-07-16	136.0	136.0	136.0	132.0	132.0		WT	OSW		190.9	(N) (4)
Long Island Power Authority	Babylon (RR)		K	323704	Babylon	103	36	1989-04-01	17.0	15.5	15.5	15.7	16.0		ST	REF		123.9	
Long Island Power Authority	Huntington (RR)		K	323705	Huntington	103	36	1991-12-01	28.0	24.7	24.7	24.8	24.8		ST	REF		195.8	

Table III-2a - NYISO Market Totals:

42,551.0 39,261.6 42,031.6 37,698.9 39,971.0

129,238.2

Table III-2b: Non-Market Generators

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy GWh	Notes
										Town	Cnty	St	MW			MW			
					YYYY-MM-DD	MW	SUM						WIN			SUM	WIN		
					Niagara Mohawk Power Corp.	Allied Frozen Storage		A	23774	Cheektowaga	029	36	2008-05-01	0.1	0.0	0.0	0.0	0.0	
Niagara Mohawk Power Corp.	Burt Dam Hydro		A	23774	Burt	063	36	1987-12-01	0.6	0.0	0.0	0.0	0.0	HY	WAT		2.1		
Niagara Mohawk Power Corp.	Cal Ban Power		A	23774	Allegany	003	36	1995-06-01	0.1	0.0	0.0	0.0	0.0	IC	NG		0.0		
Niagara Mohawk Power Corp.	Hydrocarbon-Algny		A	23774	Allegany	003	36	1992-12-01	0.2	0.0	0.0	0.0	0.0	IC	NG		0.0		
Niagara Mohawk Power Corp.	Laidlaw Energy		A	23774	Ellicottville	009	36	1991-07-01	3.4	0.0	0.0	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	0.0	0.0	ST	NG		0.0		
Niagara Mohawk Power Corp.	Sustainable Bioelectric LLC		A	23774	Wheatfield	063	36	2014-03-01	0.6	0.0	0.0	0.0	0.0	IC	MTE		0.1		
Niagara Mohawk Power Corp.	General Mills Inc		A	23808	Buffalo	029	36	1988-12-01	3.8	0.0	0.0	0.0	0.0	GT	NG		0.0		
Rochester Gas and Electric Corp.	Mills Mills		B	5059	Fillmore	003	36	1906-07-01	0.2	0.0	0.0	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	0.0	0.0	HY	WAT		0.0		
Niagara Mohawk Power Corp.	United States Gypsum		B	23774	Batavia	037	36	2009-11-01	5.8	0.0	0.0	0.0	0.0	CG	NG		0.1		
New York State Elec. & Gas Corp.	AA Dairy		C	5013	Ithaca	109	36	1998-06-01	0.1	0.0	0.0	0.0	0.0	IC	MTE		0.0		
New York State Elec. & Gas Corp.	Auburn - Mill St.		C	5014	Auburn	011	36	1981-10-01	0.4	0.0	0.0	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	0.0	0.0	HY	WAT		0.0		
New York State Elec. & Gas Corp.	Montville Falls		C	5019	Moravia	011	36	1992-08-01	0.2	0.0	0.0	0.0	0.0	HY	WAT		0.0		
New York State Elec. & Gas Corp.	Waterloo 2		C	5020	Waterloo	099	36	1998-06-01	0.5	0.0	0.0	0.0	0.0	HY	WAT		0.0		
New York State Elec. & Gas Corp.	Waterloo 3		C	5021	Waterloo	099	36	1998-06-01	0.5	0.0	0.0	0.0	0.0	HY	WAT		0.0		
New York State Elec. & Gas Corp.	Waterloo 4		C	5022	Waterloo	099	36	1998-06-01	0.5	0.0	0.0	0.0	0.0	HY	WAT		0.0		
NRG Power Marketing LLC	Oswego IC 1		C	5052	Oswego	075	36	1967-08-01	0.7	0.0	0.0	0.0	0.0	IC	FO2		0.0		
NRG Power Marketing LLC	Oswego IC 2		C	5053	Oswego	075	36	1976-02-01	0.8	0.0	0.0	0.0	0.0	IC	FO2		0.0		
NRG Power Marketing LLC	Oswego IC 3		C	5054	Oswego	075	36	1980-07-01	0.8	0.0	0.0	0.0	0.0	IC	FO2		0.0		
New York State Elec. & Gas Corp.	Seneca Falls 1		C	23627	Seneca Falls	099	36	1998-06-01	1.8	0.0	0.0	0.0	0.0	HY	WAT		0.0		
New York State Elec. & Gas Corp.	Seneca Falls 2		C	23627	Seneca Falls	099	36	1998-06-01	1.8	0.0	0.0	0.0	0.0	HY	WAT		0.0		
New York State Elec. & Gas Corp.	Seneca Falls 4		C	23627	Seneca Falls	099	36	1998-06-01	2.0	0.0	0.0	0.0	0.0	HY	WAT		0.0		
Niagara Mohawk Power Corp.	City of Oswego (High Dam)		C	23634	Oswego	075	36	1994-02-01	11.9	0.0	0.0	0.0	0.0	HY	WAT		25.6		
Niagara Mohawk Power Corp.	Nottingham High School		C	23634	Syracuse	067	36	1988-06-01	0.2	0.0	0.0	0.0	0.0	CG	NG		0.0		
Niagara Mohawk Power Corp.	Onondaga Energy Partners		C	23634	Onondaga	067	36	1987-12-01	1.4	0.0	0.0	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	0.0	0.0	ST	REF		3.7		
Niagara Mohawk Power Corp.	Oswego Hydro Partners LP (Phoenix)		C	23634	Phoenix	075	36	1990-12-01	3.4	0.0	0.0	0.0	0.0	HY	WAT		9.1		
Niagara Mohawk Power Corp.	Seneca Limited		C	23634	Syracuse	067	36	1985-12-01	0.2	0.0	0.0	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	0.0	0.0	HY	WAT		0.0		
Niagara Mohawk Power Corp.	Onondaga County		C	23987	North Syracuse	067	36	1994-12-01	39.5	0.0	0.0	0.0	0.0	ST	REF		206.9		
New York State Elec. & Gas Corp.	Chasm Falls Hydro		D	5016	Chateaugay	033	36	1982-03-01	1.6	0.0	0.0	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	0.0	0.0	IC	FO2		0.0		
New York State Elec. & Gas Corp.	Lower Saranac 1		D	23913	Schuyler Falls	019	36	1990-10-01	3.2	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0	HY	WAT		0.0		
New York State Elec. & Gas Corp.	Alice Falls 1		D	23915	Ausable	019	36	1991-11-01	1.5	0.0	0.0	0.0	0.0	HY	WAT		0.0		

Table III-2b: Non-Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy GWh	Notes
										Town	Cnty	St	YYYY-MM-DD			MW	SUM		
New York State Elec. & Gas Corp.	Alice Falls 2		D	23915	Ausable	019	36	1991-11-01	0.6		0.0	0.0	0.0	0.0	HY	WAT		0.0	
Niagara Mohawk Power Corp.	Azure Mountain		D	24055	St. Regis Falls	033	36	1993-08-01	0.6		0.0	0.0	0.0	0.0	HY	WAT		0.0	
Niagara Mohawk Power Corp.	Bellows Towers		D	24055	Malone	033	36	1987-06-01	0.2		0.0	0.0	0.0	0.0	HY	WAT		0.0	
Niagara Mohawk Power Corp.	Franklin Hydro		D	24055	Franklin Falls	033	36	1995-03-01	0.3		0.0	0.0	0.0	0.0	HY	WAT		0.0	
Niagara Mohawk Power Corp.	Oakvale Construction		D	24055	Wilmington	031	36	2009-11-01	0.4		0.0	0.0	0.0	0.0	HY	WAT		2.2	
Niagara Mohawk Power Corp.	Synergics - Union Falls		D	24055	Union Falls	019	36	1987-12-01	3.0		0.0	0.0	0.0	0.0	HY	WAT		11.8	
Niagara Mohawk Power Corp.	Village of Saranac Lake		D	24055	Saranac Lake	033	36	1996-12-01	0.2		0.0	0.0	0.0	0.0	HY	WAT		0.0	
Triton Power Company	Chateaugay High Falls		D	323578	Chateaugay	033	36	1987-12-01	1.7		0.0	0.0	0.0	0.0	HY	WAT		0.0	
Niagara Mohawk Power Corp.	Fortis Energy - Philadelphia		E	1656	Philadelphia	045	36	1986-08-01	3.6		0.0	0.0	0.0	0.0	HY	WAT		10.7	
Niagara Mohawk Power Corp.	Adams Hydro		E	23633	Adams	045	36	1987-11-01	0.2		0.0	0.0	0.0	0.0	HY	WAT		0.0	
Niagara Mohawk Power Corp.	Algon.-Herkimer		E	23633	Herkimer	043	36	1987-12-01	1.6		0.0	0.0	0.0	0.0	HY	WAT		0.0	
Niagara Mohawk Power Corp.	Algon.-Otter Creek		E	23633	Greig	049	36	1986-11-01	0.5		0.0	0.0	0.0	0.0	HY	WAT		0.0	
Niagara Mohawk Power Corp.	Beaver Falls #1		E	23633	Beaver Falls	049	36	1986-01-01	1.5		0.0	0.0	0.0	0.0	HY	WAT		4.3	
Niagara Mohawk Power Corp.	Beaver Falls #2		E	23633	Beaver Falls	049	36	1986-01-01	1.0		0.0	0.0	0.0	0.0	HY	WAT		5.8	
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	0.0	0.0	HY	WAT		6.3	
Niagara Mohawk Power Corp.	Black River Hyd#2 - Denley		E	23633	Port Leyden	049	36	1985-12-01	1.6		0.0	0.0	0.0	0.0	HY	WAT		0.0	
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	0.0	0.0	HY	WAT		17.1	
Niagara Mohawk Power Corp.	Burrstone Engy Center, LLC LU		E	23633	Utica	065	36	2009-11-01	1.1		0.0	0.0	0.0	0.0	IC	NG		1.4	
Niagara Mohawk Power Corp.	Burrstone Engy Center, LLC U		E	23633	Utica	065	36	2009-11-01	2.2		0.0	0.0	0.0	0.0	IC	NG		0.0	
Niagara Mohawk Power Corp.	C.H.I. (Dexter) Hydro		E	23633	Dexter	045	36	1988-01-01	4.2		0.0	0.0	0.0	0.0	HY	WAT		8.4	
Niagara Mohawk Power Corp.	C.H.I. (Diamond Is)		E	23633	Watertown	045	36	1986-01-01	1.2		0.0	0.0	0.0	0.0	HY	WAT		2.6	
Niagara Mohawk Power Corp.	C.H.I. (Fowler)		E	23633	Fowler	049	36	1986-01-01	0.6		0.0	0.0	0.0	0.0	HY	WAT		2.3	
Niagara Mohawk Power Corp.	C.H.I. (Hailsboro #3)		E	23633	Hailsboro	089	36	1986-01-01	0.8		0.9	0.9	0.0	0.0	HY	WAT		4.3	
Niagara Mohawk Power Corp.	C.H.I. (Hailsboro #4)		E	23633	Hailsboro	089	36	1986-01-01	1.4		0.9	0.8	0.0	0.0	HY	WAT		9.5	
Niagara Mohawk Power Corp.	C.H.I. (Hailsboro #6)		E	23633	Hailsboro	089	36	1986-01-01	0.8		1.0	1.0	0.0	0.0	HY	WAT		5.2	
Niagara Mohawk Power Corp.	C.H.I. (Theresa)		E	23633	Theresa	089	36	1986-01-01	1.3		0.0	0.0	0.0	0.0	HY	WAT		4.4	
Niagara Mohawk Power Corp.	Cellu-Tissue Corp - Natural Dam		E	23633	Gouverneur	089	36	1986-01-01	1.0		0.0	0.0	0.0	0.0	HY	WAT		0.0	
Niagara Mohawk Power Corp.	City of Utica - Sand Road		E	23633	Utica	065	36	1993-05-01	0.2		0.0	0.0	0.0	0.0	HY	WAT		0.2	
Niagara Mohawk Power Corp.	City of Utica -Trenton Falls		E	23633	Utica	065	36	1993-02-01	0.2		0.0	0.0	0.0	0.0	HY	WAT		0.0	
Niagara Mohawk Power Corp.	City of Watertown		E	23633	Watertown	045	36	1986-01-01	8.1		0.0	0.0	0.0	0.0	HY	WAT		15.3	
Niagara Mohawk Power Corp.	Copenhagen Assoc.		E	23633	Copenhagen	049	36	1986-01-01	3.3		0.0	0.0	0.0	0.0	HY	WAT		8.6	
Niagara Mohawk Power Corp.	Cranberry Lake		E	23633	Cranberry Lake	049	36	1987-12-01	0.5		0.0	0.0	0.0	0.0	HY	WAT		0.0	
Niagara Mohawk Power Corp.	Empire Hydro Partners		E	23633	Port Leyden	049	36	1984-11-01	1.0		0.0	0.0	0.0	0.0	HY	WAT		4.7	
Niagara Mohawk Power Corp.	Forestport Hydro		E	23633	Forestport	065	36	1987-12-01	3.4		0.0	0.0	0.0	0.0	HY	WAT		8.8	
Niagara Mohawk Power Corp.	Fortis Energy - Diana		E	23633	Diana	049	36	1985-07-01	1.8		0.0	0.0	0.0	0.0	HY	WAT		7.7	
Niagara Mohawk Power Corp.	Hewittville Hydro		E	23633	Potsdam	089	36	1984-07-01	3.0		0.0	0.0	0.0	0.0	HY	WAT		14.7	
Niagara Mohawk Power Corp.	Hollow Dam Power		E	23633	Saint Lawrence	089	36	1987-12-01	1.0		0.0	0.0	0.0	0.0	HY	WAT		1.8	
Niagara Mohawk Power Corp.	Indian Falls HY		E	23633	Theresa	045	36	1986-01-01	0.3		0.0	0.0	0.0	0.0	HY	WAT		0.0	

Table III-2b: Non-Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy	Notes
					Town	Cnty	St			MW		MW				Type 1	Type 2		
					YYYY-MM-DD	MW	SUM	WIN	SUM	WIN									
Niagara Mohawk Power Corp.	Kayuta Lake		E	23633	Kayuta	065	36	1988-05-01	0.4	0.0	0.0	0.0	0.0	HY	WAT			0.0	
Niagara Mohawk Power Corp.	Kings Falls		E	23633	Copenhagen	049	36	1988-05-01	1.6	0.0	0.0	0.0	0.0	HY	WAT			0.0	
Niagara Mohawk Power Corp.	Long Falls Hydro		E	23633	Carthage	045	36	1991-06-01	3.3	0.0	0.0	0.0	0.0	HY	WAT			4.3	
Niagara Mohawk Power Corp.	Lyonsdale Assoc. (Burrows)		E	23633	Lyons Falls	049	36	1984-07-01	3.0	0.0	0.0	0.0	0.0	HY	WAT			11.1	
Niagara Mohawk Power Corp.	Newport Hydro Assoc.		E	23633	Newport	043	36	1987-12-01	1.7	0.0	0.0	0.0	0.0	HY	WAT			6.7	
Niagara Mohawk Power Corp.	Northbrook Carthage		E	23633	Carthage	045	36	1986-01-01	4.4	0.0	0.0	0.0	0.0	HY	WAT			23.1	
Niagara Mohawk Power Corp.	Ogdensburg Hydro		E	23633	Ogdensburg	089	36	1987-12-01	3.5	0.0	0.0	0.0	0.0	HY	WAT			1.8	
Niagara Mohawk Power Corp.	Sandy Hollow Hydro Assoc.		E	23633	Philadelphia	045	36	1986-09-01	0.6	0.0	0.0	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	0.0	0.0	IC	NG			0.0	
Niagara Mohawk Power Corp.	Stillwater Assoc.		E	23633	Webb	043	36	1987-01-01	1.8	0.0	0.0	0.0	0.0	HY	WAT			2.4	
Niagara Mohawk Power Corp.	Tannery Island		E	23633	Carthage	045	36	1986-01-01	1.5	0.0	0.0	0.0	0.0	HY	WAT			8.6	
Niagara Mohawk Power Corp.	Unionville Hydro		E	23633	Potsdam	089	36	1984-07-01	3.0	0.0	0.0	0.0	0.0	HY	WAT			13.9	
Niagara Mohawk Power Corp.	Village of Gouverneur		E	23633	Gouverneur	089	36	1986-01-01	0.1	0.0	0.0	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	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	0.0	0.0	HY	WAT			0.0	
Boralex Hydro Operations Inc	Sissonville		E	23735	Potsdam	089	36	1990-08-01	3.1	0.0	0.0	0.0	0.0	HY	WAT			0.0	
ReEnergy Black River LLC	Fort Drum		E	23780	Watertown	045	36	2013-05-30	55.5	0.0	0.0	0.0	0.0	ST	WD			0.0	
Niagara Mohawk Power Corp.	Fortis - Dolgeville		E	23807	Dolgeville	043	36	1985-07-01	5.0	0.0	0.0	0.0	0.0	HY	WAT			11.6	
Niagara Mohawk Power Corp.	Little Falls Hydro		E	24013	Little Falls	043	36	1987-01-01	13.0	0.0	0.0	0.0	0.0	HY	WAT			0.0	
Niagara Mohawk Power Corp.	Fortis Energy - Moose River		E	24016	Lyonsdale	049	36	1987-09-01	12.6	0.0	0.0	0.0	0.0	HY	WAT			44.6	
Niagara Mohawk Power Corp.	Pyrites Assoc.		E	24023	Canton	089	36	1985-12-01	8.2	0.0	0.0	0.0	0.0	HY	WAT			25.3	
CHI Energy Inc	Goodyear Lake		E	323669	Milford	077	36	1980-07-01	1.4	0.0	0.0	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	0.0	0.0	0.0	0.0	HY	WAT			325.6	(G)
Niagara Mohawk Power Corp.	International Paper - Palmer		F	1655	Corinth	091	36	1986-01-01	49.2	0.0	0.0	0.0	0.0	HY	WAT				
Niagara Mohawk Power Corp.	Boralex - Middle Falls		F	23643	Easton	115	36	1989-12-01	2.2	0.0	0.0	0.0	0.0	HY	WAT			10.1	
Niagara Mohawk Power Corp.	Champlain Spinner		F	23643	Whitehall	031	36	1992-07-01	0.4	0.0	0.0	0.0	0.0	HY	WAT			0.6	
Niagara Mohawk Power Corp.	Chittenden Falls		F	23643	Stuyvesant	021	36	1995-12-01	0.6	0.0	0.0	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	0.0	0.0	HY	WAT			0.0	
Niagara Mohawk Power Corp.	City of Watervliet Hydro		F	23643	Guilderland	001	36	1986-01-01	1.5	0.0	0.0	0.0	0.0	HY	WAT			2.3	
Niagara Mohawk Power Corp.	Cons. HY-Victory		F	23643	Victory Falls	091	36	1986-12-01	1.7	0.0	0.0	0.0	0.0	HY	WAT			2.7	
Niagara Mohawk Power Corp.	Cottrell Paper		F	23643	Rock City Falls	091	36	1987-01-01	0.3	0.0	0.0	0.0	0.0	HY	WAT			0.0	
Niagara Mohawk Power Corp.	Edison Hydro Electric		F	23643	Stottville	021	36	2009-11-01	0.3	0.0	0.0	0.0	0.0	HY	WAT			0.0	
Niagara Mohawk Power Corp.	Finch Paper LLC - Glens Falls		F	23643	Glens Falls	113	36	2009-11-01	11.8	0.0	0.0	0.0	0.0	HY	WAT			0.1	
Niagara Mohawk Power Corp.	Finch Prun		F	23643	Glens Falls	113	36	1989-12-01	29.0	0.0	0.0	0.0	0.0	HY	WAT			0.0	
Niagara Mohawk Power Corp.	Fort Miller Assoc (Hudson River)		F	23643	Schuylerville	091	36	1985-10-01	5.0	0.0	0.0	0.0	0.0	HY	WAT			14.8	
Niagara Mohawk Power Corp.	Gloversville Johnstown WWT		F	23643	Gloversville	035	36	2010-01-01	0.7	0.0	0.0	0.0	0.0	IC	MTE			0.2	
Niagara Mohawk Power Corp.	Green Island Power Authority		F	23643	Green Island	001	36	1971-01-01	6.0	0.0	0.0	0.0	0.0	HY	WAT			37.5	
Niagara Mohawk Power Corp.	Hollings&Vose-Center		F	23643	Easton	115	36	1986-01-01	0.4	0.0	0.0	0.0	0.0	HY	WAT			1.2	

Table III-2b: Non-Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy GWh	Notes
										Town	Cnty	St	YYYY-MM-DD			MW	SUM		
Niagara Mohawk Power Corp.	Hollings&Vose-Lower		F	23643	Easton	115	36	1986-01-01	0.4	0.0	0.0	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	0.0	0.0		HY	WAT		0.0	
Niagara Mohawk Power Corp.	Hoosick Falls		F	23643	Hoosick Falls	083	36	1988-08-01	0.6	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Niagara Mohawk Power Corp.	Mechanicville		F	23643	Halfmoon	091	36	2005-03-01	3.8	0.0	0.0	0.0	0.0		HY	WAT		21.8	
Niagara Mohawk Power Corp.	Mount Ida Hydro		F	23643	Troy	083	36	1986-01-01	3.0	0.0	0.0	0.0	0.0		HY	WAT		3.6	
Niagara Mohawk Power Corp.	Mountainaie Massage Spa		F	23643	Wevertown	113	36	2009-11-01	0.0	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Niagara Mohawk Power Corp.	Riverrat Glass & Electric		F	23643	Wadhams	031	36	1986-01-01	0.6	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Niagara Mohawk Power Corp.	Stillwater Hydro Partners LP		F	23643	Stillwater	091	36	1993-04-01	3.4	0.0	0.0	0.0	0.0		HY	WAT		11.2	
Niagara Mohawk Power Corp.	Stuyvesant Falls Hydro		F	23643	Stuyvesant	021	36	2013-02-01	7.0	0.0	0.0	0.0	0.0		HY	WAT		11.9	
Niagara Mohawk Power Corp.	Synergics - Middle Greenwich		F	23643	Greenwich	115	36	1987-12-01	0.2	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Niagara Mohawk Power Corp.	Synergics - Upper Greenwich		F	23643	Greenwich	115	36	1987-12-01	0.4	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Niagara Mohawk Power Corp.	Town of Wells (Lake Algonquin)		F	23643	Wells	041	36	1987-12-01	0.5	0.0	0.0	0.0	0.0		HY	WAT		0.9	
Niagara Mohawk Power Corp.	Tri-City JATC		F	23643	Latham	001	36	2009-11-01	0.0	0.0	0.0	0.0	0.0		IC	NG		0.0	
Niagara Mohawk Power Corp.	Valatie Falls		F	23643	Valatie	021	36	1992-12-01	0.1	0.0	0.0	0.0	0.0		HY	WAT		0.4	
Niagara Mohawk Power Corp.	Valley Falls Assoc.		F	23643	Valley Falls	083	36	1985-08-01	2.5	0.0	0.0	0.0	0.0		HY	WAT		6.4	
Boralex Hydro Operations Inc	Warrensburg		F	23737	Warrensburg	113	36	1988-12-01	2.9	3.0	3.0	0.0	0.0		HY	WAT		9.9	
Boralex Hydro Operations Inc	Fourth Branch		F	23824	Waterford	091	36	1987-12-01	3.3	3.5	3.5	0.0	0.0		HY	WAT		10.8	
Niagara Mohawk Power Corp.	Boralex - Hudson Falls		F	24011	Hudson Falls	115	36	1995-10-01	44.0	0.0	0.0	0.0	0.0		HY	WAT		210.4	
Niagara Mohawk Power Corp.	Boralex - South Glens Falls		F	24028	Moreau	091	36	1994-12-01	13.8	0.0	0.0	0.0	0.0		HY	WAT		80.4	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 1		F	24058	Queensbury	113	36	2009-03-01	8.0	0.0	0.0	0.0	0.0		HY	WAT		24.1	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 6		F	24058	Queensbury	113	36	2009-02-02	1.3	0.0	0.0	0.0	0.0		HY	WAT		9.0	
Erie Blvd. Hydro - Upper Hudson	Stewarts Bridge 2		F	24058	Hadley	091	36	2013-06-01	2.5	0.0	0.0	0.0	0.0		HY	WAT		18.8	
Erie Blvd. Hydro - Lower Hudson	Schuylerville		F	24059	Schuylerville	091	36	1919-01-01	1.2	0.0	0.0	0.0	0.0		HY	WAT		34.5	
Central Hudson Gas & Electric Corp.	Millpond		G	5004	Catskill	039	36	1993-12-01	0.9	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Central Hudson Gas & Electric Corp.	Montgomery West		G	5005	Montgomery	071	36	1985-11-01	0.2	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Central Hudson Gas & Electric Corp.	Salisbury Mills		G	5006	Salisbury Mills	071	36	1986-12-01	0.5	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Central Hudson Gas & Electric Corp.	Wallkill		G	5007	Shwangunk	111	36	1986-12-01	0.5	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Orange and Rockland Utilities	Buttermilk Falls		G	5055	Highland Falls	071	36	1986-12-01	0.1	0.0	0.0	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	0.0	0.0	YES	IC	NG	FO2	0.0	
Orange and Rockland Utilities	Landfill G.Part19		G	5057	Goshen	071	36	1988-12-01	2.5	0.0	0.0	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	0.0	0.0		IC	MTE		0.0	
Central Hudson Gas & Electric Corp.	Sturgeon 1		G	23609	Rifton	111	36	1924-01-01	4.8	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Central Hudson Gas & Electric Corp.	Sturgeon 2		G	23609	Rifton	111	36	1924-01-01	4.8	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Central Hudson Gas & Electric Corp.	Sturgeon 3		G	23609	Rifton	111	36	1924-01-01	4.8	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Central Hudson Gas & Electric Corp.	Dashville 1		G	23610	Rifton	111	36	1920-01-01	2.4	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Central Hudson Gas & Electric Corp.	Dashville 2		G	23610	Rifton	111	36	1920-01-01	2.4	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Central Hudson Gas & Electric Corp.	High Falls		G	23754	Marbletown	111	36	1986-12-01	3.2	0.0	0.0	0.0	0.0		HY	WAT		0.0	
Central Hudson Gas & Electric Corp.	Wappingers Falls		G	23765	Wappingers Falls	027	36	1988-12-01	2.0	2.0	2.0	0.0	0.0		HY	WAT		0.0	

Table III-2b: Non-Market Generators (cont'd)

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location			In-Service Date	Name Plate Rating ^(D)	2025 CRIS ^(A)		2025 Capability ^(B)		D U A L	Unit Type	Fuel ^(U)		2024 Net Energy GWh	Notes
										Town	Cnty	St	MW			MW			
					YYYY-MM-DD	MW	SUM						WIN			SUM	WIN		
					Consolidated Hydro New York, Inc.	Walden Hydro		G	24148	Walden	071	36	1983-12-01	2.4	0.0	0.0	0.0	0.0	
Consolidated Hydro New York, Inc.	Groveville Hydro		G	323602	Beacon	027	36	1983-12-01	0.9	0.0	0.0	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	0.0	0.0		HY	WAT		0.0	
Consolidated Edison Co. of NY, Inc.	59 St. GT 1		J	24138	Manhattan	061	36	1969-06-01	17.1	15.4	20.1	0.0	0.0	YES	GT	NG	KER	0.5	
Consolidated Edison Co. of NY, Inc.	74 St. GT 1		J	24260	Manhattan	061	36	1968-10-01	18.5	19.0	23.5	0.0	0.0		GT	KER		0.0	
Consolidated Edison Co. of NY, Inc.	74 St. GT 2		J	24261	Manhattan	061	36	1968-10-01	18.5	20.1	25.7	0.0	0.0		GT	KER		0.0	
Long Island Power Authority	Oceanside (LF)		K	5008	Oceanside	059	36	1991-02-01	2.1	0.0	0.0	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	0.0		IC	MTE		0.0	
Long Island Power Authority	Smithtown (LF)		K	5010	Smithtown	103	36	1985-12-01	1.1	0.0	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	0.0		IC	NG		0.0	
Long Island Power Authority	Yaphank (LF)		K	5012	Yaphank	103	36	1983-09-01	1.6	0.0	0.0	0.0	0.0		IC	MTE		0.0	
LI Energy Storage System, LLC	East Hampton Battery Storage		K	5066	East Hampton	103	36	2018-08-01	5.0	0.0	0.0	0.0	0.0		ES	BAT			
LI Energy Storage System, LLC	Montauk Battery Storage		K	5068	Montauk	103	36	2018-12-01	5.0	0.0	0.0	0.0	0.0		ES	BAT			
Long Island Power Authority	Glenwood GT 01		K	23712	Glenwood	059	36	1967-04-01	16.0	0.0	0.0	0.0	0.0		GT	F02		0.0	
Long Island Power Authority	Port Jefferson GT 01		K	23713	Port Jefferson	103	36	1966-12-01	16.0	14.1	18.4	0.0	0.0		GT	F02		0.0	
Long Island Power Authority	West Babylon 4		K	23714	West Babylon	103	36	1971-08-01	52.4	0.0	0.0	0.0	0.0		GT	F02		0.0	
Long Island Power Authority	Northport GT		K	23718	Northport	103	36	1967-03-01	16.0	13.8	18.0	0.0	0.0		GT	F02		0.0	
Shoreham Solar Commons LLC	Shoreham Solar		K	323752	East Shoreham	103	36	2018-07-01	25.0	0.0	0.0	0.0	0.0		PV	SUN		0.0	
Table III-2b - Non-Market Totals:									739.9	93.7	116.9	0.0	0.0						1,404.5
Tables III-2a and III-2b Existing Generating Facilities Totals:									43,290.9	39,355.3	42,148.5	37,698.9	39,971.0						130,642.7

Notes for Table III-2

Note	Owner / Operator	Station Unit	Zone	PTID	Description
1	Galt Power Inc.	Morris Ridge Solar	C	323848	New Generator
2	Nextera Energy Marketing, LLC	East Point Solar	F	323840	New Generator
3	Nextera Energy Marketing, LLC	High River Solar	F	323847	New Generator
4	Long Island Power Authority	South Fork Wind	K	323839	New Generator
5	Central Hudson Gas & Electric Corp.	South Cairo	G	23612	Retired on 03/31/2024
6	Consolidated Edison Co. of NY, Inc.	59 St. GT 1	J	24138	Unit no longer subject to NYISO dispatch effective 05/01/2025
7	Calpine Energy Services LP	Stony Brook	K	24151	Behind-the-Meter:Net Generation Resource
8	Emera Energy Services Subsidiary No. 3 LLC	Greenidge 4	C	23583	Behind-the-Meter:Net Generation Resource
9	Northbrook Lyons Falls, LLC	Lyons Falls Hydro	E	23570	Behind-the-Meter:Net Generation Resource
10	RED-Rochester, LLC	Red Rochester	B	323720	Behind-the-Meter:Net Generation Resource
11	World Generation X, LLC	Fortistar - N.Tonawanda	A	323836	Behind-the-Meter:Net Generation Resource
12	Calpine Energy Services LP	KIAC_JFK	J	323774	Behind-the-Meter:Net Generation Resource
A	Various	Generating Units	A-K	Various	Summer/Winter CRIS caps reflect capacity level of the unit that is deemed deliverable. See Definitions of Labels for the Load & Capacity Schedules (Section V) for description.
B	Various	Generating Units	A-K	Various	Summer Capability reflects DMNC values that are applicable to the Summer 2025 ICAP Market. Winter Capability reflects DMNC values that were applicable to the Winter 2024-2025 ICAP Market. DMNC stands for Dependable Maximum Net Generating Capability. These values are generally current as of March 15, 2025; however DMNC values that were validated post March 15, 2025 are included, as appropriate.
C	Various	Generating Units	A-K	Various	Net Energy from resources not directly participating in NYISO markets is obtained directly from the local TO.
D	Various	Generating Units	A-K	Various	Typically, Name Plate refers to a historical rating and may not reflect the most current value.
E	Various	Behind-the-Meter: Net Generation Resource	A-K	Various	Units that are Behind-the-Meter: Net Generation Resources for which Summer and Winter Capability values are Net-ICAP values.
G	Various	Generating Station	A-K	Various	Net Energy reflects Net Energy for the total Generation station's multiple units at the same Point of Interconnection.
I	Various	ICAP Ineligible Generator	A-K	Various	This unit is in an ICAP Ineligible Forced Outage (IIFO) as defined in the MST.
M	Various	Mothballed Generator	A-K	Various	This unit is mothballed or is in a Mothball Outage per MST Section 5.18.
N	Various	New Generator	A-K	Various	Unit(s) added since the publication of the 2024 Load and Capacity Data Report.
P	Oswego Harbor Power, LLC	Oswego 6	C	23613	Unit is permitted to operate up to 245 MW on natural gas under conditions of the facilities NYS DEC Title V Air Permit.
R	Various	Retired Generator	A-K	Various	This unit is retired or Retired as defined in the MST.
S	Various	Dual fuel Generating Units	A-K	Various	Unit listed as dual fuel but has sole capability to operate on a single fuel (i.e., Type 1) during the relevant capability periods
U	Various	Generating Units	A-K	Various	The fuel type selection is not meant to provide any information on current fuel inventories, nor does it indicate which of the fuels might be considered as primary.

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

Generator Type		ZONE										TOTAL
		A	B	C	D	E	F	G	H	I	J	K
Summer Capability Period (MW) ⁽²⁾												
Fossil	Steam Turbine (Oil)	0.0	0.0	820.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	820.5
	Steam Turbine (Oil & Gas)	35.5	16.5	791.7	0.0	0.0	0.0	2,494.1	0.0	0.0	2,792.1	8,472.6
	Steam Turbine (Gas)	0.0	0.0	29.8	0.0	0.0	0.0	364.5	0.0	0.0	1,041.6	1,435.9
	Combined Cycle (Oil & Gas)	378.6	0.0	280.4	79.5	132.5	2,981.8	649.8	0.0	0.0	3,259.8	8,340.0
	Combined Cycle (Gas)	0.0	110.2	996.4	239.4	48.4	0.0	1,021.6	0.0	0.0	0.0	2,491.7
	Jet Engine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	614.0
	Jet Engine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	67.0	0.0	0.0	604.8	882.4
	Jet Engine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.9
	Combustion Turbine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	471.7
	Combustion Turbine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	19.7	0.0	0.0	570.7	933.8
	Combustion Turbine (Gas)	39.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	435.7	647.2
	Internal Combustion (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
	Internal Combustion (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5
	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
Nuclear	Steam (PWR Nuclear)	0.0	578.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	578.8
	Steam (BWR Nuclear)	0.0	0.0	2,747.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,747.1
Renewable ⁽¹⁾	Conventional Hydro	2,439.7	63.8	101.9	914.8	365.3	297.7	81.0	0.0	0.0	0.0	4,264.2
	Internal Combustion (Methane)	18.4	11.2	42.9	6.4	9.6	15.2	0.0	0.0	0.0	0.0	103.7
	Steam Turbine (Refuse)	37.6	0.0	0.0	0.0	0.0	10.4	6.3	53.5	0.0	0.0	230.5
	Land-Based Wind	286.4	0.0	751.4	678.4	737.3	0.0	0.0	0.0	0.0	0.0	2,453.5
	Offshore Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132.0
	Solar	0.0	0.0	219.0	0.0	0.0	300.0	0.0	0.0	0.0	0.0	573.4
Storage ⁽³⁾	Energy Storage	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0
	Pumped Storage Hydro	240.0	0.0	0.0	0.0	0.0	1,170.5	0.0	0.0	0.0	0.0	1,410.5
Totals		3,492.4	780.5	6,781.1	1,918.5	1,293.1	4,775.6	4,704.0	53.5	0.0	8,704.7	37,698.9

(1) - The Renewable Category does not necessarily match the New York State Clean Energy Standard (CES) Definition.

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

(3) - The Energy Storage Category includes Battery and Flywheel fuel types.

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

Generator Type		ZONE											TOTAL
		A	B	C	D	E	F	G	H	I	J	K	
Winter Capability Period (MW) ⁽²⁾													
Fossil	Steam Turbine (Oil)	0.0	0.0	818.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	818.6
	Steam Turbine (Oil & Gas)	39.6	6.6	803.7	0.0	0.0	0.0	2,504.0	0.0	0.0	2,781.8	2,359.2	8,494.9
	Steam Turbine (Gas)	0.0	0.0	24.1	0.0	0.0	0.0	370.0	0.0	0.0	1,044.3	0.0	1,438.4
	Combined Cycle (Oil & Gas)	423.4	0.0	324.3	92.3	154.5	3,516.5	738.6	0.0	0.0	3,731.3	655.2	9,636.1
	Combined Cycle (Gas)	0.0	121.7	1,196.0	272.2	61.3	0.0	1,139.2	0.0	0.0	0.0	76.8	2,867.2
	Jet Engine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	738.7	738.7
	Jet Engine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	82.9	0.0	0.0	632.8	251.1	966.8
	Jet Engine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.6	52.6
	Combustion Turbine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	584.5	584.5
	Combustion Turbine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	25.2	0.0	0.0	735.1	401.0	1,161.3
	Combustion Turbine (Gas)	45.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	445.7	183.6	674.5
	Internal Combustion (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	16.6
	Internal Combustion (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1	16.1
	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
Nuclear	Steam (PWR Nuclear)	0.0	581.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	581.1
	Steam (BWR Nuclear)	0.0	0.0	2,780.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,780.7
Renewable ⁽¹⁾	Conventional Hydro	2,439.7	63.8	101.9	868.8	365.3	296.4	80.2	0.0	0.0	0.0	0.0	4,216.1
	Internal Combustion (Methane)	18.4	11.2	42.9	6.4	9.6	15.2	0.0	0.0	0.0	0.0	0.0	103.7
	Steam Turbine (Refuse)	38.1	0.0	0.0	0.0	0.0	10.2	7.2	53.3	0.0	0.0	124.9	233.7
	Land-Based Wind	286.4	0.0	751.4	678.4	737.3	0.0	0.0	0.0	0.0	0.0	0.0	2,453.5
	Offshore Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132.0	132.0
	Solar	0.0	0.0	219.0	0.0	0.0	300.0	0.0	0.0	0.0	0.0	54.4	573.4
Storage ⁽³⁾	Energy Storage	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
	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
Totals		3,550.8	784.4	7,062.6	1,918.1	1,328.0	5,308.8	4,947.3	53.3	0.0	9,371.0	5,646.7	39,971.0

(1) - The Renewable Category does not necessarily match the New York State Clean Energy Standard (CES) Definition.

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

(3) - The Energy Storage Category includes Battery and Flywheel fuel types.

Table III-3c: Annual Net Energy Generation by Zone and Type – 2024

Generator Type		ZONE											TOTAL
		A	B	C	D	E	F	G	H	I	J	K	
Annual Net Energy Production (GWh) ⁽²⁾													
Fossil	Steam Turbine (Oil)	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0
	Steam Turbine (Oil & Gas)	5.2	3.3	12.6	0.0	0.0	0.0	1,526.7	0.0	0.0	2,235.9	5,027.7	8,811.4
	Steam Turbine (Gas)	0.0	0.0	172.6	0.0	0.0	0.0	14.7	0.0	0.0	1,277.1	0.0	1,464.4
	Combined Cycle (Oil & Gas)	309.1	0.0	216.3	12.2	11.2	13,053.2	5,001.9	0.0	0.0	22,691.4	2,605.7	43,901.0
	Combined Cycle (Gas)	0.0	18.9	6,183.0	175.2	3.7	0.0	4,158.1	0.0	0.0	0.0	262.4	10,801.3
	Jet Engine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	55.0
	Jet Engine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	590.5	124.5	715.8
	Jet Engine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5	42.5
	Combustion Turbine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	11.2	11.7
	Combustion Turbine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	51.5	610.5	662.4
	Combustion Turbine (Gas)	28.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	591.2	185.5	805.0
	Internal Combustion (Oil)	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 (Oil & 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
	Internal Combustion (Gas)	0.0	0.1	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.5
Nuclear	Steam (PWR Nuclear)	0.0	4,799.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,799.1
	Steam (BWR Nuclear)	0.0	0.0	22,273.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22,273.9
Renewable ⁽¹⁾	Conventional Hydro	15,594.8	24.5	441.9	7,602.2	2,121.6	1,958.6	192.2	0.0	0.0	0.0	0.0	27,935.8
	Internal Combustion (Methane)	53.1	28.0	90.6	47.8	39.0	64.8	0.0	0.0	0.0	0.0	0.0	323.3
	Steam Turbine (Refuse)	261.6	0.0	210.6	0.0	0.0	67.4	0.0	397.7	0.0	0.0	969.7	1,907.0
	Land-Based Wind	958.0	0.0	1,782.8	1,217.2	1,863.4	0.0	0.0	0.0	0.0	0.0	0.0	5,821.4
	Offshore Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	190.9	190.9
	Solar	0.0	0.0	63.8	0.0	0.0	346.2	0.0	0.0	0.0	0.0	93.2	503.2
Storage ⁽³⁾	Energy Storage	-7.6	0.0	0.0	-1.2	0.0	-9.2	-0.2	0.0	0.0	0.0	0.0	-18.2
	Pumped Storage Hydro	-238.4	0.0	0.0	0.0	0.0	-152.1	0.0	0.0	0.0	0.0	0.0	-390.5
Totals		16,964.1	4,873.9	31,471.1	9,053.4	4,040.3	15,328.9	10,895.1	397.7	0.0	27,437.6	10,180.6	130,642.7

(1) - The Renewable Category does not necessarily match the New York State Clean Energy Standard (CES) Definition.

(2) - Values are from the 2024 Net Energy column in Table III-2a and Table III-2b.

(3) - The Energy Storage Category includes Battery and Flywheel fuel types.

Table III-3d: Scheduled Real-Time Transactions by Control Area and Proxy Bus (GWh) – 2024

Control Area	Proxy Bus Name	Imports	Exports	Net Imports	Wheels-In	Wheels-Out
HQ	Cedars	225	45	180	0	0
HQ	Chateaugay	1,674	3,571	-1,897	350	0
IESO	Bruce	6,473	234	6,239	46	16
ISO-NE	1385 Line	448	372	76	0	0
ISO-NE	Cross Sound Cable	1,554	0	1,554	0	0
ISO-NE	Sandy Pond	6,878	12,410	-5,532	10	350
PJM	HTP	3,375	0	3,375	0	0
PJM	Keystone	10,221	1,513	8,708	16	56
PJM	Linden VFT	2,524	3	2,521	0	0
PJM	Neptune	5,413	0	5,413	0	0
	NYCA Total	38,785	18,148	20,637	422	422

Note: The Net Imports column is defined as Imports minus Exports, without consideration for Wheels-In and Wheels-Out.
Wheel-through transactions balance on a NYCA-system basis.

Figure III-1: 2024 NYCA Energy Production by Zone

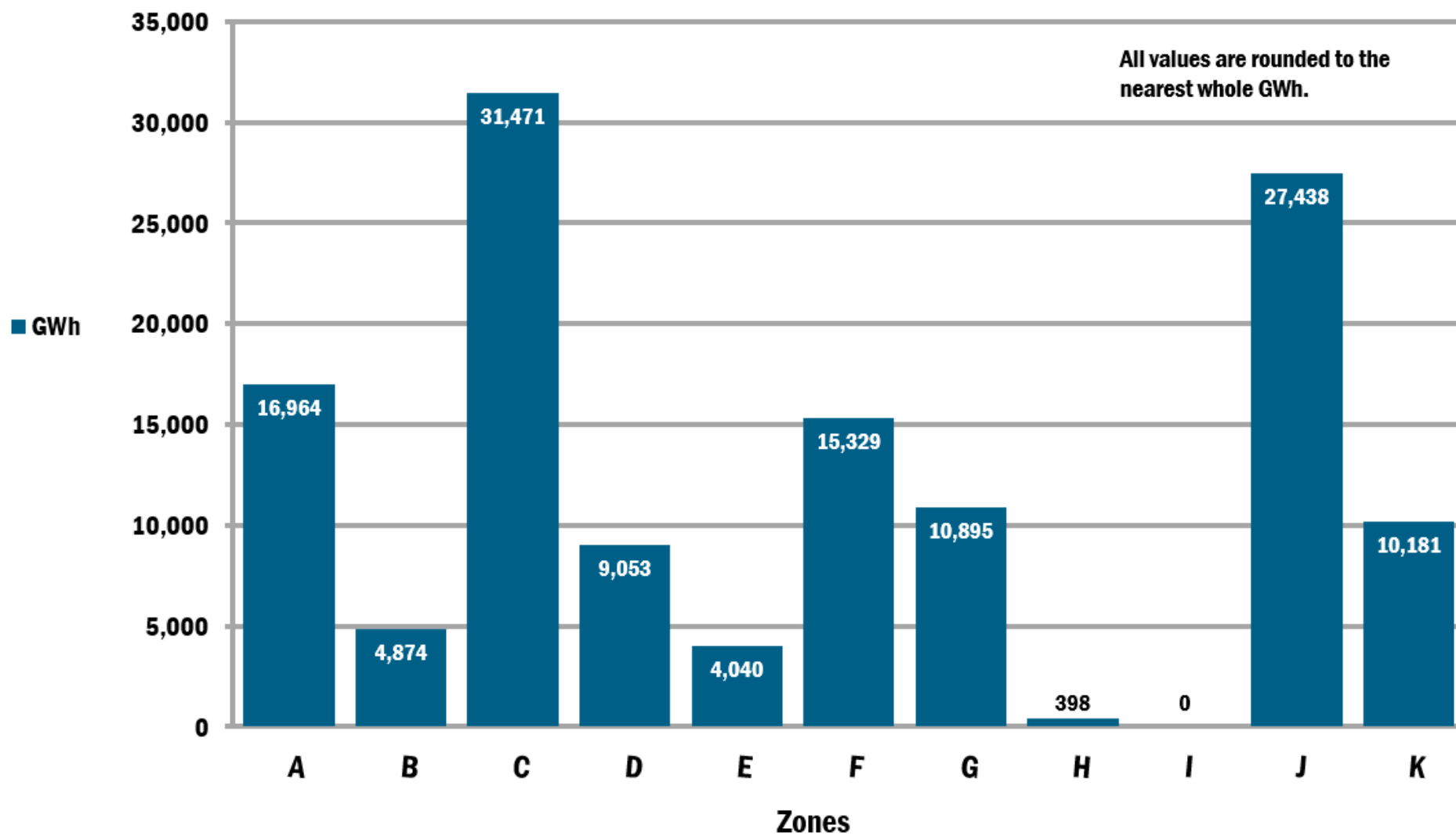
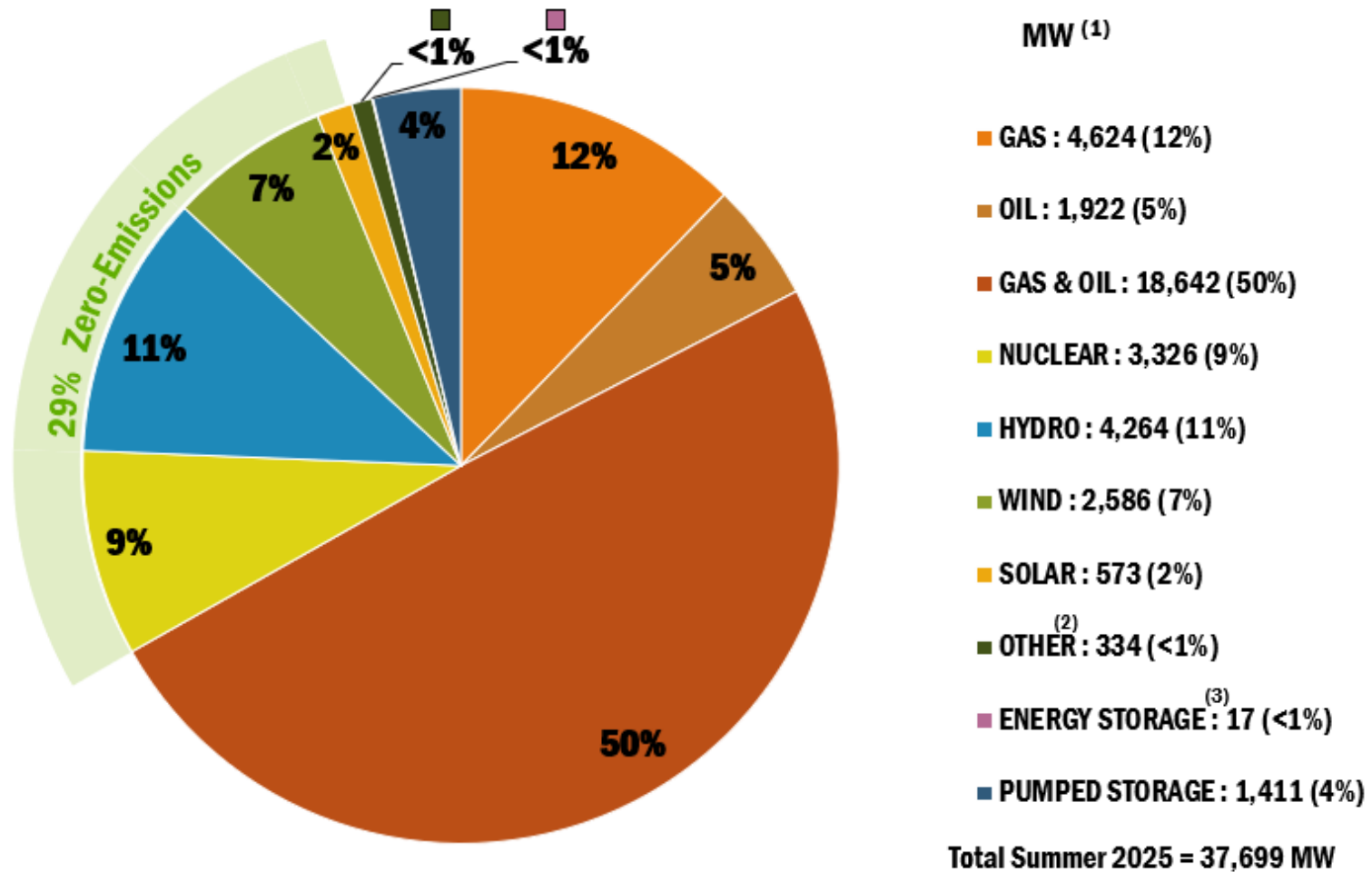


Figure III-2: Existing NYCA Summer Capability by Fuel Type



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

(2) Includes Methane & Refuse

(3) Energy Storage includes Flywheel and Battery Storage

Figure III-3: 2024 NYCA Energy Production by Fuel Type

Renewable Resources ⁽³⁾

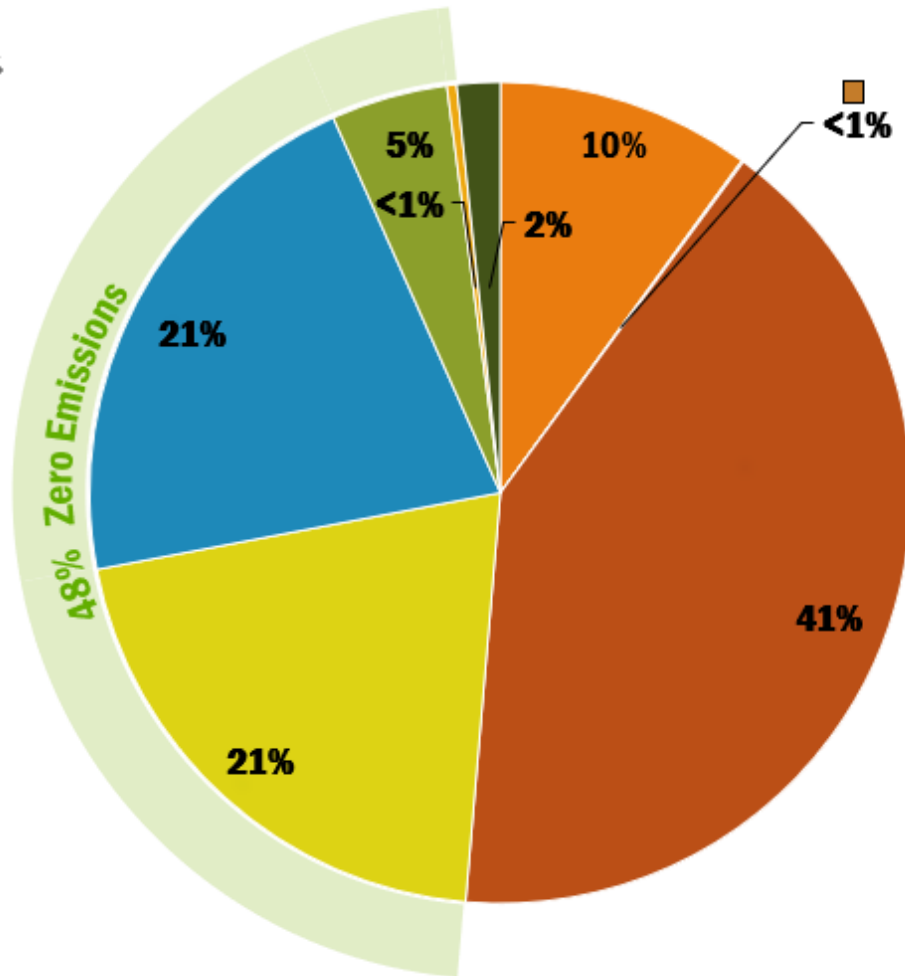
Conventional Hydro 21%

Wind 5%

Solar <1%

Other 2%

Total 28%



GWh ⁽¹⁾

■ GAS : 13,115 (10%)

■ OIL : 92 (<1%)

■ GAS & OIL : 54,091 (41%)

■ NUCLEAR : 27,073 (21%)

■ HYDRO : 27,936 (21%)

■ WIND : 6,012 (5%)

■ SOLAR : 503 (<1%)

■ OTHER⁽²⁾ : 2,230 (2%)

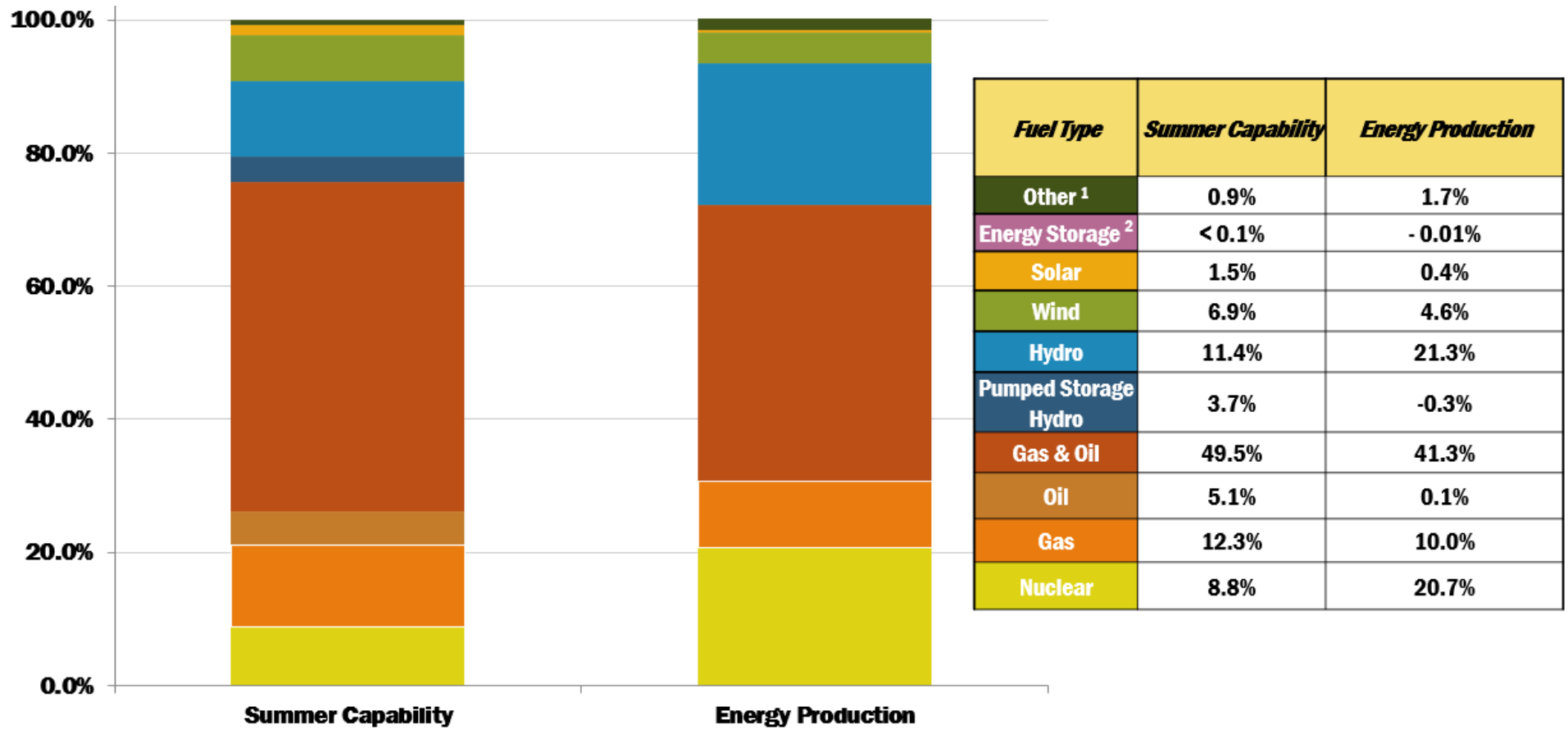
Total 2024 ⁽¹⁾ = 131,052 GWh

(1) Only includes fuel types with positive net energy and are rounded to the nearest whole GWh

(2) Includes Methane & Refuse

(3) Renewable Resources do not necessarily match the NYS Clean Energy Standard (CES) definition.

Figure III-4: 2024 NYCA Energy Production and Summer Capability by Fuel Type

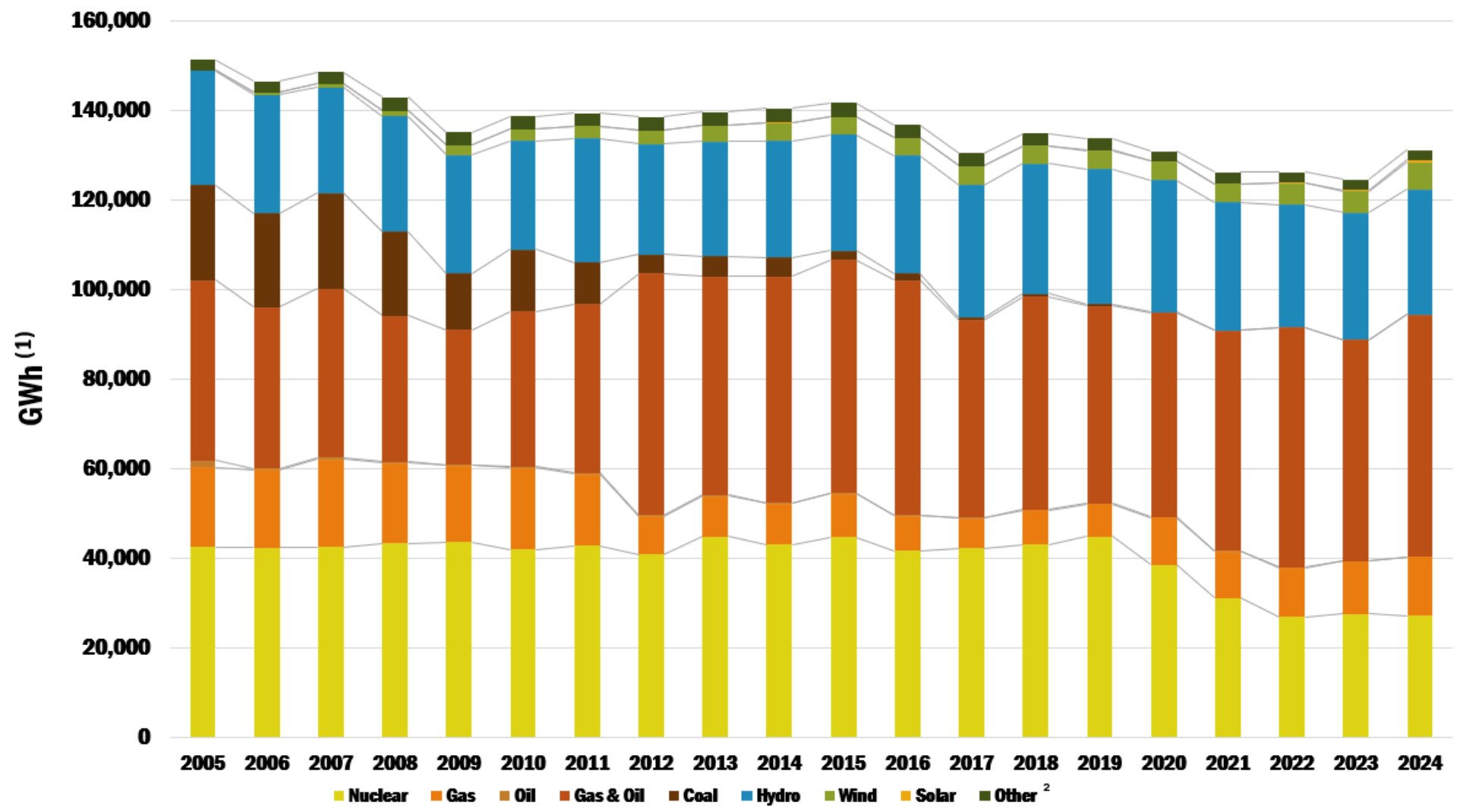


(1) Other Includes Methane & Refuse

(2) Energy Storage includes Flywheel and Battery Storage

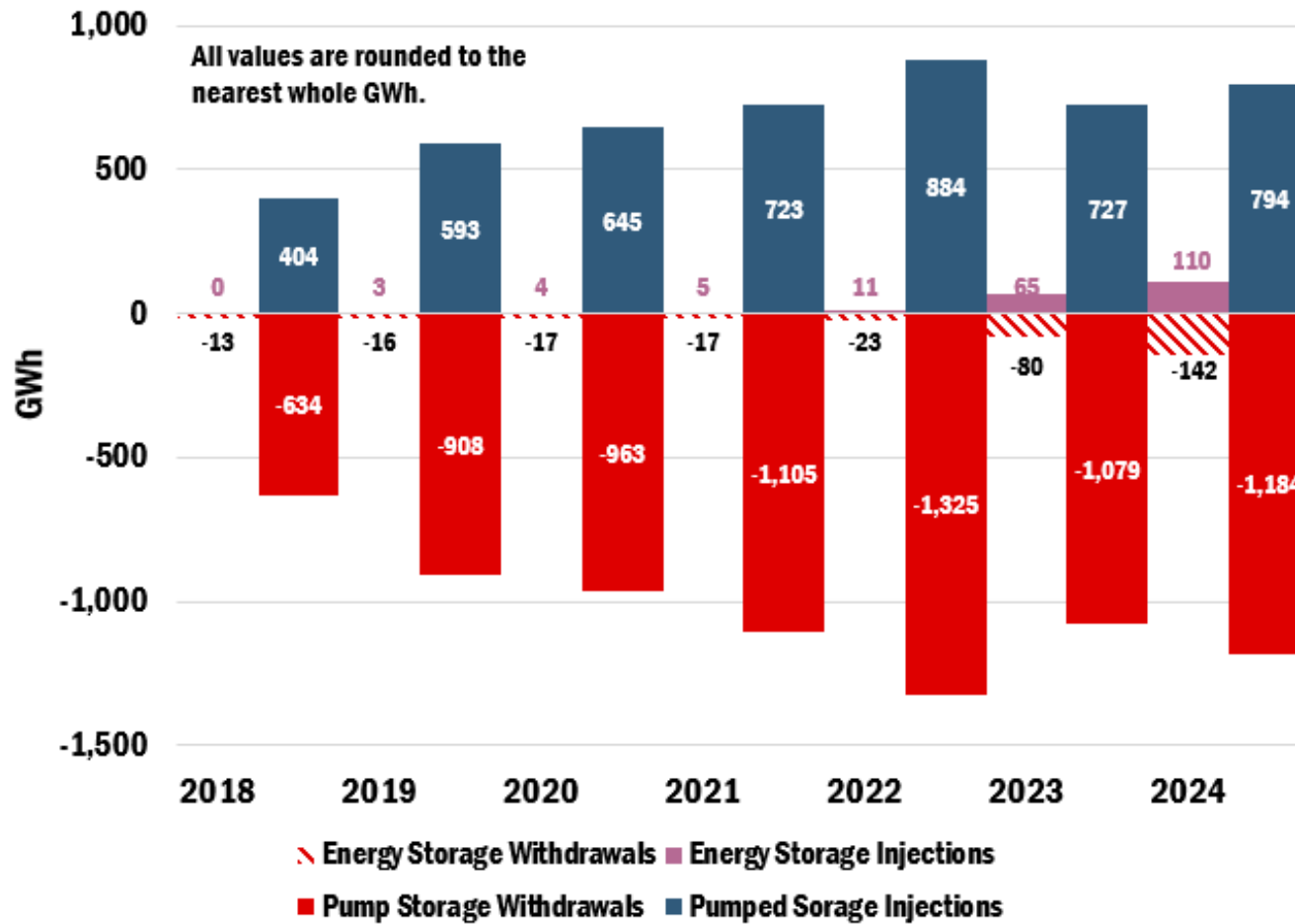
(3) Storage resources that have negative net energy are excluded from energy production bar chart.

Figure III-5a: Historical Energy Production by Fuel Type



1) Only includes fuel types with positive net energy
2) Other Includes Methane & Refuse

Figure III-5b: Historical Storage Withdrawals and Injections



- 1) Withdrawals from the grid, injections into the grid
- 2) Energy Storage includes Flywheel and Battery Storage

Figure III-6a: NYCA Wind Resources – Historical Installed Nameplate Capacity

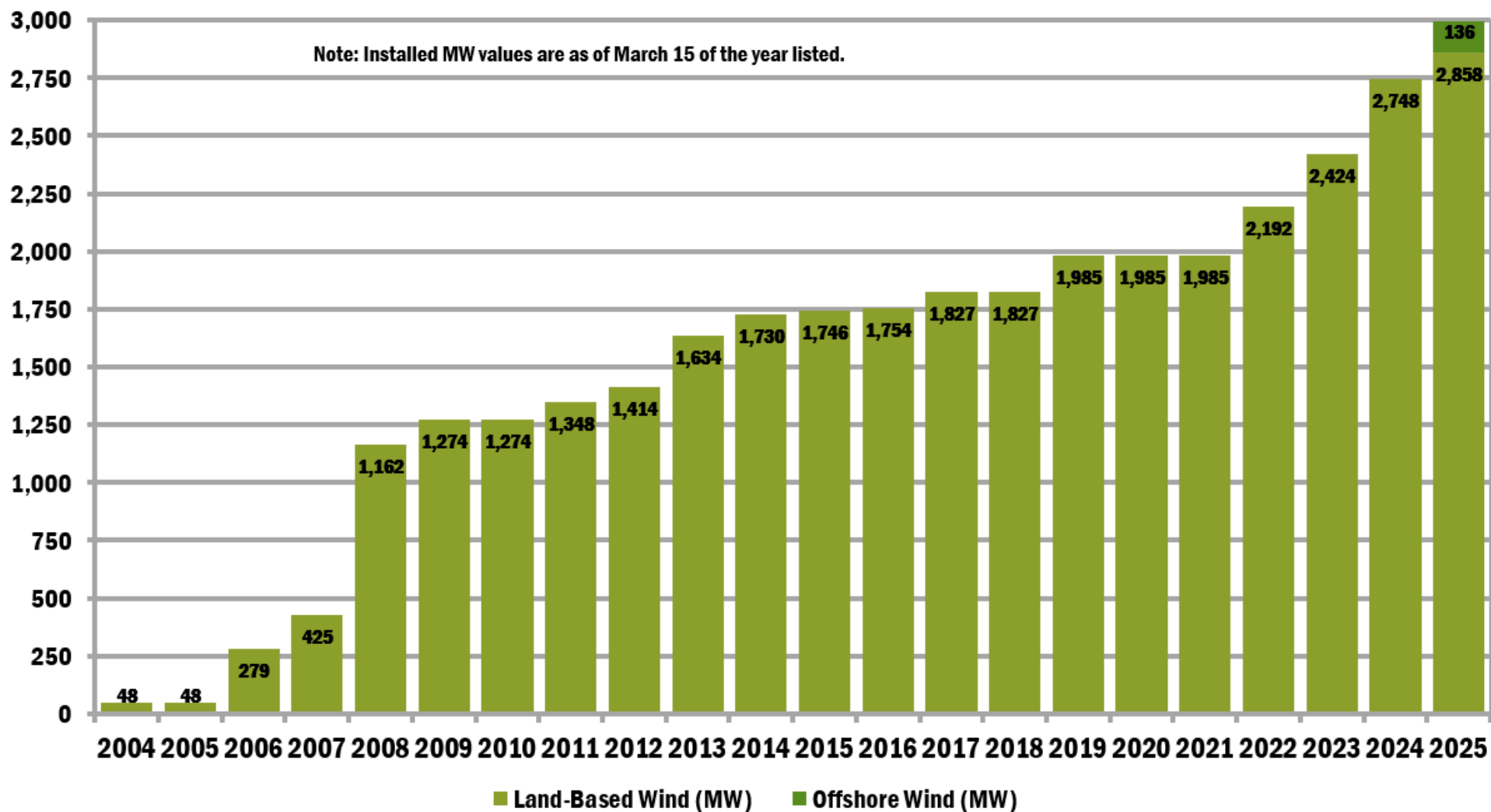
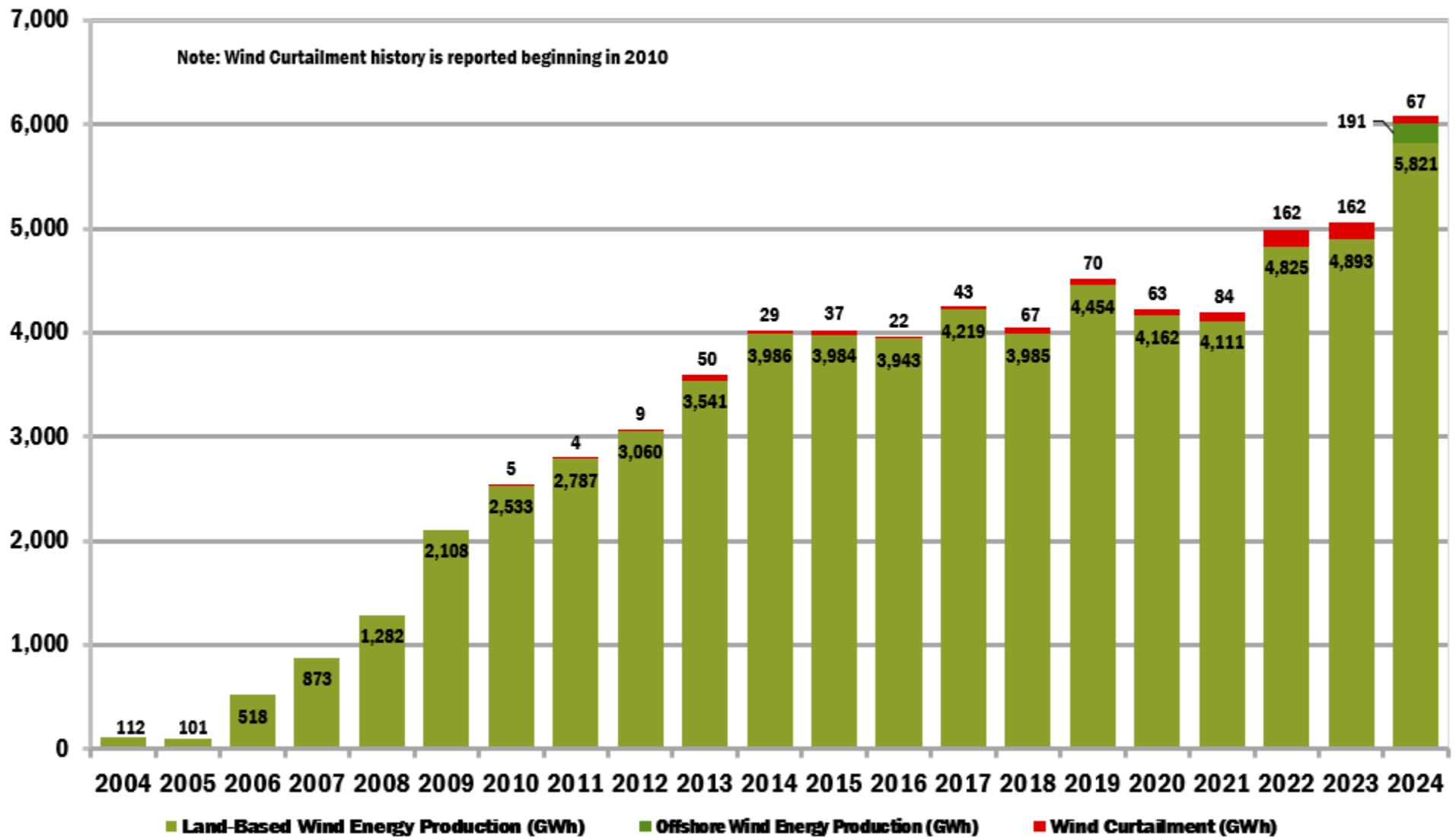


Figure III-6b: NYCA Wind Resources – Historical Energy Production and Curtailment



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Section IV

Changes in Generating Capacity

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Section IV

This section reports proposed projects in the Interconnection Facilities Study stage of the NYISO interconnection process, together with re-ratings, and deactivations.

Table IV-1a shows proposed generator additions and CRIS requests. Table IV-1b lists Transition Cluster Study participants. Table IV-2 reports units that have proposed re-ratings (no applicable re-ratings for this *Gold Book*).

Tables IV-3, IV-4, and IV-5 list deactivated resources. 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 2024 *Gold Book*. Table IV-5 lists units that have provided a notice of deactivation at some future date.

Table IV-6 lists potential generator status changes to comply with New York State rules and climate policy. These include status changes of simple-cycle combustion turbines to comply with the DEC Peaker Rule, and NYPA small plants which are scheduled to deactivate.

Table IV-7 provides information on proposed load projects listed in the NYISO Interconnection Queue.

These tables are current through March 15, 2025. Monthly updates to this information are available in the *Generator Status Updates* folder on the *NY Power System Information & Outlook* page:

<https://www.nyiso.com/ny-power-system-information-outlook>.

Table IV-1a: Proposed Generator Additions & CRIS Requests, as of March 15, 2025

QUEUE POS.	DEVELOPER	PROJECT NAME	ZONE	Proposed Date ⁶ (M-YY)	NAMEPLATE RATING (MW)	SUMMER CRIS (MW)	WINTER CRIS (MW)	SUMMER ERIS (MW)	WINTER ERIS (MW)	PROJECT TYPE	CLASS YEAR	Minimum Duration Full Discharge	NOTES
Completed Facilities Study													
276	Homer Solar Energy Center LLC	Homer Solar Energy Center	C	Apr-26	90.0	90.0	90.0	90.0	90.0	Solar	2019		(2)
495	Mohawk Solar LLC	Mohawk Solar	F	Nov-27	90.5	90.5	90.5	90.5	90.5	Solar	2019		(2)
519	Canisteo Wind Energy LLC	Canisteo Wind	C	Dec-27	289.8	290.7	290.7	289.8	289.8	Land-Based Wind	2019		(2)
521	Bull Run Energy LLC	Bull Run II Wind	D	Dec-26	449.0	449.0	449.0	449.0	449.0	Land-Based Wind	2021		(2)
522	NYC Energy LLC	NYC Energy	J	Jun-27	79.9	79.9	79.9	79.9	79.9	Energy Storage	2023	4	(2)
535	Riverhead Solar 2, LLC	Riverhead Solar 2	K	Jan-27	36.0	36.0	36.0	36.0	36.0	Solar	2019		(2)
545	Sky High Solar LLC	Sky High Solar	C	Jun-25	20.0	20.0	20.0	20.0	20.0	Solar			(2) (10)
564	Rock District Solar, LLC	Rock District Solar	F	Feb-27	20.0	20.0	20.0	20.0	20.0	Solar			(2) (7)
565	Tayandeneaga Solar, LLC	Tayandeneaga Solar	F	Feb-27	20.0	20.0	20.0	20.0	20.0	Solar			(2) (7)
571	Heritage Wind, LLC	Heritage Wind	B	Sep-26	200.1	200.1	200.1	200.1	200.1	Land-Based Wind	2021		(2)
572	Hecate Energy Greene 1 LLC	Greene County 1	G	May-25	20.0	20.0	20.0	20.0	20.0	Solar			(2) (7)
573	Hecate Energy Greene 2 LLC	Greene County 2	G	May-25	10.0	10.0	10.0	10.0	10.0	Solar			(2) (7)
575	Little Pond Solar, LLC	Little Pond Solar	G	Sep-27	20.0	20.0	20.0	20.0	20.0	Solar			(2) (7)
581	SunEast Hills Solar LLC	Hills Solar	E	Dec-26	20.0	20.0	20.0	20.0	20.0	Solar			(2) (8)
584	SunEast Dog Corners Solar LLC	Dog Corners Solar	C	Apr-26	20.0	20.0	20.0	20.0	20.0	Solar			(2) (8)
586	SunEast Watkins Road Solar LLC	Watkins Rd Solar	E	Jul-26	20.0	20.0	20.0	20.0	20.0	Solar			(2) (8)
590	SunEast Scipio Solar LLC.	Scipio Solar	C	Dec-26	18.0	18.0	18.0	18.0	18.0	Solar			(2) (15)
591	SunEast Highview Solar LLC	Highview Solar	C	Feb-25	20.0	20.0	20.0	20.0	20.0	Solar	2019		(2)
592	SunEast Niagara Solar LLC	Niagara Solar	B	Dec-26	20.0	20.0	20.0	20.0	20.0	Solar			(2) (15)
596	Alle-Catt Wind Energy LLC	Alle Catt II Wind	A	Dec-26	339.1	339.1	339.1	339.1	339.1	Land-Based Wind	2019		(2)
617	Watkins Glen Solar Energy Center, LLC	Watkins Glen Solar	C	Apr-28	54.0	50.0	50.0	50.0	50.0	Solar	2019		(2)
620	North Side Energy Center, LLC	North Side Solar	D	Apr-28	180.0	180.0	180.0	180.0	180.0	Solar	2019		(2)
637	Flint Mine Solar LLC	Flint Mine Solar	G	May-26	100.0	100.0	100.0	100.0	100.0	Solar	2019		(2)
644	Hecate Energy Columbia County 1, LLC	Columbia County 1	F	Feb-27	60.0	60.0	60.0	60.0	60.0	Solar	2019		(2)
670	SunEast Skyline Solar LLC	SunEast Skyline Solar LLC	E	Apr-28	20.0	20.0	20.0	20.0	20.0	Solar			(2) (8)
683	KCE NY 2, LLC	KCE NY 2	G	Jun-27	200.0	200.0	200.0	200.0	200.0	Energy Storage	2019	4	(2) (13)
704	Bear Ridge Solar, LLC	Bear Ridge Solar	A	Apr-27	100.0	100.0	100.0	100.0	100.0	Solar	2019		(2)
706	High Bridge Wind, LLC	High Bridge Wind	E	Nov-26	100.8	100.8	100.8	100.8	100.8	Land-Based Wind	2019		(2)
710	Horseshoe Solar Energy LLC	Horseshoe Solar	B	May-28	180.0	180.0	180.0	180.0	180.0	Solar	2021		(2)
716	EDF Renewables Development, Inc.	Moraine Solar Energy Center	C	Oct-27	93.5	93.5	93.5	93.5	93.5	Solar	2023		(2)
720	Trelina Solar Energy Center, LLC	Trelina Solar Energy Center	C	Apr-28	86.8	80.0	80.0	79.8	79.8	Solar	2019		(2)
721	Excelsior Energy Center, LLC	Excelsior Energy Center	B	Nov-26	280.0	280.0	280.0	280.0	280.0	Solar	2019		(2)
734	ELP Ticonderoga Solar, LLC	Ticonderoga Solar	F	Dec-26	20.0	20.0	20.0	20.0	20.0	Solar			(2) (7)
737	Empire Offshore Wind LLC	Empire Wind 1	J	Dec-26	816.0	816.0	816.0	816.0	816.0	Offshore Wind	2019		(2)
744	Mitchell Energy Facility, LLC	Magruder Solar	G	Apr-28	20.0	20.0	20.0	20.0	20.0	Solar			(2) (9)
766	Sunrise Wind LLC	Sunrise Wind	K	Mar-26	1,085.7	880.0	880.0	880.0	880.0	Offshore Wind	2021		(2)
774	EDF Renewables Development, Inc.	Tracy Solar Energy Centre	E	Nov-28	119.0	119.0	119.0	119.0	119.0	Solar	2023		(2)
777	White Creek Solar, LLC	White Creek Solar	B	Nov-27	135.0	135.0	135.0	135.0	135.0	Solar	2023		(2)
783	ConnectGen Chautauqua County LLC	South Ripley Solar and BESS	A	Dec-27	270.0	270.0	270.0	270.0	270.0	Solar+Energy Storage	2021	4	(2) (14)
787	Levy Grid, LLC	Levy Grid, LLC	A	Aug-25	150.0	150.0	150.0	150.0	150.0	Energy Storage	2021	2	(2)
800	EDF Renewables Development, Inc.	Rich Road Solar Energy Center	E	Apr-28	240.0	240.0	240.0	240.0	240.0	Solar+Energy Storage	2023	4	(2) (4)
801	Prattsburgh Wind, LLC	Prattsburgh Wind Farm	C	Sep-27	147.0	147.0	147.0	147.0	147.0	Land-Based Wind	2021		(2)
804	KCE NY 10, LLC	KCE NY 10	A	Oct-26	20.0	20.0	20.0	20.0	20.0	Energy Storage		4	(2) (16)
805	Oxbow Hill Solar, LLC	Oxbow Hill Solar	C	Dec-26	140.0	140.0	140.0	140.0	140.0	Solar	2021		(2)
807	SunEast Hilltop Solar LLC	Hilltop Solar	F	May-28	20.0	20.0	20.0	20.0	20.0	Solar			(2) (9)
811	Hecate Energy Cider Solar LLC	Cider Solar	B	Jan-27	500.0	500.0	500.0	500.0	500.0	Solar	2021		(2)
815	Bayonne Energy Center	Bayonne Energy Center III	J	Sep-26	49.8	49.8	49.8	49.8	49.8	Energy Storage	2021	4	(2)
827	GB Arthur Kill Storage LLC	Arthur Kill Energy Storage 1	J	Sep-25	15.0	15.0	15.0	15.0	15.0	Energy Storage		4	(2) (13)

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

QUEUE POS.	DEVELOPER	PROJECT NAME	ZONE	Proposed Date ⁶ (M-YY)	NAMEPLATE RATING (MW)	SUMMER CRIS (MW)	WINTER CRIS (MW)	SUMMER ERIS (MW)	WINTER ERIS (MW)	PROJECT TYPE	CLASS YEAR	Minimum Duration Full Discharge	NOTES
828	SunEast Valley Solar LLC	Valley Solar	C	Nov-24	20.0	20.0	20.0	20.0	20.0	Solar			(2) (9)
832	Granada Solar, LLC	CS Hawthorn Solar	F	Dec-26	20.0	20.0	20.0	20.0	20.0	Solar			(2) (10)
833	Dolan Solar, LLC	Dolan Solar	F	Dec-26	20.0	20.0	20.0	20.0	20.0	Solar			(2) (10)
834	Astoria Generating Company, LP	Luyster Creek Energy Storage 2	J	May-27	97.0	79.0	79.0	79.0	79.0	Energy Storage	2023	4	(2)
835	Astoria Generating Company, LP	Luyster Creek Energy Storage 1	J	Jan-27	59.1	56.3	56.3	56.3	57.3	Energy Storage	2021	4	(2)
843	Sandy Creek Solar LLC	NY37 Solar	E	Dec-26	20.0	N/A	N/A	20.0	20.0	Solar			(2)
848	SunEast Fairway Solar LLC	Fairway Solar	E	Mar-25	20.0	20.0	20.0	20.0	20.0	Solar			(2) (9)
855	Bald Mountain Solar LLC	NY 13 Solar	F	Jun-25	20.0	20.0	20.0	20.0	20.0	Solar			(2) (9)
863	Highbanks Solar LLC	Highbanks Solar	B	Feb-26	20.0	20.0	20.0	20.0	20.0	Solar			(2) (11)
864	Greens Corners Solar LLC	NY38 Solar	E	Dec-26	120.0	120.0	120.0	120.0	120.0	Solar	2021		(2)
865	SunEast Flat Hill Solar LLC	Flat Hill Solar	E	Dec-25	20.0	20.0	20.0	20.0	20.0	Solar			(2) (10)
880	Brookside Solar, LLC	Brookside Solar	D	May-28	100.0	100.0	100.0	100.0	100.0	Solar	2023		(2)
882	Riverside Solar, LLC	Riverside Solar	E	Dec-27	100.0	100.0	100.0	100.0	100.0	Solar	2023		(2)
883	Garnet Energy Center, LLC	Garnet Energy Center	B	Apr-28	200.0	200.0	200.0	200.0	200.0	Solar	2021		(2)
885	SunEast Grassy Knoll Solar LLC	Grassy Knoll Solar	E	Dec-25	20.0	20.0	20.0	20.0	20.0	Solar			(2) (10)
907	Harlem River ESS, LLC	Harlem River Yard	J	Jan-28	100.0	79.9	79.9	79.9	79.9	Energy Storage	2021	4	(2)
930	Astoria Generating Company, LP	Astoria BES to 27kV North Queens	J	Dec-25	15.0	0.0	0.0	15.0	15.0	Energy Storage		4	(2) (15)
931	East River ESS, LLC	Astoria Energy Storage	J	Mar-26	106.7	100.0	100.0	100.0	100.0	Energy Storage	2021	4	(2)
932	Hatchery Solar LLC	Hatchery Solar	B	May-25	20.0	20.0	20.0	20.0	20.0	Solar			(2) (15)
950	Hemlock Ridge Solar LLC	Hemlock Ridge Solar	B	May-27	200.0	200.0	200.0	200.0	200.0	Solar	2023		(2)
953	Sugar Maple Solar, LLC	Sugar Maple Solar	E	Dec-27	127.0	125.0	125.0	125.0	125.0	Solar	2023		(2)
956	Holtsville Energy Storage, LLC	Holtsville 138kV Energy Storage	K	Sep-26	300.9	110.0	110.0	110.0	110.0	Energy Storage	2021	8	(2)
967	KCE NY 5 LLC	KCE NY 5	G	Dec-27	94.0	94.0	94.0	94.0	94.0	Energy Storage	2023	4	(2)
971	Savion, LLC	East Setauket Energy Storage	K	Apr-27	126.8	54.5	54.5	125.0	125.0	Energy Storage	2023	8	(2)
987	Sunrise Wind LLC	Sunrise Wind II	K	Mar-26	966.0	44.0	44.0	44.0	44.0	Offshore Wind	2021		(2) (12)
995	Alabama Solar Park LLC	Alabama Solar Park LLC	B	Oct-28	132.4	130.0	130.0	130.0	130.0	Solar	2023		(2)
1000	SED NY Holdings LLC	SunEast Flat Stone Solar LLC	E	Nov-26	20.0	20.0	20.0	20.0	20.0	Solar			(2) (15)
1003	Clear View LLC	Clear View Solar	C	Dec-25	20.0	20.0	20.0	20.0	20.0	Solar			(2) (11)
1007	NYC Energy	NYC Energy LLC - Phase 2	J	Jun-27	220.1	220.1	220.1	220.1	220.1	Energy Storage	2023	4	(2)
1009	Granada Solar, LLC	Yellow Barn Solar	C	Dec-25	160.0	160.0	160.0	160.0	160.0	Solar	2023		(2)
1015	Granada Solar, LLC	Somers Solar, LLC	F	Dec-26	20.0	N/A	N/A	20.0	20.0	Solar			(5)
1031	ConnectGen Montgomery County LLC	Mill Point Solar	E	Dec-28	250.0	250.0	250.0	250.0	250.0	Solar+Energy Storage	2023	4	(2) (5)
1039	SED NY Holdings LLC	Morris Solar	E	Dec-25	20.0	0.0	0.0	20.0	20.0	Solar			(2) (15)
1047	SED NY Holdings LLC	Millers Grove Solar	E	Dec-26	20.0	20.0	20.0	20.0	20.0	Solar			(2) (15)
1051	SED NY Holdings LLC	Transit Solar	B	Dec-25	20.0	20.0	20.0	20.0	20.0	Solar			(2) (15)
1079	sPower Development Company, LLC	Somerset Solar	A	Mar-27	200.0	125.0	125.0	125.0	125.0	Solar	2023		(2)
1080	Mineral Basin Solar Power, LLC	Mineral Basin Solar Power	C	May-28	450.9	401.6	401.6	401.6	401.6	Solar	2023		(2)
1089	SED NY Holding LLC	Flat Creek Solar	F	Nov-28	200.0	200.0	200.0	200.0	200.0	Solar	2023		(2)
1113	Caithness LI Energy Storage, LLC	CLIES 20 MW	K	Dec-27	20.0	20.0	20.0	20.0	20.0	Energy Storage		6	(2) (3)
1115	SED NY Holdings LLC	Flat Creek Solar 2	F	Nov-28	100.0	100.0	100.0	100.0	100.0	Solar	2023		(2)
1117	Caithness LI Energy Storage, LLC	CLIES 70MW	K	Dec-27	70.0	30.4	30.4	70.0	70.0	Energy Storage	2023	6	(2)
1122	Microgrid Networks, LLC	East Fishkill	G	Nov-28	252.0	205.0	205.0	205.0	205.0	Energy Storage	2023	4	(2)
1123	KCE NY 29, LLC	KCE NY 29	K	Oct-27	150.0	150.0	150.0	150.0	150.0	Energy Storage	2023	4	(2)
1130	Liberty Renewables Inc.	Hoffman Falls Wind	C	Dec-27	72.0	72.0	72.0	72.0	72.0	Land-Based Wind	2023		(2)
1148	Liberty Renewables Inc.	Agricola Wind	C	Dec-27	99.0	97.0	97.0	97.0	97.0	Land-Based Wind	2023		(2)
1151	York Run Solar, LLC	York Run Solar	A	Aug-26	93.0	90.0	90.0	90.0	90.0	Solar	2023		(2)
1166	BR Project 1 LLC	BR Benson Mines Solar	E	Oct-26	12.1	N/A	N/A	12.1	12.1	Solar			(2)
1183	Fort Covington Solar LLC	NY125A- Fort Covington Solar	D	Aug-27	250.0	250.0	250.0	250.0	250.0	Solar	2023		(2)
1184	Boralex US Development LLC	NY125B- Two Rivers Solar	D	Aug-27	200.0	200.0	200.0	200.0	200.0	Solar	2023		(2)
1188	North Seneca Solar Project LLC	North Seneca Solar Project, LLC	C	Sep-27	115.2	105.0	105.0	105.0	105.0	Solar	2023		(2)

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

QUEUE POS.	DEVELOPER	PROJECT NAME	ZONE	Proposed Date ⁶ (M-YY)	NAMEPLATE RATING (MW)	SUMMER CRIS (MW)	WINTER CRIS (MW)	SUMMER ERIS (MW)	WINTER ERIS (MW)	PROJECT TYPE	CLASS YEAR	Minimum Duration Full Discharge	NOTES
1237	Sugar Maple Solar	Sugar Maple Energy Storage	E	Dec-26	20.0	N/A	N/A	20.0	20.0	Energy Storage		4	(2)
1254	Barrett Hempstead Battery Storage LLC	Barrett Hempstead Battery Storage	K	Mar-26	41.4	40.0	40.0	40.0	40.0	Energy Storage	2023	2	(2)
1255	Holtville Brookhaven Battery Storage LLC	Holtville Brookhaven Battery Storage	K	Mar-26	82.8	39.9	39.9	79.9	79.9	Energy Storage	2023	2	(2)
1257	Edwards Calverton Battery Storage LLC	Edwards Calverton Battery Storage	K	Mar-26	62.1	26.5	26.5	60.0	60.0	Energy Storage	2023	2	(2)
1329	ELP Granby Solar II LLC	ELP Granby Solar II	C	Dec-26	20.0	20.0	20.0	20.0	20.0	Solar+Energy Storage		4	(2) (16) (17)
Completed CRIS Requests													
94	Atlantic Energy, LLC	Neptune DC PJM-LI	K	I/S	660.0	660.0	660.0	N/A	N/A	Class Year Transmission Project	2003-05		(1)
125	East Coast Power, LLC	Linden VFT Inter-Tie	J	I/S	315.0	315.0	315.0	N/A	N/A	Class Year Transmission Project	2006		(1)
N/A	HQUS	Chateaugay	D	I/S	N/A	20.0	20.0	N/A	N/A		2015		(1)
430	HQUS	Cedar Rapids Transmission Upgrade	D	I/S	N/A	80.0	80.0	N/A	N/A		2017		(1)
N/A	Energy Storage Resources, LLC	Eagle Energy Storage	J	N/A	N/A	20.0	20.0	N/A	N/A	Energy Storage	2019		
N/A	Hannacroix Solar Facility, LLC	Hannacroix Solar	G	N/A	N/A	5.0	5.0	N/A	N/A	Solar	2019		
N/A	RWE Solar Development, LLC	Cuddebackville Battery	G	N/A	N/A	10.0	10.0	N/A	N/A	Energy Storage	2019		
N/A	RWE Solar Development, LLC	Monsey 44-2	G	N/A	N/A	5.0	5.0	N/A	N/A	Energy Storage	2019		
N/A	RWE Solar Development, LLC	Monsey 44-3	G	N/A	N/A	5.0	5.0	N/A	N/A	Energy Storage	2019		
N/A	RWE Solar Development, LLC	Monsey 44-6	G	N/A	N/A	5.0	5.0	N/A	N/A	Energy Storage	2019		
N/A	Strata Storage, LLC	Cleancar Energy Storage	J	N/A	N/A	15.0	15.0	N/A	N/A	Energy Storage	2019		
N/A	Strata Storage, LLC	Groundvault Energy Storage	J	N/A	N/A	12.5	12.5	N/A	N/A	Energy Storage	2019		
N/A	Strata Storage, LLC	Stillwell Energy Storage	J	N/A	N/A	10.0	10.0	N/A	N/A	Energy Storage	2019		
N/A	Yonkers Grid, LLC	Yonkers Grid	J	N/A	N/A	20.0	20.0	N/A	N/A	Energy Storage	2019		
631	CHPE LLC	NS Power Express	J	May-26	1,250.0	1,000.0	1,000.0	N/A	N/A	Class Year Transmission Project	2021		
887	CHPE LLC	CH Uprate	J	May-26	1,250.0	250.0	250.0	N/A	N/A	Class Year Transmission Project	2021		
1288	Clean Path New York LLC	CPNY-X	J	Dec-28	1,300.0	1,300.0	1,300.0	N/A	N/A	Class Year Transmission Project	2023		
N/A	West Babylon Energy Storage, LLC	West Babylon Energy Storage	K	Aug-25	12.5	9.9	9.9	N/A	N/A	Energy Storage	2023		(3)
N/A	Port Jefferson Energy Storage, LLC	Port Jefferson Energy Storage	K	N/A	N/A	9.9	9.9	N/A	N/A	Energy Storage			(9)
N/A	Suffolk County Energy Storage, LLC	Suffolk County Energy Storage	K	N/A	N/A	9.9	9.9	N/A	N/A	Energy Storage			(9)
N/A	Erie Wind, LLC	Erie Wind - PTID 323693	A	I/S	15.0	15.0	15.0	N/A	N/A	Land-Based Wind			(1) (15)
N/A	Hudson Transmission Partners, LLC	Hudson Transmisson	J	I/S	660.0	85.0	85.0	N/A	N/A	Class Year Transmission Project			(1) (16) (18)
N/A	KCE NY 14, LLC	KCE NY 14, LLC	G	Dec-27	21.1	20.0	20.0	N/A	N/A	Energy Storage			(16)
N/A	New Athens Generating Company LLC	Athens 1, 2, and 3	F	I/S	1,323.0	47.0	36.4	N/A	N/A	Combined Cycle			(1) (16) (19)
N/A	Orange & Rockland Utilities, Inc.	Pomona ESR	G	I/S	3.0	3.0	3.0	N/A	N/A	Energy Storage			(1) (16)
N/A	Orangeville Energy Storage LLC	Orangeville ESR	C	I/S	20.0	10.0	10.0	N/A	N/A	Energy Storage			(1) (16)
N/A	Soltage, LLC	Brigis 2	J	Jun-26	20.0	20.0	20.0	N/A	N/A	Energy Storage			(16)
N/A	Soltage, LLC	Juniper Valley	J	Jun-26	20.0	20.0	20.0	N/A	N/A	Energy Storage			(16)
Total								11,734.2	11,735.2				

Notes for Table IV-1a: Proposed Generator Additions & CRIS Requests

1	Existing units with CRIS not included in Table III-2.
2	Projects included as expected additions in this year's NYCA Capacity Schedule, Table V-2a & V-2b.
3	Class Year 2023 CRIS-only projects.
4	A 240 MW Co-located Storage Resource Project awarded (1) 240 MW ERIS for the solar resource and 20 MW ERIS for the energy storage resource and (2) 220 MW CRIS for the solar resource and 20 MW CRIS for the energy storage resource.
5	A 250 MW Co-located Storage Resource Project awarded (1) 250 MW ERIS for the solar resource and 175 MW ERIS for the energy storage resource and (2) 250 MW CRIS for the solar resource and 0 MW CRIS for the energy storage resource.
6	For projects in this Table, this date is the proposed Commercial Operation Date. These dates are proposed to the NYISO by the Interconnection Customer and are typically updated throughout the interconnection study process and throughout project development, to the extent permitted by Attachment HH to the OATT.
7	Projects awarded CRIS via Class Year 2019
8	Projects awarded CRIS via Expedited Deliverability Study 2020-01
9	Projects awarded CRIS via Expedited Deliverability Study 2020-02
10	Projects awarded CRIS via Expedited Deliverability Study 2021-01
11	Projects awarded CRIS via Expedited Deliverability Study 2022-01
12	Q#987 is a 44 MW uprate of Q#766.
13	Projects awarded CRIS via Class Year 2021
14	A 270 MW Co-located Storage Resource Project awarded (1) 270 MW ERIS for the solar resource and 20 MW ERIS for the energy storage resource and (2) 250 MW CRIS for the solar resource and 20 MW CRIS for the energy storage resource.
15	Projects awarded CRIS via Expedited Deliverability Study 2023-01
16	Projects awarded CRIS via Expedited Deliverability Study 2024-01
17	A 20 MW Co-located Storage Resource Project awarded (1) 20 MW ERIS for the solar resource and 5 MW ERIS for the energy storage resource and (2) 20 MW CRIS for the solar resource and 0 MW CRIS for the energy storage resource.
18	HTP requested 660 MW CRIS and all 660 MW CRIS were found deliverable; however, HTP elected partial CRIS of 85 MW.
19	New Athens Units 1, 2, & 3 have an existing Summer CRIS of 945 MW and an existing Winter CRIS of 1193.6 MW. New Athens Units 1, 2 & 3 requested an additional 47 MW Summer CRIS with a corresponding 36.4 MW increase to its Winter CRIS for a total of 992 MW Summer CRIS and 1230 MW Winter CRIS.

Table IV-1b: Transition Cluster Study Participants

QUEUE POS.	DEVELOPER	PROJECT NAME	ZONE	Proposed Date ⁶ (M-YY)	NAMEPLATE RATING (MW)	REQUESTED SUMMER CRIS (MW)	REQUESTED SUMMER ERIS (MW)	REQUESTED WINTER ERIS (MW)	PROJECT TYPE	MINIMUM DURATION FULL DISCHARGE	NOTES
C24-003	Vineyard Mid-Atlantic LLC	East Garden City 345kV	K	05-2031	1,378.6	1,321.0	1,321.0	1,321.0	Offshore Wind		
C24-004	Palladium Storage LLC	Hell Gate Annex 138KV Substation	J	08-2028	153.1	140.0	140.0	140.0	Energy Storage	4.0	
C24-005	Blue Spruce Storage LLC	Mott Haven 138KV Bus	J	08-2028	317.6	300.0	300.0	300.0	Energy Storage	4.0	
C24-008	KCE NY 30, LLC	West Babylon 69 kV	K	10-2027	51.5	50.0	50.0	50.0	Energy Storage	4.0	
C24-010	KCE NY 21, LLC	Pulaski 69kV Substation	K	01-2028	62.0	60.0	60.0	60.0	Energy Storage	4.0	
C24-013	Battery Park Storage LLC	Greenwood 138KV	J	08-2028	203.8	190.0	190.0	190.0	Energy Storage	4.0	
C24-014	Roma Storage	Astoria East 138 kV	J	08-2028	155.0	150.0	150.0	150.0	Energy Storage	4.0	
C24-015	Good Ole 77 Energy LLC	High Sheldon 230 kV	C	05-2030	114.5	100.0	100.0	100.0	Solar		
C24-016	Salt Rush Wind Energy LLC	Stony Creek 230 kV	C	11-2029	161.2	150.0	150.0	150.0	Land-Based Wind		
C24-021	Bluepoint Wind LLC	Brooklyn Clean Energy Hub 345kV Substation	J	12-2032	1,402.5	1,310.0	1,310.0	1,310.0	Offshore Wind		
C24-023	KCE NY 26, LLC	Jamesport - Peconic 69kV	K	01-2028	62.0	60.0	60.0	60.0	Energy Storage	8.0	
C24-024	Verona Solar	Clay - Edic 345kV, Line 2-15	C	12-2030	233.6	199.0	199.0	199.0	Solar		
C24-026	Taproot Solar LLC	Edic - Princetown 345 kV, Line #351	F	07-2029	215.3	185.0	185.0	185.0	Solar		
C24-031	BayWa r.e Solar Projects LLC	Coxsackie 69 kV substation	G	05-2028	104.0	100.0	100.0	100.0	Energy Storage	4.0	
C24-032	BayWa r.e. Solar Projects LLC	Oakdale 115 kV	C	05-2028	153.8	150.0	150.0	150.0	Energy Storage	4.0	
C24-033	KCE NY 31, LLC	Shoreham 138kV	K	12-2027	51.5	50.0	50.0	50.0	Energy Storage	4.0	
C24-034	Kalmia Storage, LLC	Holtsville 69 kV	K	01-2030	52.3	50.0	50.0	50.0	Energy Storage	4.2	
C24-037	Northland Power U.S. Projects Inc	Thousand Islands-Coffeen Line 4: Lyme Tap 115kV	E	12-2027	143.6	140.0	140.0	140.0	Solar		
C24-038	Prologis Energy LLC	Queensbridge 138kV	J	12-2030	70.3	68.0	68.0	68.0	Energy Storage	4.0	
C24-039	Golden Knight Solar, LLC	Colton - Malone Line 3 115 kV	D	05-2030	142.8	140.0	140.0	140.0	Solar		
C24-042	Liberty Renewables Inc.	Fenner - Shippy Rd Line 3 115 kV	C	12-2027	31.5	29.8	29.8	29.8	Land-Based Wind		
C24-043	EDF Renewables Development, Inc.	345kV PM2 between Pannell-Clay	B	11-2029	205.9	200.0	200.0	200.0	Solar+Energy Storage	4.0	
C24-044	BayWa r.e Solar Projects LLC	North Troy -Hoosick Line 5 115 kV	F	05-2028	205.0	199.0	199.0	199.0	Energy Storage	4.0	
C24-047	BayWa r.e. Solar Projects LLC	Lincoln Park - East Kingston 115 kV	G	05-2028	153.8	150.0	150.0	150.0	Energy Storage	4.0	
C24-048	BPP NY Lansing BESS I LLC	Milliken 115kV (aka Cayuga 115kV)	C	12-2026	210.0	200.0	200.0	200.0	Energy Storage	4.0	
C24-049	BayWa r.e Solar Projects LLC	North Catskill -Churchtown 115 kV	G	05-2028	102.0	100.0	100.0	100.0	Energy Storage	4.0	
C24-050	Grateful Storage, LLC	Rock Tavern - Roseton 345 kV	G	05-2030	260.8	250.0	250.0	250.0	Energy Storage	4.4	
C24-052-001	Liberty Renewables Inc.	Dugan - Homer Hill 115kV, Line #155	A	09-2029	96.8	95.0	95.0	95.0	Land-Based Wind		
C24-056	BGTF US Development Holdings LLC	Eelpot Road 115 kV	C	12-2028	124.1	120.0	120.0	120.0	Energy Storage	4.0	
C24-057	Empire Reserve Energy, LLC	Sugarloaf 138kV	G	06-2029	83.0	79.0	79.0	79.0	Energy Storage	4.0	
C24-058	Mission Clean Energy Devco LLC	Hurley Ave 115 kV substation	G	11-2029	80.5	79.0	79.0	79.0	Energy Storage	4.0	
C24-059	Empire Reserve Energy, LLC	115kV Modena Substation	G	06-2029	105.8	100.0	100.0	100.0	Energy Storage	4.0	
C24-060	Hanwha Q CELLS USA Corp.	Stony Ridge 230kV	C	12-2027	200.8	200.0	200.0	200.0	Energy Storage	4.0	
C24-061	Hanwha Q CELLS USA Corp.	Moriches 69kV	K	12-2027	75.3	75.0	75.0	75.0	Energy Storage	4.0	
C24-062	Hanwha Q CELLS USA Corp.	Manchester 115 kV	G	12-2027	200.8	200.0	200.0	200.0	Energy Storage	4.0	
C24-063	Empire Reserve Energy, LLC	Shoemaker - Sugarloaf 138kV	G	06-2029	131.4	125.0	125.0	125.0	Energy Storage	4.0	
C24-064	EDF Renewables Development, Inc.	Fraser substation 115 kV	E	10-2028	136.9	135.0	135.0	135.0	Energy Storage	4.0	
C24-065	Hanwha Q CELLS USA Corp.	Dunkirk - Falconer 115kV Line #160	A	12-2027	75.6	75.0	75.0	75.0	Solar+Energy Storage	4.0	
C24-066	Hanwha Q CELLS USA Corp.	Yawger 115kV Substation	C	12-2027	104.3	100.0	100.0	100.0	Energy Storage	4.0	
C24-067	Empire Reserve Energy, LLC	Wildwood - Riverhead 138 kV	K	06-2029	131.4	125.0	125.0	125.0	Energy Storage	4.0	
C24-071	Sweetwaters Energy Center LLC	Kings Substation at 138kV open bay	K	05-2028	133.2	125.0	125.0	125.0	Energy Storage	4.0	
C24-072	GCI Eastwater, LLC	Station 82 - Station 121 Line 23 115kV	B	06-2027	103.8	100.0	100.0	100.0	Energy Storage	4.0	
C24-073	GCI Icebox Energy Storage, LLC	Solvay Station 34.5 kV	C	06-2027	51.8	50.0	50.0	50.0	Energy Storage	4.0	
C24-074	GCI Lighthouse Energy Storage, LLC	Gardenville - Dunkirk Line 74 230 kV	A	06-2027	259.7	250.0	250.0	250.0	Energy Storage	4.0	

Table IV-1b: Transition Cluster Study Participants (cont'd)

QUEUE POS.	DEVELOPER	PROJECT NAME	ZONE	Proposed Date ⁶ (M-YY)	NAMEPLATE RATING (MW)	REQUESTED SUMMER CRIS (MW)	REQUESTED SUMMER ERIS (MW)	REQUESTED WINTER ERIS (MW)	PROJECT TYPE	MINIMUM DURATION FULL DISCHARGE	NOTES
C24-076	SUNXI LLC	Southeast Batavia-Golah Line 119	B	12-2029	84.0	0.0	82.8	82.8	Solar		
C24-077	Abundant Solar Power Inc.	Bath - Howard 115 kV Line	C	01-2027	20.4	19.9	19.9	19.9	Solar		
C24-078	Abundant Solar Power Inc.	Tilden-Cortland Line 18	C	01-2027	20.4	19.9	20.0	20.0	Solar		
C24-079	Maple Harvest Wind	Tilden-Cortland Line 18.	C	12-2028	166.8	162.0	162.0	162.0	Land-Based Wind		
C24-080	the NY Power Authority	Greenwood 138kV Substation	J	12-2027	136.4	130.0	130.0	130.0	Energy Storage	4.0	
C24-081	The NY Power Authority	Hell Gate Annex 138kV	J	12-2027	136.4	130.0	130.0	130.0	Energy Storage	4.0	
C24-085	Terra-Gen Development, LLC	Rock Tavern 345kV Substation	G	12-2028	154.2	150.0	150.0	150.0	Energy Storage	4.0	
C24-086	Terra-Gen Development, LLC	Rock Tavern 345kV Substation (South position)	G	12-2028	103.8	100.0	100.0	100.0	Energy Storage	4.0	
C24-087	Terra-Gen Development, LLC	Rock Tavern 345kV Substation (South position)	G	12-2028	154.2	150.0	150.0	150.0	Energy Storage	4.0	
C24-088	Terra-Gen Development, LLC	Rock Tavern 345kV Substation (North position)	G	12-2028	103.8	100.0	100.0	100.0	Energy Storage	4.0	
C24-089	Braen Energy LLC	Ramapo 345kV Substation	G	05-2028	516.0	500.0	500.0	500.0	Energy Storage	4.0	
C24-090	Quantum DPI group	HOMER HILL - ANDOVER 115kV line #157	A	09-2027	22.4	0.0	22.0	22.0	Solar+Energy Storage	2.0	
C24-091	BPP NY Somerset BESS I LLC	Kintigh 345kV	A	03-2027	210.0	199.5	199.5	199.5	Energy Storage	4.0	
C24-092	Quantum DPI Group	Homer Hill to ANDOVER 115kV Line 157	A	09-2027	50.7	0.0	50.0	50.0	Solar+Energy Storage	2.0	
C24-093	Terra-Gen Development, LLC	Hurley 345kV Substation	G	12-2028	103.8	100.0	100.0	100.0	Energy Storage	4.0	
C24-094	Terra-Gen Development, LLC	Hurley 345kV Substation	G	12-2028	154.2	150.0	150.0	150.0	Energy Storage	4.0	
C24-095	Westerlo Solar LLC	Central Hudson 69kV Line #NW Westerlo-New Baltimore	G	07-2028	42.0	40.0	40.0	40.0	Solar+Energy Storage	4.0	
C24-097	RWE Solar Development, LLC	Laona Station 115kV	A	12-2027	188.4	170.0	170.0	170.0	Energy Storage	4.0	
C24-098	RWE Solar Development, LLC	Roseton 345 kV Substation	G	12-2027	169.5	150.0	150.0	150.0	Energy Storage	4.0	
C24-099	Crown Point Solar LLC	Ticonderoga to Republic 115kV Line 2	F	07-2028	20.8	20.0	20.0	20.0	Solar+Energy Storage	4.0	
C24-101	MN8 Energy Development Company LLC	South Perry Substation 230 kV	C	12-2028	103.2	100.0	100.0	100.0	Energy Storage	4.0	
C24-102	ELP Rotterdam Solar LLC	Rotterdam-Maple Ave 115kV Line 10.	F	07-2028	36.8	35.0	35.0	35.0	Solar+Energy Storage	4.0	
C24-103	Bath Solar LLC	Avoca 230 kV - Stoney Ridge 230 kV Line #68	C	07-2028	189.0	185.0	185.0	185.0	Solar+Energy Storage	4.0	
C24-104	ACE DevCo NC, LLC	West Yaphank 69kV Substation	K	06-2029	105.2	100.0	100.0	100.0	Energy Storage	4.0	
C24-105	ELP Clay Storage LLC	Clay-Lighthouse Hill 115kV, Line #7	C	07-2028	210.0	199.0	199.0	199.0	Energy Storage	4.0	
C24-106	Granby Storage LLC	South Oswego to Curtis Street 115kV Line 10	C	07-2028	160.0	150.0	150.0	150.0	Energy Storage	4.0	
C24-108	Boralex US Development LLC	345kV Line HW1 Haverstock - Willis	D	12-2028	203.9	200.0	200.0	200.0	Solar		
C24-109	Falls Park Energy Storage Project, LLC	FALLS PARK 115 kV	F	06-2030	103.1	100.0	100.0	100.0	Energy Storage	4.0	
C24-111	Fort Edward Solar LLC	National Grid 115 kV Line #15 from Mohican to Battenkill	F	12-2027	102.8	100.0	100.0	100.0	Solar		
C24-115	Iris Bloom Solar Project, LLC	Moon Road Sub 115 kV	A	06-2030	152.6	150.0	150.0	150.0	Solar+Energy Storage	4.0	
C24-118	Rutland Center Solar 1, LLC	Staplin Creek Station 115 kV	E	05-2030	76.3	75.0	75.0	75.0	Solar		
C24-120	Field Day Solar Project, LLC	Boonville to Rome 115KV Line 3	E	06-2030	305.7	300.0	300.0	300.0	Solar+Energy Storage	4.0	
C24-121	Beacon Harbor Solar Project, LLC	Thousand Islands-Coffeen Line 4: Lyme Tap 115kV	E	06-2030	199.0	195.0	195.0	195.0	Solar+Energy Storage	4.0	
C24-122-002	BGTF US Development Holdings LLC	Marcy to New Scotland 345 kV line 18	E	12-2028	191.6	190.0	190.0	190.0	Energy Storage	4.0	
C24-124	BGTF US Development Holdings LLC	Dunkirk-Laona Line 162 115kV	A	12-2028	104.7	100.0	100.0	100.0	Energy Storage	4.0	
C24-125	RWE Solar Development, LLC	Coopers Corner to Middletown Tap 345 kV Line	E	12-2027	71.6	60.0	60.0	60.0	Solar+Energy Storage	0.0	(2)
C24-126	BGTF US Development Holdings LLC	Austin Road 345 kV	E	12-2028	155.1	150.0	150.0	150.0	Energy Storage	4.0	
C24-127	BGTF US Development Holdings LLC	Moons Road to Falconer 115 kV Line 175	A	12-2028	75.6	75.0	75.0	75.0	Energy Storage	4.0	
C24-128	Winner Solar, LLC	Homer City - Mainesburg 345kV Line	C	02-2029	123.2	120.0	120.0	120.0	Solar		
C24-129	MN8 Energy Development Company LLC	Dupont to Packard 115 kV Line #184	A	12-2028	103.1	100.0	100.0	100.0	Energy Storage	2.0	
C24-130	Elevate Bethlehem, LLC	Albany Steam 115 kV Substation	F	06-2027	144.4	120.0	120.0	120.0	Energy Storage	10.0	
C24-131	Elevate Arthur Kill II, LLC	Fresh Kills 345 kV substation	J	06-2027	219.4	180.0	180.0	180.0	Energy Storage	10.0	
C24-132	HW Power, LLC	Eastview to Buchanan, 345 kV	I	06-2028	132.2	130.0	130.0	130.0	Energy Storage	4.0	
C24-134	MN8 Energy Development Company LLC	Packard-Huntley 230 kV Line#78	A	12-2028	255.5	247.5	247.5	247.5	Energy Storage	2.0	
C24-135	Cayuga Lake Solar, LLC	Milliken 115 kV Substation	C	12-2028	61.1	60.0	60.0	60.0	Solar		

Table IV-1b: Transition Cluster Study Participants (cont'd)

QUEUE POS.	DEVELOPER	PROJECT NAME	ZONE	Proposed Date ⁶ (M-YY)	NAMEPLATE RATING (MW)	REQUESTED SUMMER CRIS (MW)	REQUESTED SUMMER ERIS (MW)	REQUESTED WINTER ERIS (MW)	PROJECT TYPE	MINIMUM DURATION FULL DISCHARGE	NOTES
C24-136	Emeren US, LLC	Ryan 230kV Substation	D	12-2028	162.4	160.0	160.0	160.0	Energy Storage	4.0	
C24-137	ACE DevCo NC, LLC	Elbridge 115 kV Substation	C	04-2030	61.0	60.0	60.0	60.0	Solar		
C24-138	Marathon Power	Greenlawn 138kV	K	10-2029	141.5	135.0	135.0	135.0	Energy Storage	4.0	
C24-139	Emeren US, LLC	Patnode 230 kV substation	D	12-2028	152.2	150.0	150.0	150.0	Energy Storage	4.0	
C24-147	Emeren US, LLC	Battle Hill 115kV	E	12-2028	81.1	79.9	79.9	79.9	Energy Storage	4.0	
C24-148	Emeren US, LLC	Eastover 115kV	F	12-2028	304.1	300.0	300.0	300.0	Energy Storage	4.0	
C24-149	Manchester Solar NY LLC	Station 127(Hooks Rd)-Elbridge Line 7 115kV	C	09-2027	20.5	20.0	20.0	20.0	Solar		
C24-150	Kingbird Solar NY LLC	Gardenville to Dunkirk 115kV Line - Line #142	A	09-2027	20.5	20.0	20.0	20.0	Solar		
C24-152	Hydrostor USA Holdings, Inc , a subsidiary of Hydrostor Inc	Adirondack 345kV substation	E	12-2029	540.0	500.0	500.0	500.0	Energy Storage	8.0	
C24-154	Sandlot Energy LLC	Deposit - Indian Head 69 kV Line	K	10-2029	53.5	50.0	50.0	50.0	Energy Storage	10.0	
C24-155	Zenobe Stockton LLC	Moon Road 115kV	A	01-2029	103.1	100.0	100.0	100.0	Energy Storage	4.0	
C24-156	Granada Solar, LLC	N. Ogdensburg - Alcoa 115 kV Line (Line # 13)	E	08-2028	87.1	80.0	80.0	80.0	Solar		
C24-157	Granada Solar, LLC	East Walden 1115 kV Substation	G	08-2028	29.0	20.0	20.0	20.0	Energy Storage	4.0	
C24-158	KCE NY 27, LLC	Quogue - Tiana 69kV	K	01-2028	51.5	50.0	50.0	50.0	Energy Storage	4.0	
C24-159	Viridity Energy Solutions	Pulaski 69kV	K	03-2028	104.5	100.0	100.0	100.0	Energy Storage	4.0	
C24-160	Viridity Energy Solutions	Hartley 69 kV	G	03-2028	99.3	95.0	95.0	95.0	Energy Storage	4.0	
C24-162	Ramadi LLC	William Floyd to West Yaphank 69kV	K	05-2027	145.2	140.0	140.0	140.0	Energy Storage	4.0	
C24-163	BGTF US Development Holdings LLC	Hague Road to Ticonderoga 115 kV line 4	F	12-2028	50.5	50.0	50.0	50.0	Energy Storage	4.0	
C24-164	KCE NY 28, LLC	Riverhead - Tuthill 69kV	K	01-2029	46.2	45.0	45.0	45.0	Energy Storage	4.0	
C24-165	KCE NY 38, LLC	Churchtown 115 kV Substation	F	01-2029	254.5	250.0	250.0	250.0	Energy Storage	4.0	
C24-167	KCE NY 37, LLC	Sills Rd - Brookhaven 138 kV line	K	01-2029	152.5	150.0	150.0	150.0	Energy Storage	4.0	
C24-168	Northland Power U.S. Projects Inc	Stebbins Road 230kV	A	05-2028	262.0	250.0	250.0	250.0	Energy Storage	4.0	
C24-169	Endurance Power LLC	Jericho- New Cassel 69kV	K	10-2029	84.3	75.0	75.0	75.0	Energy Storage	4.0	
C24-173	KCE NY 34, LLC	Saugerties 69 kV	G	12-2028	102.0	100.0	100.0	100.0	Energy Storage	4.0	
C24-174	Bay State Wind	Ruland Road 345kV	K	12-2033	1,380.0	1,310.0	1,310.0	1,310.0	Offshore Wind		
C24-175	RWE Solar Development, LLC	Homer City to Pierce Brook 345 kV Line	A	12-2027	359.5	325.0	325.0	325.0	Solar+Energy Storage	4.0	
C24-176	RWE Solar Development, LLC	Homer City to Pierce Brook 345 kV Line	A	12-2027	359.5	325.0	325.0	325.0	Solar+Energy Storage	4.0	
C24-177	Jericho Power Station LLC	Commack 69 kV Substation	K	05-2028	39.2	35.0	35.0	35.0	Energy Storage	4.0	
C24-178	Astoria Generating Company, L.P.	Gowanus 138kV Substation	J	06-2027	183.9	150.0	150.0	150.0	Energy Storage	10.0	
C24-179	Silverline Energy Center, LLC	Milliken to Etna Line #974 115 kV line	C	12-2029	155.2	150.0	150.0	150.0	Solar+Energy Storage	4.0	
C24-182	Southern Tier Energy Center, LLC	Oakdale 130755 - Watercure 130757 345 kV line	C	12-2029	241.9	200.0	200.0	200.0	Energy Storage	4.0	
C24-183	East Setauket Energy Storage, LLC	Holbrook - North Shore Beach 138kV	K	12-2029	260.8	248.0	248.0	248.0	Energy Storage	4.0	
C24-184	Tabletop Solar NY LLC	Clinton Tap off the Inghams-Meco-Marshville Line 15 115kV	F	12-2027	81.2	80.0	80.0	80.0	Solar		
C24-186	Blue Stone Renewable III	Schodack - Falls Park 115kV	F	08-2028	37.1	36.6	36.6	36.6	Solar		
C24-188	Wheelhouse Solar Energy Center, LLC	Edic 345 kV (137200) to Princetown 345 kV (148965) southern circuit #352	F	12-2029	380.2	350.0	350.0	350.0	Solar+Energy Storage	4.0	
C24-189	NY North Country, LLC	Willis 230kV substation	D	06-2029	400.5	380.0	380.0	380.0	Land-Based Wind		
C24-190	NY North Country, LLC	Willis-Haverstock 345kV	D	06-2029	400.5	380.0	380.0	380.0	Land-Based Wind		
C24-191	Zenobe Rotterdam LLC	Rotterdam 115kV	F	01-2029	105.7	100.0	100.0	100.0	Energy Storage	8.0	
C24-202	Brusselville Solar, LLC	Dysinger-New Rochester 345kV Line (DH2)	B	12-2029	207.0	170.0	170.0	170.0	Solar+Energy Storage	4.0	
C24-204	Declaration Energy Center, LLC	Clay - Pannell (Station 122), Line #1 345 kV line	B	12-2029	574.0	550.0	550.0	550.0	Solar+Energy Storage	4.0	
C24-205	NEER Interconnection Holdings, LLC	Planned Wheelhouse Solar switchyard looping Edic - Princetown #2	F	12-2029	241.9	200.0	200.0	200.0	Energy Storage	4.0	
C24-207	NextEra Energy Resources Interconnection Holdings, LLC	Planned Q720 Trelina Solar Switchyard on Border City to Station 168 115 kV line	C	12-2029	136.1	120.0	120.0	120.0	Energy Storage	4.0	

Table IV-1b: Transition Cluster Study Participants (cont'd)

QUEUE POS.	DEVELOPER	PROJECT NAME	ZONE	Proposed Date ⁶ (M-YY)	NAMEPLATE RATING (MW)	REQUESTED SUMMER CRIS (MW)	REQUESTED SUMMER ERIS (MW)	REQUESTED WINTER ERIS (MW)	PROJECT TYPE	MINIMUM DURATION FULL DISCHARGE	NOTES
C24-208	Independence BESS LLC	Independence 345 kV	C	06-2028	207.6	200.0	200.0	200.0	Energy Storage	4.0	
C24-209	ACE DevCo NC LLC	S Owego Substation to Goudey Substation tap line 115 kV	C	10-2029	50.5	50.0	50.0	50.0	Solar		
C24-211	The Commodore Storage, LLC	Volney - Marcy 345 kV	E	01-2029	203.3	195.0	195.0	195.0	Energy Storage	4.0	
C24-213	Zenobe Lancaster LLC	Pavement 115kV Substation	A	01-2029	105.8	100.0	100.0	100.0	Energy Storage	8.0	
C24-214	Mulberry Energy Storage 1, LLC	Luther Forest-Eastover Rd 115kV Line 308	F	06-2029	140.0	130.0	130.0	130.0	Energy Storage	4.0	
C24-215	Mount Hope Stand Alone Storage 1, LLC	Cuddebackville-Shoemaker stations 69 kV Line #13	G	06-2029	55.0	50.0	50.0	50.0	Energy Storage	4.0	
C24-216	Zenobe Harmony LLC	Dunkirk-Falconer Line 160 115kV	A	01-2029	103.1	100.0	100.0	100.0	Energy Storage	4.0	
C24-217	Bay Breeze Solar, LLC	North Watertown (Lyme Junction)-Lyme Line 13 115 kV	E	07-2030	152.0	150.0	150.0	150.0	Solar		
C24-218	Poplar Energy Center	Riverhead - Tuthill 69kV	K	02-2029	63.3	45.0	60.0	60.0	Energy Storage	4.0	
C24-222	Knickerbocker Energy Storage Project, LLC	KNICKERBOCKER 345 kV	F	06-2030	306.0	300.0	300.0	300.0	Energy Storage	4.0	
C24-223	Mission Clean Energy Devco, LLC	Etna - Milliken 115 kV line	C	11-2029	142.9	140.0	140.0	140.0	Energy Storage	10.0	
C24-224	ACE DevCo NC, LLC	Tap 115kV line from Bath 115 kV station to Spencer Hill (Howard) 115 kV Station	C	10-2029	136.0	130.0	130.0	130.0	Solar+Energy Storage	4.0	
C24-225	Goldenrod Wind LLC	Moon Road-Hartfield 115kV Line159	A	12-2029	42.7	39.0	39.0	39.0	Land-Based Wind		
C24-227	Lucy's Energy Reserve LLC	Falconer-South Dow Line 154 115kV	A	05-2028	133.2	125.0	125.0	125.0	Energy Storage	4.0	
C24-229	Buttercup Wind LLC	Dunkirk-Falconer Line 160 115kV	A	12-2029	54.9	49.9	49.9	49.9	Land-Based Wind		
C24-230	Dewdrop Wind LLC	South Ripley Substation -Dunkirk Substation 230kV	A	12-2029	67.1	62.0	62.0	62.0	Land-Based Wind		
C24-233	Shallow Seam Energy Storage, LLC	Homer City - Mainesburg 345kV Line (L47)	C	12-2026	414.6	400.0	400.0	400.0	Energy Storage	4.0	
C24-234	RWE Solar Development, LLC	Bethlehem Road 115kV	G	12-2027	79.1	70.0	70.0	70.0	Energy Storage	4.0	
C24-235	RWE Clean Energy Development, LLC	Mohican - Whitehall 115 kV Line 13	F	12-2027	36.2	30.0	30.0	30.0	Solar		
C24-236	RWE Clean Energy Development, LLC	Mohican - Whitehall 115 kV Line 13	F	12-2027	104.5	90.0	90.0	90.0	Solar		
C24-237	SBMT Energy Center, LLC	345kV Gowanus Substation	J	12-2028	168.6	160.0	160.0	160.0	Energy Storage	4.0	
C24-238	Zenobe Americas Inc.	Moraine Rd 115kV Substation	C	01-2029	103.1	100.0	100.0	100.0	Energy Storage	4.0	
C24-239	Zenobe Americas Inc.	Homer Hill - Andover 115 kV Line 157	A	01-2029	103.1	100.0	100.0	100.0	Energy Storage	4.0	
C24-244	NY Power Authority	Deerfield - Schuyler 46kV Line 22	E	11-2028	21.4	20.0	20.0	20.0	Solar		
C24-245	PA-Hockenberry LLC	Tap on Homer City to Pierce Brook 345kV line	A	11-2028	407.0	400.0	400.0	400.0	Solar		
C24-247	Nexamp Solar LLC	Milliken to Ludlowville 34.5kV Line#522 -on N.Lansing- Ludlowville 2.11mi section	C	01-2029	35.1	34.9	34.9	34.9	Energy Storage	4.0	
C24-248	Dove Energy Storage	St. Johnsville - Marshville, Line id #11 (CLCPA rebuild), 115 kV,	F	07-2027	84.8	79.9	79.9	79.9	Energy Storage	4.0	
C24-249	Empire Solar LLC	Dunkirk-South Ripley Line 68 230kV	A	02-2029	61.0	60.0	60.0	60.0	Solar		
C24-250	Honey Ridge Solar 1, LLC	Black River - North Carthage 115 kV, Line #1	E	06-2029	109.4	100.0	100.0	100.0	Solar		
C24-251	Vidal Blanc Storage 1, LLC	Galeville-Kerhonkson 115kV	G	06-2029	107.5	100.0	100.0	100.0	Energy Storage	4.0	
C24-252	Nexamp Solar LLC	Bennett Substation 115kV	C	12-2029	87.0	79.0	79.0	79.0	Energy Storage	4.0	
C24-253	Nexamp Solar LLC	Coddington Substation 34.5 kV	C	12-2028	43.7	40.0	40.0	40.0	Energy Storage	4.0	
C24-255	Saltgrass Storage LLC	Line 33-222 and 33-317 LIPA 33kV	K	08-2028	51.7	50.0	50.0	50.0	Energy Storage	4.0	
C24-256	Springer Storage	Mohican-Whitehall Line 13 115kV	F	07-2027	84.8	79.9	79.9	79.9	Energy Storage	4.0	
C24-257	Grapevine Storage LLC	Gardenville-Dunkirk Line 74 230kV	A	08-2028	207.6	200.0	200.0	200.0	Energy Storage	4.0	
C24-259	Nexamp Solar LLC	Cayuta to Ridge Road 34.5 kV Line# 501	C	12-2027	25.3	25.0	25.0	25.0	Solar+Energy Storage	4.0	
C24-263	Jefferson Energy Storage	Austin Rd. - Edic #11, 345 kV	E	07-2027	106.0	100.0	100.0	100.0	Energy Storage	4.0	
C24-264	Berry Farm Storage 1, LLC	L160 115 kV line (Dunkirk and Falconer)	A	06-2029	126.9	120.0	120.0	120.0	Energy Storage	4.0	
C24-265	Calpine Mid-Atlantic Development, LLC	LIPA Grumann B 69 kV Substation	K	04-2026	45.0	44.0	44.0	44.0	Energy Storage	4.0	
C24-266	Mission Clean Energy Devco, LLC	Sugarloaf - Sterling Forest 138 kV	G	11-2029	202.7	199.0	199.0	199.0	Energy Storage	10.0	
C24-268	Arnold Energy Storage	Colton - Malone 115kV Line 3	D	07-2027	84.8	79.9	79.9	79.9	Energy Storage	4.0	
C24-269	Stonewall Solar LLC	Fraser Tap-Colliers 115 kV line #951	E	05-2028	147.2	145.0	145.0	145.0	Solar+Energy Storage	4.0	

Table IV-1b: Transition Cluster Study Participants (cont'd)

QUEUE POS.	DEVELOPER	PROJECT NAME	ZONE	Proposed Date ⁶ (M-YY)	NAMEPLATE RATING (MW)	REQUESTED SUMMER CRIS (MW)	REQUESTED SUMMER ERIS (MW)	REQUESTED WINTER ERIS (MW)	PROJECT TYPE	MINIMUM DURATION FULL DISCHARGE	NOTES
C24-270	Bassett Energy Storage	Spencer Hill 115 kV Substation	C	07-2027	84.8	79.9	79.9	79.9	Energy Storage	4.0	
C24-273	National Grid Generation LLC	LIPA Glenwood 69kV Substation	K	12-2027	52.6	50.0	50.0	50.0	Energy Storage	4.0	
C24-274	National Grid Generation LLC	Southampton 69kV	K	12-2027	32.0	30.0	32.0	32.0	Energy Storage	4.0	
C24-278	NY Power Authority	Mountindale - Woodbourne 115 kV line	E	11-2028	104.0	100.0	100.0	100.0	Solar		
C24-279	NY Power Authority	Kerhonkson to Honks Falls 69kV line	G	11-2028	31.6	30.0	30.0	30.0	Solar		
C24-280	National Grid Generation LLC	Wading River 138 kV Substation	K	12-2027	52.6	50.0	50.0	50.0	Energy Storage	4.0	
C24-281	the NY Power Authority	Brentwood 69 kV Substation	K	08-2028	50.9	49.1	49.1	49.1	Energy Storage	4.0	
C24-282	82 Shingle House Rd, LLC	Millwood West 345kV	H	12-2028	278.0	273.5	273.5	273.5	Energy Storage	4.0	
C24-283	Resilient NY Storage, LLC by Hanwha Energy USA Holdings Corporation, its Manager	Goethals 345 kV	J	12-2028	354.4	349.0	349.0	349.0	Energy Storage	4.0	
C24-284	Prologis Energy LLC	Hell Gate 138 kV Substation	J	12-2030	103.4	100.0	100.0	100.0	Energy Storage	4.0	
C24-288	ACE DevCo NC, LLC	Prattsburgh Wind farm to Stony Ridge Line Tap 230 kV	C	03-2030	203.7	200.0	200.0	200.0	Solar		
C24-289	Genovia Storage LLC	345 kV Line 1 QP580_POI2 Substation to Q721_POI Substation	B	08-2028	311.4	300.0	300.0	300.0	Energy Storage	4.0	
C24-292	BayWa r.e. Solar Projects, LLC	Dunkirk to Falconer Line 160 115 kV	A	05-2028	152.6	150.0	150.0	150.0	Energy Storage	4.0	
C24-293	Oswego Clean Energy Holdings	Oswego 115 kV Substation	C	12-2026	25.5	24.9	24.9	24.9	Solar		
C24-294	Birch Whistler, LLC	Line Tap Edic to Fraser Line, 345kV	E	12-2030	109.8	100.0	100.0	100.0	Land-Based Wind		
C24-297	Deer River Wind, LLC	Black River-Lighthouse Hill Line 5 115kV	E	12-2029	106.0	100.0	100.0	100.0	Land-Based Wind		
C24-298	Black Cherry Wind Power, LLC	Homer City - Piercebrook 345kV	A	12-2029	369.0	350.0	350.0	350.0	Land-Based Wind		
C24-299	Black Cherry Wind Power, LLC	Homer City - Piercebrook 345kV	A	12-2029	157.5	150.0	150.0	150.0	Land-Based Wind		
C24-300	Kimberlite Solar Power, LLC	Homer City - Mainesburg 345kV Line (L47)	C	03-2029	179.1	175.0	175.0	175.0	Solar		
C24-301	Moonlight Flats Solar Power, LLC	Homer City 345 kV to Mainesburg 345 kV L47	C	03-2029	255.2	250.0	250.0	250.0	Solar		
C24-302	McMullen Pond LLC	Oswego - S Oswego 115kV circuit 3	C	04-2028	149.6	142.0	142.0	142.0	Energy Storage	4.0	
C24-303	Bergholtz Creek LLC	Packard - Sawyer Ave 230kV line Circuit 1	A	04-2028	168.9	161.0	161.0	161.0	Energy Storage	4.0	
C24-304-004	Chateauguay River, LLC	Willis 230kV substation	D	04-2028	156.8	150.0	150.0	150.0	Energy Storage	4.0	
C24-306	Oriden	Clyde 115kV	C	12-2028	50.9	50.0	50.0	50.0	Energy Storage	4.0	
C24-309	Black Cherry Wind Power, LLC	Homer City to Piercebrook 345kV Line	A	02-2027	406.9	400.0	400.0	400.0	Energy Storage	4.0	
C24-312	BW Solar Holding Inc.	Dennison-Colton #5 115 kV Line.	E	05-2028	60.2	58.5	58.5	58.5	Solar+Energy Storage	4.0	
C24-313	NY Power Authority	Caton Ave. 115 kV Station	C	11-2028	44.0	42.0	42.0	42.0	Solar		
C24-317	BGTF US Development Holdings LLC	Lyon Mountain 115 kV Substation	D	12-2028	75.8	75.0	75.0	75.0	Energy Storage	4.0	
C24-318	Nexamp Solar LLC	County Line 46 kV Substation	E	12-2028	43.7	40.0	40.0	40.0	Energy Storage	4.0	
C24-319	Ditch Creek Solar LLC	CLAY to EDIC 345 kV Line #15 Circuit #2	C	12-2027	203.8	199.5	199.5	199.5	Solar+Energy Storage	4.0	
C24-320	Nexamp Solar LLC	115kV Boonville-Waters Road Line#8 (proposed as Boonville-Taylorville Line#6)	E	12-2028	86.9	79.0	79.0	79.0	Energy Storage	4.0	
C24-321	Jericho Solar Park LLC	NYPA's Willis Sub @115kV	D	10-2029	106.8	100.0	100.0	100.0	Solar		
C24-322	Rolling Upland Wind Farm LLC	County Line-Brothertown 115kV	E	10-2029	81.0	79.8	79.8	79.8	Land-Based Wind		
C24-323	Echo Lake Solar LLC	115 kV Boonville Village - Porter Line #1, Circuit #1	E	07-2028	80.9	79.9	79.9	79.9	Solar+Energy Storage	4.0	
C24-324	Origis Development LLC	Pleasant Valley - Todd Hill 115 kV	G	12-2028	212.4	199.0	199.0	199.0	Energy Storage	4.0	
C24-325	Origis Development LLC	Dunkirk to Falconer 115kV Line 160	A	12-2028	157.6	150.0	150.0	150.0	Energy Storage	4.0	
C24-326	Origis Development LLC	Robinson Road 230 kV	A	12-2028	189.0	180.0	180.0	180.0	Energy Storage	4.0	
C24-327	North Creek Solar LLC	EDIC to GORDON ROAD 345kV, Line #14	E	12-2027	204.1	199.5	199.5	199.5	Solar+Energy Storage	4.0	
C24-331	the NY Power Authority	Hell Gate Bus Section 2 - 138kV	J	12-2030	93.1	90.0	90.0	90.0	Energy Storage	4.0	
C24-332	Granada Solar, LLC	Inghams-Stoner 115kV line 9 and Meco-Maple Ave 115kV line 22	F	08-2028	125.5	100.0	100.0	100.0	Energy Storage	4.0	
C24-333	the NY Power Authority	Fox Hills 138kV Substation	J	12-2030	49.9	47.1	47.1	47.1	Energy Storage	4.0	
C24-334	the NY Power Authority	West Bus - 138kV	K	12-2030	173.0	170.0	170.0	170.0	Energy Storage	4.0	

Table IV-1b: Transition Cluster Study Participants (cont'd)

QUEUE POS.	DEVELOPER	PROJECT NAME	ZONE	Proposed Date ⁶ (M-YY)	NAMEPLATE RATING (MW)	REQUESTED SUMMER CRIS (MW)	REQUESTED SUMMER ERIS (MW)	REQUESTED WINTER ERIS (MW)	PROJECT TYPE	MINIMUM DURATION FULL DISCHARGE	NOTES
C24-335	PA-Fritz Kiln LLC	Tap on Homer City - Pierce Rd 345kV line	A	10-2028	305.3	300.0	300.0	300.0	Solar		
C24-336	ConnectGen Montgomery County LLC	Marcy - New Scotland 345kV, Line 18	E	12-2028	104.2	100.0	100.0	100.0	Solar+Energy Storage	0.0	(3)
C24-337	Terra-Gen Development, LLC	East Fishkill 345 kV substation	H	12-2028	103.8	100.0	100.0	100.0	Energy Storage	4.0	
C24-338	Terra-Gen Development, LLC	East Fishkill 345 kV	H	12-2028	154.2	150.0	150.0	150.0	Energy Storage	4.0	
C24-341	Origis Development LLC	Marlboro 115kV Substation	G	12-2028	105.3	100.0	100.0	100.0	Energy Storage	4.0	
C24-342	Beacon Wind LLC	Astoria West 138 kV	J	05-2029	127.3	125.0	125.0	125.0	Energy Storage	4.0	
C24-344	Deerpark Energy Storage, LLC	Cuddebackville 69kV Substation	G	10-2027	54.8	50.0	50.0	50.0	Energy Storage	4.0	
C24-347	Hodson Energy Little Falls LLC	Watkins Road-Inghams Line 2 115kV	E	02-2028	79.2	78.0	78.0	78.0	Solar		
C24-348	ConnectGen Cayuga County LLC	Wright Avenue - Milliken 115kV Line 973	C	12-2029	203.0	200.0	200.0	200.0	Solar		
C24-349-005	RIC Development, LLC	Indeck Oswego - Tar Hill Line 2 115kV	C	02-2029	91.7	79.9	79.9	79.9	Solar		
C24-350	Hickling Storage, LLC	115kV Hickling Substation	C	12-2027	92.5	90.0	90.0	90.0	Energy Storage	2.0	
C24-352	CEDAR HOLDCO LLC	Wethersfield 230 kV Substation	C	12-2029	312.6	300.0	300.0	300.0	Energy Storage	4.0	
C24-357	Glove City Energy Center, LLC	Stoner (137906) to Inghams (137228) 115kV line	F	12-2028	101.1	100.0	100.0	100.0	Solar		
C24-358	CEDAR HOLDCO LLC	Sugarloaf 138 kV Substation	G	12-2029	312.6	300.0	300.0	300.0	Energy Storage	4.0	
C24-359	CEDAR HOLDCO LLC	Sugarloaf 138 kV Substation	G	12-2029	312.6	300.0	300.0	300.0	Energy Storage	4.0	
C24-361	Cherry Valley Energy Center, LLC	Cherry Valley Solar	F	Dec-28	126.3	125.0	125.0	125.0	Solar		
C24-362	RWE Solar Development, LLC	Edic - Gordon Road 345 kV, Line 14	E	12-2027	159.0	150.0	150.0	150.0	Solar		
C24-363	RWE Solar Development, LLC	Coopers Corner to Middletown Tap 345 kV Line	E	12-2027	281.4	240.0	240.0	240.0	Solar+Energy Storage	4.0	
C24-364	RWE Solar Development, LLC	Robinson Road 115 kV	A	12-2027	256.2	230.0	230.0	230.0	Energy Storage	4.0	
C24-366	Azalea Wind LLC	Montour Falls to Coddington Road 115kV	C	12-2029	54.9	50.0	50.0	50.0	Land-Based Wind		
C24-367	Lewis Wind, LLC	Volney-Marcy Line 19 345kV line	E	12-2030	102.2	100.0	100.0	100.0	Land-Based Wind		
C24-368	CEDAR HOLDCO LLC	Huntley 230 kV Substation	A	12-2029	312.6	300.0	300.0	300.0	Energy Storage	4.0	
C24-370	Azalea Wind LLC	Montour Falls to Coddington Road 115kV	C	12-2029	54.9	50.0	50.0	50.0	Land-Based Wind		
CR24-1002	National Grid Generation, LLC	West Babylon 13.8 kV	K	I/S	53.0	49.0	N/A	N/A	Oil		
CR24-1003	GB II NY LLC	Albany Steam 115 kV	F	I/S	893.2	875.0	N/A	N/A	Natural Gas		(4)
CR24-1004	Arthur Kill Power LLC	Freshkills 138kV	J	I/S	376.2	369.9	N/A	N/A	Natural Gas		(5)
Total							36,143.1	36,143.1			

Notes for Table IV-1b: Transition Cluster Study Participants

1	This table includes all active Transition Cluster Study projects in the queue as of 3/15/2025.
2	This project is a PV only uprate to project C24-363.
3	This project is a PV only uprate to project Q#1031.
4	Incremental CRIS increase: Bethlehem GS1, GS2 and GS4 (PTIDs 323560, 323561, and 323562, which have a summer CRIS of 835 MW, are requesting incremental CRIS of 40 MW for a total summer CRIS of 875 MW.
5	Incremental CRIS increase: Arthur Kill ST2 (PTID 23512), which has a summer CRIS of 357.7 MW, is requesting incremental CRIS of 12.2 MW for a total summer CRIS of 369.9 MW.

Table IV-2: Proposed Generator Re-ratings, as of March 15, 2025

There are no proposed generator re-ratings applicable for this Gold Book as of March 15, 2025.

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

Table IV-3: Deactivated Units with Unexpired CRIS Rights Not Listed in Section III Existing Generating Facilities, as of March 15, 2025

OWNER / OPERATOR	STATION	UNIT	ZONE	DATE ⁽¹⁾	PTID	CRIS (MW)		CAPABILITY (MW)		Status ⁽³⁾
						SUMMER ⁽²⁾	WINTER ⁽²⁾	SUMMER ⁽²⁾	WINTER ⁽²⁾	
Rockville Centre, Village of	Charles P Keller 07		K	03/01/2019	1661	2.0	2.0	1.9	1.9	R
Freeport Electric	Freeport 1-4		K	05/01/2022	1660	4.4	4.4	4.5	5.0	R
ENGIE Energy Marketing NA, Inc.	Nassau Energy Corporation		K	07/15/2022	323695	51.6	60.1	38.5	51.0	R
Astoria Generating Company L.P.	Gowanus 1-1 ⁽⁴⁾		J	11/01/2022	24077	19.1	24.9	15.9	24.8	R
Astoria Generating Company L.P.	Gowanus 1-2 ⁽⁴⁾		J	11/01/2022	24078	17.1	22.3	19.5	24.9	R
Astoria Generating Company L.P.	Gowanus 1-3 ⁽⁴⁾		J	11/01/2022	24079	17.2	22.5	15.3	23.4	R
Astoria Generating Company L.P.	Gowanus 1-4 ⁽⁴⁾		J	11/01/2022	24080	17.1	22.3	16.4	21.7	R
Astoria Generating Company L.P.	Gowanus 1-5 ⁽⁴⁾		J	11/01/2022	24084	16.5	21.6	17.8	22.7	R
Astoria Generating Company L.P.	Gowanus 1-6 ⁽⁴⁾		J	11/01/2022	24111	18.0	23.5	14.2	21.3	R
Astoria Generating Company L.P.	Gowanus 1-7 ⁽⁴⁾		J	11/01/2022	24112	17.6	23.0	18.0	22.4	R
Astoria Generating Company L.P.	Gowanus 4-1 ⁽⁴⁾		J	11/01/2022	24130	16.8	21.9	15.2	24.1	R
Astoria Generating Company L.P.	Gowanus 4-2 ⁽⁴⁾		J	11/01/2022	24131	17.3	22.6	18.5	23.5	R
Astoria Generating Company L.P.	Gowanus 4-3 ⁽⁴⁾		J	11/01/2022	24132	17.6	23.0	18.4	22.0	R
Astoria Generating Company L.P.	Gowanus 4-4 ⁽⁴⁾		J	11/01/2022	24133	17.1	22.3	16.0	21.5	R
Astoria Generating Company L.P.	Gowanus 4-5 ⁽⁴⁾		J	11/01/2022	24134	17.1	22.3	16.6	22.1	R
Astoria Generating Company L.P.	Gowanus 4-6 ⁽⁴⁾		J	11/01/2022	24135	18.6	24.3	18.5	24.3	R
Astoria Generating Company L.P.	Gowanus 4-7 ⁽⁴⁾		J	11/01/2022	24136	16.6	21.7	18.4	23.6	R
Astoria Generating Company L.P.	Gowanus 4-8 ⁽⁴⁾		J	11/01/2022	24137	19.0	24.8	17.2	22.3	R
Consolidated Edison Co. of NY, Inc.	Hudson Ave 3 ⁽⁴⁾		J	11/01/2022	23810	16.0	20.9	12.3	15.6	R
Consolidated Edison Co. of NY, Inc.	Hudson Ave 5 ⁽⁴⁾		J	11/01/2022	23657	15.1	19.7	15.3	18.6	R
NRG Power Marketing LLC	Astoria GT 2-1 ⁽³⁾		J	05/01/2023	24094	41.2	50.7	34.9	46.5	R
NRG Power Marketing LLC	Astoria GT 2-2 ⁽³⁾		J	05/01/2023	24095	42.4	52.2	34.3	45.6	R
NRG Power Marketing LLC	Astoria GT 2-3 ⁽³⁾		J	05/01/2023	24096	41.2	50.7	36.3	46.7	R
NRG Power Marketing LLC	Astoria GT 2-4 ⁽³⁾		J	05/01/2023	24097	41.0	50.5	32.5	45.4	R
NRG Power Marketing LLC	Astoria GT 3-1 ⁽³⁾		J	05/01/2023	24098	41.2	50.7	34.6	45.0	R
NRG Power Marketing LLC	Astoria GT 3-2 ⁽³⁾		J	05/01/2023	24099	43.5	53.5	35.7	45.3	R
NRG Power Marketing LLC	Astoria GT 3-3 ⁽³⁾		J	05/01/2023	24100	43.0	52.9	33.9	44.6	R
NRG Power Marketing LLC	Astoria GT 3-4 ⁽³⁾		J	05/01/2023	24101	43.0	52.9	34.9	45.5	R
NRG Power Marketing LLC	Astoria GT 4-1 ⁽³⁾		J	05/01/2023	24102	42.6	52.4	33.6	43.8	R
NRG Power Marketing LLC	Astoria GT 4-2 ⁽³⁾		J	05/01/2023	24103	41.4	51.0	34.3	44.3	R
NRG Power Marketing LLC	Astoria GT 4-3 ⁽³⁾		J	05/01/2023	24104	41.1	50.6	35.4	46.4	R
NRG Power Marketing LLC	Astoria GT 4-4 ⁽³⁾		J	05/01/2023	24105	42.8	52.7	35.2	44.1	R
Helix Ravenswood, LLC	Ravenswood 10		J	05/01/2023	24258	21.2	27.0	16.1	20.3	R
Western New York Wind Corp.	Western NY Wind Power		B	10/15/2023	24143	0.0	0.0	0.0	0.0	R
Cubit Power One Inc.	Arthur Kill Cogen		J	03/02/2024	323718	11.1	11.1	11.1	10.7	I
Total						888.5	1,109.0	771.2	1,010.9	

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 = 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.

4. This unit has also submitted a peaker rule compliance plan to the DEC.

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

Table IV-4: Deactivated Units Listed in Section III Existing Generating Facilities, as of March 15, 2025

OWNER / OPERATOR	STATION	UNIT	ZONE	DATE	PTID	CRIS (MW)		CAPABILITY (MW)		Status ⁽¹⁾
						SUMMER ⁽²⁾	WINTER ⁽²⁾	SUMMER ⁽²⁾	WINTER ⁽²⁾	
Central Hudson Gas & Electric Corp.	South Cairo ⁽³⁾		G	03/31/2024	23612	19.8	25.9	18.7	23.1	R
					Total	19.8	25.9	18.7	23.1	

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.

3. This unit has also submitted a peaker rule compliance plan to the DEC.

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

Table IV-5: Notices of Proposed Deactivations¹ as of March 15, 2025

OWNER / OPERATOR	STATION	UNIT	ZONE	DATE ⁽²⁾	PTID	CRIS (MW)		CAPABILITY (MW)		Notes
						SUMMER	WINTER	SUMMER	WINTER	
National Grid	Shoreham 2		K	05/01/2025	23716	18.5	23.5	16.7	21.3	3
Astoria Generating Company, L.P.	Astoria GT 01		J	05/01/2025	23523	15.7	20.5	13.8	18.0	3
Central Hudson Gas & Elec. Corp.	Coxsackie GT		G	05/31/2026	23611	21.6	26.0	19.7	25.2	3
Madison Windpower, LLC	Madison Windpower		E	05/01/2025	24146	11.5	11.5	11.6	11.6	
Total						51.6	61.0	48.0	58.1	

1. Units listed in Table IV-5 have provided a notice to the NYSPSC and/or have a completed Generator Deactivation Notice with the NYISO.

2. This date refers to the proposed generator deactivation date stated in the generator deactivation notice

3. This unit has also submitted a peaker rule compliance plan to the DEC.

Table IV-6: Potential Generator Status Changes to Comply with State Rules and Climate Policy ¹

OWNER / OPERATOR	STATION	UNIT	ZONE	DATE	PTID	Nameplate Rating (MW)	CRIS (MW)		CAPABILITY (MW)		Notes
							SUMMER	WINTER	SUMMER	WINTER	
National Grid	Shoreham	1	K	05/01/2023	23715	52.9	48.9	63.9	46.0	50.7	2, 4
National Grid	Glenwood	GT 03	K	05/01/2023	23689	55.0	54.7	71.5	54.1	66.6	2, 4
NRG Power Marketing, LLC	Arthur Kill	GT 1	J	05/01/2025	23520	20.0	16.5	21.6	12.4	16.1	2
Astoria Generating Company, L.P.	Gowanus	2-1 through 2-8	J	05/01/2025	24114-24121	160.0	152.8	199.6	142.2	182.5	3
Astoria Generating Company, L.P.	Gowanus	3-1 through 3-8	J	05/01/2025	24122-24129	160.0	146.8	191.7	140.2	180.1	3
Astoria Generating Company, L.P.	Narrows	1-1 through 2-8	J	05/01/2025	24228-24243	352.0	309.1	403.6	288.3	372.5	3
New York Power Authority	Gowanus	5	J	12/31/2030	24156	47.0	45.4	45.4	40.0	40.0	5
New York Power Authority	Gowanus	6	J	12/31/2030	24157	47.0	46.1	46.1	39.9	39.9	5
New York Power Authority	Kent		J	12/31/2030	24152	47.0	46.9	46.9	45.7	46.0	5
New York Power Authority	Pouch		J	12/31/2030	24155	47.0	47.1	47.1	44.7	46.0	5
New York Power Authority	Hellgate	1	J	12/31/2030	24158	47.0	45.0	45.0	39.9	39.9	5
New York Power Authority	Hellgate	2	J	12/31/2030	24159	47.0	45.0	45.0	39.6	40.0	5
New York Power Authority	Harlem River	1	J	12/31/2030	24160	47.0	46.0	46.0	39.9	39.9	5
New York Power Authority	Harlem River	2	J	12/31/2030	24161	47.0	45.2	45.2	39.6	40.0	5
New York Power Authority	Vernon Blvd	2	J	12/31/2030	24162	47.0	46.2	46.2	40.0	40.0	5
New York Power Authority	Vernon Blvd	3	J	12/31/2030	24163	47.0	43.8	43.8	39.9	39.9	5
New York Power Authority	Brentwood		K	12/31/2030	24164	47.0	47.1	47.1	45.0	46.0	5
						Total	1,232.6	1,455.7	1,137.4	1,326.1	

1. This table includes the potential status changes of units to comply with DEC Peaker Rule and laws and policies related to the Climate Leadership and Community Protection Act. Units listed have not provided a notice to the NYSPSC or completed a Generator Deactivation Notice with the NYISO.

2. These units have indicated they will be out of service as noted in their compliance plans in response to the DEC peaker rule.

3. These units have indicated they will be out of service during the ozone season (May through September) in their compliance plans in response to the DEC peaker rule. To address the Need identified in the 2023 Q2 STAR, the NYISO designated the generators on the Gowanus 2 & 3 and Narrows 1 & 2 barges to temporarily remain in operation after the DEC Peaker Rule compliance date (May 1, 2025) until permanent solutions to the Need are in place, for an initial period of up to two years (May 1, 2027).

4. Long Island Power Authority (LIPA) has submitted notifications to the DEC per Part 227-3 of the Peaker Rule stating that these units are needed for reliability allowing these units to operate as directed by PSEG Long Island, until at least May 1, 2025

5. The 2023-2024 Enacted New York State Budget legislation amended the Power Authority Act to require the New York Power Authority (NYPA) to publish a transition plan by May 2025 to phase out electrical production from its eleven “small natural gas power plants” and to cease electricity production from those plants using natural gas by 12/31/2030 unless NYPA determines that such plant or plants are needed for emergency power service or electric system reliability, or existing or proposed replacement generation resources would result in more than a de minimis net increase of emissions of CO₂ or criteria air pollutants within a disadvantaged community. NYPA will solicit public input on proposed plant deactivation decisions, which will be made on a plant-by-plant basis. Deactivation notices must be filed timely with the NYISO for each deactivation. For additional information see <https://legislation.nysenate.gov/pdf/bills/2023/S4006C> (Part QQ §5 on page 126).

Table IV-7: Load Interconnection Requests⁷

QUEUE POS.	OWNER / OPERATOR	PROJECT	ZONE	Proposed Date ¹ (M-YY)	SUMMER (MW) ³	WINTER (MW) ³	NOTES
580	Genesee County Economic Devel.	WNY STAMP	B	May-26	300.0	300.0	(2)
776	Greenidge Generation LLC	Greenidge Load	C	Jun-25	60.0	60.0	
850	Cayuga Operating Company, LLC	Cayuga Load	C	Dec-26	50.0	50.0	
979	North Country Data Center	North Country Data Center	D	Dec-24	176.0	176.0	(2) (4)
1213	Petawatt Holdings, Inc.	St Lawrence Data and Agricultural Center	D	Jan-26	200.0	200.0	(2)
1315	Sabey Data Center Properties, LLC	SDC St. Lawrence	D	Aug-25	120.0	120.0	
1465	Digihost Technologies, Inc.	Digihost Load	A	Apr-24	50.2	50.2	(5)
1484	GCEDC	580 STAMP load increase	B	Dec-25	300.0	300.0	
1536	Micron New York Semiconductor Manufacturing LLC	White Pine Phase 1	C	Jun-26	480.0	480.0	(2)
1627	Micron New York Semiconductor Manufacturing LLC	Micron Fab 2	C	Sep-30	576.0	507.0	(2)
1646	P&M Brick LLC	POWI Project	F	Jan-27	50.0	50.0	(2)
1670	Lake Mariner data LLC	Lake Mariner Data II	A	Apr-25	250.0	250.0	
1681	Niagara Falls Redevelopment LLC	Niagara Digital Campus	A	Jun-26	140.0	140.0	
1683	Cayuga Operating Company, LLC	Cayuga Compute	C	Oct-25	150.0	150.0	
1713	Project Sycamore - Orangeburg	Project Sycamore Orangeburg	G	Jun-26	25.3	25.3	(6)
1714	Robert Delcalzo	Hudson Valley Data Center	G	Feb-27	25.0	25.0	
1715	Jerry Martin	1547 CSR - Orangeburg LLC	G	Jan-27	60.0	60.0	(2)
1716	DataBank Holdings, LLC	Orangeburg Expansion Phase 2	G	Dec-27	60.0	60.0	(2)
1717	Holtec Decommissioning International (HDI)	Proposed Datacenters at 450 Broadway, Buchanan, NY 10511	H	Sep-26	200.0	200.0	(2)
1721	WF Industrial XII LLC	Brookhaven Logistics Center	K	Jan-27	176.0	176.0	(2)
1725	Greenidge Generation, LLC	Greenidge 200 MW Data Center Project	C	Mar-28	200.0	200.0	
1726	Riverview Innovation & Technology Campus, Inc.	Data & Technology Campus	A	Jan-27	300.0	300.0	
Total					3,948.5	3,879.5	

1. For projects in this table, this date is the proposed In-Service Date.

2. Projects included in Table I-14: Large Loads Forecast. Table I-14 lists the annual zonal energy and peak demand impacts of these projects as assumed in the baseline forecast, and does not necessarily reflect the proposed date and summer and winter MW listed in this table. Table I-14 also includes impacts for loads not listed in the NYISO Interconnection Queue as of March 15, 2025.

3. The values in this table reflect the information from the NYISO Interconnection Queue.

4. This project is a 176 MW uprate of an existing 259 MW load facility, resulting in a total load of 435 MW.

5. This project is a 50.2 MW uprate of an existing 9.8 MW load facility, resulting in a total load of 60 MW.

6. This project is a 25.24 MW uprate of an existing 6.5 MW load facility, resulting in a total load of 31.74 MW.

7. NYISO Load interconnection procedures apply to Load interconnections that are either: a) greater than 10 MW connecting at a voltage level of 115 kV or above, or b) 80 MW or more connecting at a voltage level below 115 kV. Proposed Load interconnections that fall outside these criteria are not subject to the NYISO procedures, but instead fall under the applicable Transmission Owner's procedures.

Section V

NYCA Capacity Schedule

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Section V

This section provides a summary of projected NYCA capacity from 2025 through 2035. Table V-1 summarizes Net Capacity Purchases (MW) from External Control Areas from 2025 through 2035. Table V-2a summarizes the NYCA Capacity Schedule for the Summer Capability Period from 2025 through 2035. Table V-2b summarizes the NYCA Capacity Schedule for the Winter Capability Period from 2025-26 through 2035-36. Information for Tables V-2a and V-2b is obtained from Tables I-1, III-2, III-3, IV-1 through IV-6, and V-1. Definitions of the entries reported in Table V-2 are listed on the following page. Table V-3 lists historical Installed Reserve Margin (“IRM”) values as approved by the New York State Reliability Council (“NYSRC”) for the New York Control Area and the historical minimum Locational Capacity Requirements (“LCRs”) approved by the NYISO for the Zones G-J, Zone J, and Zone K localities.

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 1,487 MW of summer capacity and 1,026 MW of winter capacity. Tables V-2a and V-2b include the summer and winter capacity projections for SCR.

The projected NYCA resource capability for the 2025 Summer Capability Period is 39,141 MW. This value is the sum of existing facilities (37,699 MW), Special Case Resources (1,487 MW), and projected net generation changes (decrease of 45 MW). With the inclusion of projected net Capacity purchases from external control areas of 1,769 MW, the total projected resource capability is 40,910 MW.

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Definitions of Labels on NYCA Capacity Schedule

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
Total Resource Capability	The sum of NYCA Resource Capability and Net Capacity Purchases
Additions	Generating additions expected prior to the seasonal peak demand
Deactivations	Noticed generator deactivations (retirements, mothball outages, generator outages) expected prior to the seasonal peak demand
Unforced Capability Deliverability Right (UDR)	Controllable transmission project that provides a transmission interface into a Locality
External-to-ROS Deliverability Rights (EDR)	Controllable transmission project that provides a transmission interface into Rest of State (ROS)

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

Summer Net Capacity Purchases MW											
	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
ISO NE	27.4	135.1	215.8	216.4	216.4	216.4	216.4	216.4	216.4	216.4	216.4
HQ	1,192.0	2,440.0	2,440.0	2,440.0	2,440.0	2,440.0	2,440.0	2,440.0	2,440.0	2,440.0	2,440.0
IESO	-280.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PJM	829.9	829.9	829.9	829.9	829.9	829.9	829.9	829.9	829.9	829.9	829.9
Total	1,768.7	3,405.0	3,485.7	3,486.3	3,486.3	3,486.3	3,486.3	3,486.3	3,486.3	3,486.3	3,486.3

Winter Net Capacity Purchases MW											
	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36
ISO NE	27.4	135.1	215.8	216.4	216.4	216.4	216.4	216.4	216.4	216.4	216.4
HQ	575.6	308.0	308.0	308.0	308.0	308.0	308.0	308.0	308.0	308.0	308.0
IESO	-171.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PJM	829.1	829.1	829.1	829.1	829.1	829.1	829.1	829.1	829.1	829.1	829.1
Total	1,260.8	1,272.2	1,352.9	1,353.5	1,353.5	1,353.5	1,353.5	1,353.5	1,353.5	1,353.5	1,353.5

Notes

(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 2027/28, excluding wheel transactions from HQ to ISO-NE.

(4) — Includes assumptions of CHPE line availability from Table VII: Proposed Transmission Facilities (Queue Nos. 631 and 887).

(5) — Values represent averages across the capability period where appropriate.

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

SUMMER CAPABILITY (MW)		Existing Generating Facilities	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Fossil	Steam Turbine (Oil)	820.5	820.5	820.5	820.5	820.5	820.5	820.5	820.5	820.5	820.5	820.5	820.5
	Steam Turbine (Oil & Gas)	8,472.6	8,472.6	8,472.6	8,472.6	8,472.6	8,472.6	8,472.6	8,472.6	8,472.6	8,472.6	8,472.6	8,472.6
	Steam Turbine (Gas)	1,435.9	1,435.9	1,435.9	1,435.9	1,435.9	1,435.9	1,435.9	1,435.9	1,435.9	1,435.9	1,435.9	1,435.9
	Combined Cycle (Oil & Gas)	8,340.0	8,340.0	8,340.0	8,340.0	8,340.0	8,340.0	8,340.0	8,340.0	8,340.0	8,340.0	8,340.0	8,340.0
	Combined Cycle (Gas)	2,491.7	2,491.7	2,491.7	2,491.7	2,491.7	2,491.7	2,491.7	2,491.7	2,491.7	2,491.7	2,491.7	2,491.7
	Jet Engine (Oil)	614.0	597.3	597.3	597.3	597.3	597.3	597.3	597.3	597.3	597.3	597.3	597.3
	Jet Engine (Oil & Gas)	882.4	882.4	882.4	882.4	882.4	882.4	882.4	882.4	882.4	882.4	882.4	882.4
	Jet Engine (Gas)	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
	Combustion Turbine (Oil)	471.7	371.6	371.6	371.6	371.6	371.6	371.6	371.6	371.6	371.6	371.6	371.6
	Combustion Turbine (Oil & Gas)	933.8	933.8	914.1	343.4	343.4	343.4	343.4	343.4	343.4	343.4	343.4	343.4
	Combustion Turbine (Gas)	647.2	621.0	621.0	621.0	621.0	621.0	621.0	166.8	166.8	166.8	166.8	166.8
	Internal Combustion (Oil)	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
	Internal Combustion (Oil & Gas)	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
	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
Nuclear	Steam (PWR Nuclear)	578.8	578.8	578.8	578.8	578.8	578.8	578.8	578.8	578.8	578.8	578.8	578.8
	Steam (BWR Nuclear)	2,747.1	2,747.1	2,747.1	2,747.1	2,747.1	2,747.1	2,747.1	2,747.1	2,747.1	2,747.1	2,747.1	2,747.1
Renewable (4)	Conventional Hydro	4,264.2	4,264.2	4,264.2	4,264.2	4,264.2	4,264.2	4,264.2	4,264.2	4,264.2	4,264.2	4,264.2	4,264.2
	Internal Combustion (Methane)	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7
	Steam Turbine (Refuse)	230.5	230.5	230.5	230.5	230.5	230.5	230.5	230.5	230.5	230.5	230.5	230.5
	Land-Based Wind	2,453.5	2,441.9	2,441.9	3,530.9	4,137.6	4,137.6	4,137.6	4,137.6	4,137.6	4,137.6	4,137.6	4,137.6
	Offshore Wind	132.0	132.0	1,056.0	1,872.0	1,872.0	1,872.0	1,872.0	1,872.0	1,872.0	1,872.0	1,872.0	1,872.0
	Solar	573.4	683.4	1,193.4	3,062.4	5,433.0	5,982.0	5,982.0	5,982.0	5,982.0	5,982.0	5,982.0	5,982.0
Co-Located Storage	Co-located Solar & Storage Resource	0.0	0.0	0.0	20.0	530.0	780.0	780.0	780.0	780.0	780.0	780.0	780.0
	Energy Storage	17.0	17.0	388.4	758.0	1,632.3	1,837.3	1,837.3	1,837.3	1,837.3	1,837.3	1,837.3	1,837.3
	Pumped Storage Hydro	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5
GENERATING FACILITIES		37,698.9	37,654.3	39,440.0	43,032.9	47,394.5	48,398.5	48,398.5	47,944.3	47,944.3	47,944.3	47,944.3	47,944.3
Special Case Resources - SCR (3)		1,486.7	1,486.7	1,486.7	1,486.7	1,486.7	1,486.7	1,486.7	1,486.7	1,486.7	1,486.7	1,486.7	1,486.7
NYCA RESOURCE CAPABILITY (7)		39,185.6	39,141.0	40,926.7	44,519.6	48,881.2	49,885.2	49,885.2	49,431.0	49,431.0	49,431.0	49,431.0	49,431.0
Net Capacity Purchases (1) (5)		1,768.7	1,768.7	3,405.0	3,485.7	3,486.3	3,486.3	3,486.3	3,486.3	3,486.3	3,486.3	3,486.3	3,486.3
Contracts													
TOTAL RESOURCE CAPABILITY		40,954.3	40,909.7	44,331.7	48,005.3	52,367.5	53,371.5	53,371.5	52,917.3	52,917.3	52,917.3	52,917.3	52,917.3

Expected Changes (MW)

Additions (from Table IV-1) (2)	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	TOTAL
Solar	110.0	510.0	1,869.0	2,370.6	549.0						5,408.6
Land-Based Wind			1,089.0	606.7							1,695.7
Offshore Wind		924.0	816.0								1,740.0
Energy Storage		371.4	369.6	874.3	205.0						1,820.3
Solar+Energy Storage			20.0	510.0	250.0						780.0
Total Additions	110.0	1,805.4	4,163.6	4,361.6	1,004.0	0.0	0.0	0.0	0.0	0.0	11,444.6
Deactivations & Status Changes (from Tables IV-5 & IV-6) (6)											
Jet Engine (Oil)	-16.7										-16.7
Combustion Turbine (Oil)	-100.1										-100.1
Combustion Turbine (Oil & Gas)		-19.7	-570.7								-590.4
Combustion Turbine (Gas)	-26.2						-454.2				-480.4
Land-Based Wind	-11.6										-11.6
Total Deactivations & Status Changes	-154.6	-19.7	-570.7	0.0	0.0	0.0	-454.2	0.0	0.0	0.0	-1,199.2

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

WINTER CAPABILITY (MW)		Existing Generating Facilities	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36
Fossil	Steam Turbine (Oil)	818.6	818.6	818.6	818.6	818.6	818.6	818.6	818.6	818.6	818.6	818.6	818.6
	Steam Turbine (Oil & Gas)	8,494.9	8,494.9	8,494.9	8,494.9	8,494.9	8,494.9	8,494.9	8,494.9	8,494.9	8,494.9	8,494.9	8,494.9
	Steam Turbine (Gas)	1,438.4	1,438.4	1,438.4	1,438.4	1,438.4	1,438.4	1,438.4	1,438.4	1,438.4	1,438.4	1,438.4	1,438.4
	Combined Cycle (Oil & Gas)	9,636.1	9,636.1	9,636.1	9,636.1	9,636.1	9,636.1	9,636.1	9,636.1	9,636.1	9,636.1	9,636.1	9,636.1
	Combined Cycle (Gas)	2,867.2	2,867.2	2,867.2	2,867.2	2,867.2	2,867.2	2,867.2	2,867.2	2,867.2	2,867.2	2,867.2	2,867.2
	Jet Engine (Oil)	738.7	717.4	717.4	717.4	717.4	717.4	717.4	717.4	717.4	717.4	717.4	717.4
	Jet Engine (Oil & Gas)	966.8	966.8	966.8	966.8	966.8	966.8	966.8	966.8	966.8	966.8	966.8	966.8
	Jet Engine (Gas)	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
	Combustion Turbine (Oil)	584.5	467.2	467.2	467.2	467.2	467.2	467.2	467.2	467.2	467.2	467.2	467.2
	Combustion Turbine (Oil & Gas)	1,161.3	1,161.3	1,136.1	1,136.1	1,136.1	1,136.1	1,136.1	1,136.1	1,136.1	1,136.1	1,136.1	1,136.1
	Combustion Turbine (Gas)	674.5	640.4	640.4	640.4	640.4	640.4	182.8	182.8	182.8	182.8	182.8	182.8
	Internal Combustion (Oil)	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
	Internal Combustion (Oil & Gas)	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
	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
Nuclear	Steam (PWR Nuclear)	581.1	581.1	581.1	581.1	581.1	581.1	581.1	581.1	581.1	581.1	581.1	581.1
	Steam (BWR Nuclear)	2,780.7	2,780.7	2,780.7	2,780.7	2,780.7	2,780.7	2,780.7	2,780.7	2,780.7	2,780.7	2,780.7	2,780.7
Renewable (4)	Conventional Hydro	4,216.1	4,216.1	4,216.1	4,216.1	4,216.1	4,216.1	4,216.1	4,216.1	4,216.1	4,216.1	4,216.1	4,216.1
	Internal Combustion (Methane)	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7
	Steam Turbine (Refuse)	233.7	233.7	233.7	233.7	233.7	233.7	233.7	233.7	233.7	233.7	233.7	233.7
	Land-Based Wind	2,453.5	2,441.9	3,530.9	4,137.6	4,137.6	4,137.6	4,137.6	4,137.6	4,137.6	4,137.6	4,137.6	4,137.6
	Offshore Wind	132.0	132.0	1,872.0	1,872.0	1,872.0	1,872.0	1,872.0	1,872.0	1,872.0	1,872.0	1,872.0	1,872.0
	Solar	573.4	963.4	2,001.4	4,181.4	5,982.0	5,982.0	5,982.0	5,982.0	5,982.0	5,982.0	5,982.0	5,982.0
Co-Located Storage	Co-located Solar & Storage Resource	0.0	0.0	20.0	290.0	780.0	780.0	780.0	780.0	780.0	780.0	780.0	780.0
	Energy Storage	20.0	185.0	571.2	1,555.4	1,840.3	1,840.3	1,840.3	1,840.3	1,840.3	1,840.3	1,840.3	1,840.3
	Pumped Storage Hydro	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5	1,410.5
GENERATING FACILITIES		39,971.0	40,341.7	44,589.7	48,630.6	51,206.1	51,206.1	50,748.5	50,748.5	50,748.5	50,748.5	50,748.5	50,748.5
Special Case Resources - SCR (3)		1,026.1	1,026.1	1,026.1	1,026.1	1,026.1	1,026.1	1,026.1	1,026.1	1,026.1	1,026.1	1,026.1	1,026.1
NYCA RESOURCE CAPABILITY (7)		40,997.1	41,367.8	45,615.8	49,656.7	52,232.2	52,232.2	51,774.6	51,774.6	51,774.6	51,774.6	51,774.6	51,774.6
Contracts	Net Capacity Purchases (1) (5)	1,260.8	1,260.8	1,272.2	1,352.9	1,353.5	1,353.5	1,353.5	1,353.5	1,353.5	1,353.5	1,353.5	1,353.5
	TOTAL RESOURCE CAPABILITY	42,257.9	42,628.6	46,888.0	51,009.6	53,585.7	53,585.7	53,128.1	53,128.1	53,128.1	53,128.1	53,128.1	53,128.1

Expected Changes (MW)

Additions (from Table IV-1) (2)	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35+	TOTAL
Solar	390.0	1,038.0	2,180.0	1,800.6							5,408.6
Land-Based Wind		1,089.0	606.7								1,695.7
Offshore Wind		1,740.0									1,740.0
Energy Storage	165.0	386.2	984.2	284.9							1,820.3
Co-located Solar & Storage Resource		20.0	270.0	490.0							780.0
Total Additions	555.0	4,273.2	4,040.9	2,575.5	0.0	0.0	0.0	0.0	0.0	0.0	11,444.6
Deactivations & Status Changes (from Tables IV-5 & IV-6) (6)	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35+	TOTAL
Jet Engine (Oil)	-21.3										-21.3
Combustion Turbine (Oil)	-117.3										-117.3
Combustion Turbine (Oil & Gas)		-25.2									-25.2
Combustion Turbine (Gas)	-34.1					-457.6					-491.7
Land-Based Wind	-11.6										-11.6
Total Deactivations & Status Changes	-184.3	-25.2	0.0	0.0	0.0	-457.6	0.0	0.0	0.0	0.0	-667.1

Notes for Table V-2 NYCA Capacity Schedule

(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.
(2)	Additions: Projects that have either completed a Class Year Interconnection Facilities Study or an Interconnection Agreement for Non Class Year Generators, as shown in Table IV-1.
(3)	Special Case Resources (SCR) are loads capable of being interrupted upon demand and Local Generators that are not visible to the ISO's Market Information System. SCRs are subject to special rules in order to participate as Capacity suppliers.
(4)	The renewable category does not necessarily match New York State policy definitions.
(5)	Figures include the use of Unforced Capacity Deliverability Rights (UDR) and External-to-Rest of State Deliverability Rights (EDR) as currently known. For more information on the use of UDR and EDR, please see Section 4.14 of the ICAP Manual.
(6)	Noticed deactivations as shown in Table IV-5, and potential status changes as shown in Table IV-6.
(7)	NYCA resource capability inclusive of SCRs, existing generation, additions, status changes, and deactivations.

Table V-3: Historical IRM and LCR Values

Capability Year (May - April)	IRM (%)	Zone J LCR (%)	Zone K LCR (%)	G-to-J LCR (%)
2000	18.0	80.0	107.0	--
2001	18.0	80.0	98.0	--
2002	18.0	80.0	93.0	--
2003	18.0	80.0	95.0	--
2004	18.0	80.0	99.0	--
2005	18.0	80.0	99.0	--
2006	18.0	80.0	99.0	--
2007	16.5	80.0	99.0	--
2008	15.0	80.0	94.0	--
2009	16.5	80.0	97.5	--
2010	18.0	80.0	104.5	--
2011	15.5	81.0	101.5	--
2012	16.0	83.0	99.0	--
2013	17.0	86.0	105.0	--
2014	17.0	85.0	107.0	88.0
2015	17.0	83.5	103.5	90.5
2016	17.5	80.5	102.5	90.0
2017	18.0	81.5	103.5	91.5
2018	18.2	80.5	103.5	94.5
2019	17.0	82.8	104.1	92.3
2020	18.9	86.6	103.4	90.0
2021	20.7	80.3	102.9	87.6
2022	19.6	81.2	99.5	89.2
2023	20.0	81.7	105.2	85.4
2024	22.0	80.4	105.3	81.0
2025	24.4	78.5	106.5	78.8

Note: Historical Installed Reserve Margin (“IRM”) percentage values as approved by the New York State Reliability Council (“NYSRC”) and historical minimum Locational Capacity Requirement (“LCR”) values as approved by the NYISO.

This information comes in part from the NYSRC website.

Note: The Capability Year runs from the May of the listed year to the April of the following year.

For example, the 24.4% IRM for 2025 is effective for the 2025 Capability Year (May 2025 through April 2026).

Note: G-to-J LCR percentage values begin in the 2014 Capability Year following the creation of the G-to-J Locality.

Section VI

Existing Transmission Facilities

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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 (as of March 15, 2025). The information in Table VI-1 is redacted as it may contain Critical Energy Infrastructure Information.

A version of the 2025 *Gold Book* that includes this table is available to individuals with a *myNYISO* account. To access a version of the 2025 *Gold Book* that includes Table VI-1, log in to *myNYISO* and visit the *Load & Capacity Data Report (Gold Book) – Secure* folder on the following webpage:

<https://www.nyiso.com/cspp>

To register for a *myNYISO* account visit:

https://www.nyiso.com/login?p_p_id=com_liferay_login_web_portlet_LoginPortlet&p_p_lifecycle=0&com_liferay_login_web_portlet_LoginPortlet_redirect=%2F

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	232.84	4.14	0.00	0.00	0.00	0.00	76.09	0.00	0.00	0.00			313.07	(b)
CONSOLIDATED EDISON COMPANY OF NEW YORK, INC	0.00	0.00	22.02	220.60 (a)	0.37	0.00	421.82 (b) (i)	185.14 (h)	5.30	0.00			855.25	
LONG ISLAND POWER AUTHORITY	0.00	0.00	258.94	184.28 (e)	0.00	0.00	0.00	9.30 (g)	0.00	0.00	24.00	66.00 (g)	542.52	
NEW YORK POWER AUTHORITY	53.95 (f)	1.79	0.00	0.00	338.03	0.00	977.21	42.76	0.00	155.23			1,568.97	
NEW YORK STATE ELECTRIC & GAS CORPORATION	1,489.54	7.51	0.00	0.00	241.09	0.00	550.45	0.00	0.00	0.00			2,288.59	
NATIONAL GRID WESTERN, CENTRAL & EASTERN	3,934.12	27.08	0.00	0.00	354.81	20.19	692.14	0.00	0.00	0.00			5,028.34	
ORANGE AND ROCKLAND UTILITIES INC.	0.00	0.00	85.97	10.67 (a)	0.00	0.00	62.72 (b)	3.44 (d)	0.00	0.00			162.80	
ROCHESTER GAS AND ELECTRIC CORPORATION	283.46	37.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			320.51	
NEW YORK TRANSCO, LLC	68.94		0.14				90.58						159.66	
NextEra ENERGY TRANSMISSION NEW YORK, INC.							20.00						20.00	
LS POWER GRID NEW YORK CORPORATION I					0.11		87.75						87.86	
TOTALS BY kV CLASS (c)	6,062.9	77.6	367.1	415.5	934.4	20.2	2,931.5	240.6	5.3	155.2	24.0	66.0	11,300.3	(c)

TOTAL OVERHEAD = 10,456.4 (c)
 TOTAL UNDERGROUND = 843.9 (c)
 TOTAL = 11,300.3 (c)

- Notes:**
- (a) 1.4 circuit miles are owned by GenOn
 - (b) 47.2 circuit miles are jointly owned by Con Ed and Orange & Rockland
 - (c) These totals reflect the appropriate adjustments for jointly owned facilities (footnote b)
 - (d) 3.4 circuit miles are owned by GenOn as indicated in the list of existing transmission facilities
 - (e) Includes 5.6 miles of three parallel cables from LIPA's Northport to the NY/CT State Border (middle of Long Island Sound). Additional 3.9 miles energized in 1983 is part of an existing cable circuit between Newbridge and Bagatelle.
 - (f) 18.54 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

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Section VII

This section contains the list of firm and non-firm proposed transmission projects and merchant transmission projects (as of March 15, 2025). Projects that were placed in-service since the publication of the 2024 *Gold Book* are maintained on the list of proposed transmission projects for one year.

Table VII: Proposed Transmission Facilities

[Project Queue Position] / Project Notes	Transmission Owner	Terminals	Line Length In Miles (1)	Proposed In-Service Prior to (2) Year	Nominal Voltage In kV		# of cks	Thermal Ratings (4)		Project Description / Conductor Size	Class Year / Type of Construction		
					Operating	Design		Summer	Winter				
Class Year Transmission Projects (18)													
[631],15,21	CHPE LLC	Hertel 735kV (Quebec)	Astoria Annex 345kV	363.0	S	2026	400	400	1	1000 MW	1000 MW	-/+ 320kV Bipolar HVDC cable	2021
[887],15,21	CHPE LLC	Hertel 735kV (Quebec)	Astoria Annex 345kV	363.0	S	2026	400	400	1	250 MW	250 MW	-/+ 320kV Bipolar HVDC cable	2021
[1288]	Clean Path New York LLC	Fraser 345kV	Rainey 345kV	173.0	S	2028	492	492	1	1300 MW	1300 MW	-/+ 400kV Bipolar HVDC cable	2023
TIP Projects (19) (Included In FERC 745 Base Case)													
556	NGRID	Rotterdam	Rotterdam	Remove 77H Bus	S	2028	230	230	N/A	N/A	N/A	Rotterdam 230kV Substation 77H Bus and 230-115kV #7 and #8 Transformers Retired and #6 230-115kV Moved to Existing #7 Transformer Position	
556	LSP	Gordon Rd (New Station)	Gordon Rd (New Station)	Remove transformer	S	2029	345/230	345/230	1	637 MVA	760 MVA	Gordon Road T9/TR_G1 345/230 kV transformer is to retire by Spring 2029	
556	LSP/NGRID	Gordon Rd (New Station)	Rotterdam	-0.1	S	2029	230	230	1	1260	1500	Gordon Road T9/TR_G1 345/230 kV transformer to retire by Spring 2029; Line#31 series jumper is to also retire with the transformer T9	
556	LSP	Gordon Rd (New Station)	Rotterdam	Transformer	S	2029	345/115	345/115	2	882 MVA	996 MVA	Two Gordon Road 345/115 kV transformers are to come online by Spring 2029; AC Transmission Seg A project	
543	New York Transco	Dover (New Station)	Dover (New Station)	Phase Shifter	S	2025	345	345	—	2510	2510	Loop Line 398 into new substation and install 2 x 750 MVAR PARs	—
543	New York Transco	Cricket Valley	CT State Line	-3.5	S	2025	345	345	1	2220	2700	Loop Line into new Dover Substation/2-795 ACSS	OH
543	New York Transco	Cricket Valley	Dover (New Station)	0.4	S	2025	345	345	1	2220	2700	Loop Line into new Dover Substation/2-795 ACSS	OH
543	New York Transco	Dover (New Station)	CT State Line	3.0	S	2025	345	345	1	2220	2700	Loop Line into new Dover Substation/2-795 ACSS	OH
1125	NYP&A	Edic	Marcy	1.4	W	2025	345	345	1	4030	4880	SPCP Terminal Equipment Upgrades to existing line	
1125	NYP&A	Moses	Haverstock	2.0	W	2025	230	230	3	1089	1330	SPCP: Existing Moses - Adirondack (MA1), Moses - Adirondack (MA2), and Moses - Willis (MW2) 230 kV Lines to Haverstock Substation.	
												1 - 795 kcmil ACSR 26/7 "Drake"	
1125	NYP&A	Moses	Moses	Substation	W	2025	230	230	N/A	N/A	N/A	SPCP: Terminal Upgrades at Moses 230 kV Substation and Transformer T3 and MW-2 breaker positions interchanged	
1125	NYP&A	Haverstock	Haverstock	Transformer	W	2025	230/345	230/345	3	753	753	SPCP: Haverstock 230/345 kV xfmr-1, xfmr-2 and xfmr-3. Given Amp Ratings are for High Voltage side of xfmr.	
1125	NYP&A	Haverstock	Haverstock	Substation	W	2025	345	345	N/A	N/A	N/A	SPCP: Haverstock 345 kV Substation. New Shunt Capacitor Banks.	
1125	NYP&A	Haverstock	Adirondack	83.7	W	2025	345	345	2	2177	2663	SPCP: Existing Moses - Adirondack (MA1), Moses - Adirondack (MA2) 230kV lines to Haverstock Substation.Creating new Haverstock to Adirondack (HA1) and Haverstock to Adirondack (HA2) 345kV lines.	
												2 - 795 kcmil ACSR 26/7 "Drake"	
1125	NYP&A	Adirondack	Adirondack	Transformer	W	2025	115/345	115/345	1	192	221	SPCP: Adirondack 115/345 kV xfmr. Given Amp Ratings are for High Voltage side of xfmr.	
1125	NYP&A	Adirondack	Adirondack	Substation	W	2025	345	345	N/A	N/A	N/A	SPCP: Adirondack 345 kV Substation. New Shunt Capacitor Banks. New Shunt Reactor Banks.	
1125	NYP&A	Haverstock	Willis	35.0	S	2026	345	345	2	3119	3660	SPCP: Existing Moses - Willis (MW1) and Moses - Willis (MW2) 230 kV Lines diverted to Haverstock Substation. Creating Haverstock - Willis (HW1) and Haverstock - Willis (HW1) 345 kV Lines.	
												2 - 795 kcmil ACSR 26/7 "Drake"	
1125	NYP&A	Willis	Willis	Transformer	W	2025	345/230	345/230	2	2259	2259	SPCP: Willis 345/230 kV xfmr-1 and xfmr-2. Given Amp Ratings are for High Voltage side.	
1125	NYP&A	Willis	Willis	Substation	W	2025	230	230	N/A	N/A	N/A	SPCP: New Willis 345 kV Substation. New Shunt Capacitor Bank.	
1125	NYP&A	Willis	Patnode	8.7	W	2025	230	230	2	2078	2440	SPCP: Two Willis - Patnode 230 kV Lines.	
												1 - 1272 kcmil ACSR 45/7 "Bittern"	
1125	NYP&A	Willis	Ryan	6.6	S	2026	230	230	2	2078	2440	SPCP: Two Willis - Ryan 230 kV Lines.	
												1 - 1272 kcmil ACSR 45/7 "Bittern"	
1125	NYP&A	Ryan	Ryan	Substation	W	2025	230	230	N/A	N/A	N/A	SPCP: Terminal Upgrades at Ryan 230 kV Substation.	
1125	NYP&A	Patnode	Patnode	Substation	W	2025	230	230	N/A	N/A	N/A	SPCP: Terminal Upgrades at Patnode 230 kV Substation.	
1125	NYP&A	Willis (Existing)	Willis (New)	0.4	S	2026	230	230	2	2078	2440	SPCP: Two Willis (existing) - Willis (New) 230 kV Lines.	
												1 - 1272 kcmil ACSR 45/7 "Bittern"	
1125	NYP&A/NGRID	Adirondack	Austin Road	11.6	W	2025	345	345	1	3119	3660	SPCP: Adirondack - Austin Road Circuit-1 345 kV Line.	
												2 - 795 kcmil ACSR 26/7 "Drake"	
1125	NYP&A/NGRID	Adirondack	Marcy	52.6	W	2025	345	345	1	3119	3660	SPCP: Adirondack - Marcy Circuit-1 345 kV Line.	
												2 - 795 kcmil ACSR 26/7 "Drake"	
1125	NGRID	Austin Road	Edic	42.5	W	2025	345	345	1	3119	3660	SPCP: Austin Road -Edic Circuit-1 345 kV Line.	
												2 - 795 kcmil ACSR 26/7 "Drake"	
1125	NGRID	Rector Road	Austin Road	1.0	W	2025	230	230	1	1089	1330	SPCP: Rector Road - Austin Road Circuit-1 230 kV Line.	
												1 - 795 kcmil ACSR 26/7 "Drake"	
1125	NGRID	Austin Road	Austin Road	Transformer	W	2025	230/345	230/345	1	753	753	SPCP: Austin Road 230/345 kV xfmr. Given Amp Ratings are for High Voltage side of xfmr.	
1125	NGRID	Austin Road	Austin Road	Substation	W	2025	345	345	N/A	N/A	N/A	SPCP: Austin Road 345 kV Substation.	
1125	NGRID	Edic	Edic	Substation	W	2025	345	345	N/A	N/A	N/A	SPCP: Terminal Upgrades at Edic 345 kV Substation. New Shunt Capacitor Bank.	
1125	NYP&A	Marcy	Marcy	Substation	W	2025	345	345	N/A	N/A	N/A	SPCP: Terminal Upgrades at Marcy 345 kV Substation.	
1125	NGRID	Chases Lake	Chases Lake	Substation	W	2025	230	230	N/A	N/A	N/A	SPCP: Retire 230kV Substation.	
1125	NYP&A	Moses	Massena	Series Reactor	S	2025	230	230	2	3840	4560	SPCP: Install Series Reactors on Moses-Massena 230 kV Lines	
1125	NYP&A	Moses	Adirondack	-85.7	W	2025	230	230	2	N/A	N/A	SPCP: Retire Existing Moses - Adirondack MA1 and MA2 230 kV Lines	
1125	NYP&A	Moses	Willis	-37.0	S	2026	230	230	2	N/A	N/A	SPCP: Retire Existing Moses - Willis MW1 and MW2 230 kV Line	
631/887	NYP&A	Astoria Annex	Rainey	3.4	S	2026	345	345	1	2099	2099	Q#631 and Q# 887 are part of Class Year 2021. It includes an elective System Upgrade Facility, Astoria Annex - Rainey 345kV XLPE cable. Conductor Type : XLPE Cable	CY 2021 / Under Ground Cable (UG)
1125	NGRID	Adirondack	Porter	-54.4	W	2025	230	230	1	N/A	N/A	SPCP: Retire Existing Adirondack - Porter 230 kV Line	
1125	NGRID	Adirondack	Chases Lake	-11.1	W	2025	230	230	1	N/A	N/A	SPCP: Retire Existing Adirondack - Chases Lake 230 kV Line	
1125	NGRID	Chases Lake	Porter	-43.5	W	2025	230	230	1	N/A	N/A	SPCP: Retire Existing Chases Lake - Porter 230 kV Line	
1125	NYP&A	Willis	Patnode	-8.7	W	2025	230	230	1	N/A	N/A	SPCP: Retire Existing Willis - Patnode WPN1 230 kV Line.	
1125	NYP&A	Willis	Ryan	-6.6	S	2026	230	230	1	N/A	N/A	SPCP: Retire Existing Willis - Ryan WRY2 230 kV Line.	
1289_24	NYP&A	Uniondale Hub	Uniondale Hub	-	S	2029	345	345	N/A	N/A	N/A	LI PPTN: Station Upgrade	-
1289_23_24	NYP&A	Uniondale Hub	Uniondale Hub	PAR	S	2029	345	345	1	709 MVA	897 MVA	LI PPTN: New PAR for Y54 Line	-
1289_23_24	NYP&A	Uniondale Hub	Uniondale Hub	Shunt Reactor	S	2029	345	345	-	N/A	N/A	LI PPTN: Two (2) New Shunt Reactors. 300 MVAR and 120 MVAR	-
1289_24	NYP&A/TRANSCO	Uniondale Hub	New Shore Road	10.3	S	2030	345	345	1	819 MVA	901 MVA	LI PPTN: New 345 kV Circuit (4000kcmil XLPE)	UG
1289_24	NYP&A/TRANSCO	Uniondale Hub	Barrett	8.8	S	2030	345	345	1	819 MVA	901 MVA	LI PPTN: New 345 kV Circuit (4000kcmil XLPE)	UG
1289_24	NYP&A/TRANSCO	Uniondale Hub	Tremont	23.5	S	2030	345	345	1	819 MVA	901 MVA	LI PPTN: New 345 kV Circuit (4000kcmil XLPE)	UG
1289	NYP&A/TRANSCO	Barrett	Barrett	-	S	2030	345	345	N/A	N/A	N/A	LI PPTN: New 345 kV Substation	-
1289	NYP&A/TRANSCO	Barrett	Barrett	Shunt Reactor	S	2030	345	345	-	N/A	N/A	LI PPTN: New 100 MVAR Shunt Reactor at New Barrett 345 kV	-
1289	NYP&A/TRANSCO	Barrett	Barrett	Transformer	S	2030	345/138	345/138	2	462 MVA	540 MVA	LI PPTN: Two (2) New Transformers	-
1289	NYP&A/TRANSCO	Barrett	Barrett	PAR	S	2030	138	138	2	462 MVA	540 MVA	LI PPTN: Two (2) New Phase Angle Regulators for Barrett 345/138 kV	-

Table VII: Proposed Transmission Facilities (cont'd)

[Project Queue Position] / Project Notes	Transmission Owner	Terminals		Line Length In Miles (1)	Proposed In-Service Prior to (2) Year	Nominal Voltage In kV Operating Design		# of	Thermal Ratings (4)			Project Description / Conductor Size	Class Year / Type of Construction
									Summer	Winter			
1289	NYP&A/TRANSCO	New Shore Road	New Shore Road	-	S 2030	345	345	N/A	N/A	N/A		LI PPTN: New 345 kV Substation	-
1289	NYP&A/TRANSCO	New Shore Road	New Shore Road	Transformer	S 2030	345/138	345/138	1	462 MVA	540 MVA		LI PPTN: One (1) New Transformer	-
1289	NYP&A/TRANSCO	New Shore Road	New Shore Road	PAR	S 2030	138	138	1	462 MVA	540 MVA		LI PPTN: One (1) New Phase Angle Regulator	-
1289	NYP&A/TRANSCO	New Shore Road	New Shore Road	Shunt Reactor	S 2030	345	345	-	N/A	N/A		LI PPTN: Three (3) New Shunt Reactors, 150, 150, 106 MVAR	-
1289	NYP&A/TRANSCO	New Shore Road	New Shore Road	PAR	S 2030	345	345	2	709 MVA	897 MVA		LI PPTN: Two (2) New Phase Angle Regulators for Y57/Y58	-
1289	NYP&A/TRANSCO	New Shore Road	New Ruland Road	17.8	S 2030	345	345	1	819 MVA	901 MVA		LI PPTN: New 345 kV Circuit (4000kcmil XLPE)	UG
1289	NYP&A/TRANSCO	New Shore Road	Sprain Brook	18.1	S 2030	345	345	2	819 MVA	901 MVA		LI PPTN: Two (2) New 345 kV Circuits (4000kcmil XLPE/1400mm2 Tri-core)	UG
1289	NYP&A/TRANSCO	Shore Road	Syosset	11.3	S 2030	138	138	1	360 MVA	400 MVA		LI PPTN: New 138 kV Circuit (4000kcmil XLPE)	UG
1289	NYP&A/TRANSCO	New Rochelle	New Rochelle	-	S 2030	345	345	N/A	N/A	N/A		LI PPTN: New 345 kV Transition Substation	-
1289	NYP&A/TRANSCO	New Ruland Road	New Ruland Road	-	S 2030	345	345	N/A	N/A	N/A		LI PPTN: New 345 kV Substation	-
1289	NYP&A/TRANSCO	New Ruland Road	New Ruland Road	-	S 2030	138	138	N/A	N/A	N/A		LI PPTN: New 138 kV Substation	-
1289	NYP&A/TRANSCO	New Ruland Road	New Ruland Road	Transformer	S 2030	345/138	345/138	3	462 MVA	540 MVA		LI PPTN: Three (3) New Transformers	-
1289	NYP&A/TRANSCO	New Ruland Road	New Ruland Road	PAR	S 2030	345	345	1	607 MVA	648 MVA		LI PPTN: One (1) New Phase Angle Regulator for Y55	-
1289	NYP&A/TRANSCO	New Ruland Road	New Ruland Road	Shunt Reactor	S 2030	345	345	-	N/A	N/A		LI PPTN: Two (2) New Shunt Reactors, 150 MVAR each.	-
1289	ConEd	Tremont	Tremont	Reconfiguration	S 2030	345	345	N/A	N/A	N/A		LI PPTN: Ring bus 345kV GIS installation	-
1289	ConEd	Sprain Brook	Sprain Brook	Reconfiguration	S 2030	345	345	N/A	N/A	N/A		LI PPTN: Additional bay(s) installation	-
1289	ConEd	Sprain Brook	Sprain Brook	Reconfiguration	S 2030	345	345	N/A	N/A	N/A		LI PPTN: Shunt reactor(s) installation	-
1667	ConEd	Rainey	Rainey	Reconfiguration	S 2030	345	345	N/A	N/A	N/A		LI PPTN: Installation of breakers	-
1125	NGRID	Edic	Porter	-0.4	W 2025	230	230	1	N/A	N/A		SPCP: Retire Existing Edic-Porter #17 230kV Line	-
1289	LUPA	Valley Stream	Valley Stream	-	S 2030	-	-	-	N/A	N/A		LI PPTN: Substation Relay Protection Upgrade	-
1289	LUPA	Barrett	Barrett	-	S 2030	-	-	-	N/A	N/A		LI PPTN: Substation Relay Protection Upgrade	-
1289	LUPA	Lake Success	Lake Success	-	S 2030	-	-	-	N/A	N/A		LI PPTN: Substation Relay Protection Upgrade	-
1289, 24	LUPA	Stewart Ave	Stewart Ave	Series Reactors	S 2030	138kV	138kV	-	N/A	N/A		LI PPTN: Series Reactors on circuits 138-462/463	-
1289, 24	LUPA	Stewart Ave	Stewart Ave	Series Reactor	S 2030	138kV	138kV	-	N/A	N/A		LI PPTN: Series Reactor on circuits 138-262	-
1289, 24	LUPA	Stewart Ave	Stewart Ave	-	S 2030	-	-	-	N/A	N/A		LI PPTN: Substation Relay Protection Upgrade	-
1289	LUPA	Syosset	Oakwood	2.7	S 2030	138kV	138kV	1	TBD	TBD		LI PPTN: Reconfigure the existing circuit to a 2-cable circuit	UG
1289	LUPA	Syosset	Greenlawn	2.7	S 2030	138kV	138kV	1	TBD	TBD		LI PPTN: Reconfigure the existing circuit to a 2-cable circuit	UG
1289	LUPA	Newbridge Road	Newbridge Road	-	S 2030	138kV	138kV	-	N/A	N/A		LI PPTN: Replace Substation Breaker 1460	-
1289, 24	LUPA	Uniondale Hub	Ruland Road	12.4	S 2030	345kV	345kV	1	TBD	TBD		LI PPTN: reconductor/convert 138-467/567 to 345kV operation	UG
1289	LUPA	Newbridge Road	Newbridge Road	0.6	S 2030	345kV	345kV	1	TBD	TBD		LI PPTN: New circuit connect between 138-467 and 138-567	UG
1289	LUPA	Northport	Northport	PAR	S 2030	138kV	138kV	-	TBD	TBD		LI PPTN: Install a new 138kV Phase Angle Regulating Transformer	-
1289	LUPA	Ruland Road	Ruland Road	Series Reactors	S 2030	138kV	138kV	-	N/A	N/A		LI PPTN: Series Reactors on circuits 138-561/562	-
1289	LUPA	Holbrook	Holbrook	-	S 2030	138kV	138kV	-	N/A	N/A		LI PPTN: Replace Switch 1322 with a breaker	-
1289	LUPA	Syosset	Syosset	PAR	S 2030	138kV	138kV	-	TBD	TBD		LI PPTN: Install a new 138kV Phase Angle Regulating Transformer	-
1289	LUPA	Shore Road	Shore Road	Reconfiguration	S 2030	138kV	138kV	-	TBD	TBD		LI PPTN: Expand substation and add terminals	-
1289	LUPA	Ruland Road	Ruland Road	Reconfiguration	S 2030	138kV	138kV	-	TBD	TBD		LI PPTN: Expand substation and add terminals	-
1289	LUPA	Barrett	Barrett	Substation	S 2030	138kV	138kV	-	TBD	TBD		LI PPTN: NUF to accommodate two terminals	-
Firm Plans (5) (Included in FERC 715 Base Case)													
3	CHGE	Kerhonkson	Kerhonkson	Transformer	In-Service	2024	115/69	115/69	1	827	1006	Add Transformer 4	-
11, 3	CHGE	Galeville	Kerhonkson	9.2	In-Service	2024	115	115	1	1010	1245	1-795 ACSR: Convert to 115 kV Operation	OH
11, 3	CHGE	Modena	Galeville	4.6	In-Service	2024	115	115	1	1010	1245	1-795 ACSR: Convert to 115 kV Operation	OH
11, 3	CHGE	Hurley Ave	Saugerties	11.5	In-Service	2024	69	115	1	1114	1359	1-795 ACSR	OH
3	CHGE	Myers Corners	Knapps Corners	2.9	In-Service	2025	69	69	1	879	1096	Line rebuild	OH
	CHGE	Hurley Avenue	Leeds	Static synchronous series compensator	S	2025	345	345	1	2336	2866	21% Compensation	-
	CHGE	South Cairo	South Cairo	Substation	S	2025	69	69	N/A	N/A	N/A	Install statcom and cap bank	-
	CHGE	Kerhonkson	Kerhonkson	Transformer	W	2025	115/69	115/69	1	827	1006	Add Transformer 3	-
11	CHGE	High Falls	Kerhonkson	10.0	W	2025	115	115	1	1010	1245	1-795 ACSR: Convert to 115 kV Operation	OH
	CHGE	Sugarloaf	NY/NJ State Line	-10.3	W	2025	115	115	2	N/A	N/A	Retire SD/SJ Lines	OH
11	CHGE	St. Pool	High Falls	5.7	W	2025	115	115	1	1010	1245	1-795 ACSR: Convert to 115 kV Operation	OH
	CHGE	New Baltimore	New Baltimore	Substation	W	2025	69	69	N/A	N/A	N/A	Install statcom and cap bank	-
	CHGE	Clinton Ave	Clinton Ave	Substation	W	2025	69	69	N/A	N/A	N/A	Retire Clinton Ave tap	-
11	CHGE	Saugerties	North Catskill	12.5	S	2026	69	115	1	1114	1359	1-795 ACSR	OH
	CHGE	North Catskill	Churchtown	2.9	S	2027	115	115	1	1010	1245	Rebuild of CHG&E's Portion	OH
	CHGE	Hork Falls	East Delaware	13.5	S	2028	69	69	1	810	594	Line rebuild	OH
	CHGE	East Delaware	West Delaware	0.6	S	2028	69	69	1	536	644	Line rebuild	OH
	CHGE	West Delaware	Neversink	2.0	S	2028	69	69	1	402	427	Line rebuild	OH
	CHGE	North Catskill	Cosackie	8.6	S	2029	69	115	1	1280	1565	Line rebuild	OH
6	CHGE	Knapps Corners	Spackenkill	2.4	W	2029	115	115	1	1280	1563	1-1033 ACSR	OH
	CHGE	Pleasant Valley	East Park	6.8	W	2030	69	115	1	1088	1330	Line rebuild	OH
	CHGE	East Park	Staatsburg	4.5	W	2030	69	115	1	1088	1330	Line rebuild	OH
	CHGE	Staatsburg	Rhinebeck	7.8	W	2030	69	115	1	1088	1330	Line rebuild	OH
ConEd	Hudson Ave East	Vinegar Hill Distribution Switching Station	-	S	2025	138/27	138/27	N/A	N/A	N/A		Reconductoring to accommodate additional capacity	UG
ConEd	Gowanus	Greenwood	Xfmr/PAR/Feeder	S	2025	345/138	345/138	N/A	N/A	N/A		New PAR regulated feeder (third connection)	UG
ConEd	Mott Haven	MTA/Amtrak	-	S	2025	138/13	138/13	N/A	N/A	N/A		Connection to MTA/Amtrak	-
ConEd	Goethals	Fox Hills	Xfmr/PAR/Feeder	S	2025	345/138	345/138	N/A	N/A	N/A		New PAR regulated feeder	UG
ConEd	Parkchester	MTA/Amtrak	-	S	2026	138/13	138/13	N/A	N/A	N/A		Connection to MTA/Amtrak	-
ConEd	Gowanus	Greenwood	Xfmr/PAR/Feeder	S	2026	345/138	345/138	N/A	N/A	N/A		New PAR regulated feeder (fourth connection)	UG
ConEd	Millwood West	Millwood West	Transformer	S	2026	345/138	345/138	N/A	N/A	N/A		Replacing xfmr TA1	-
ConEd	Astoria East	Astoria Annex	Feeder	S	2026	138	138	2086	2599			Elective System Upgrade Facility for Q631 NS Power Express (reconducting feeder 34091)	OH
ConEd	Rainey	Rainey	Transformer	S	2026	345/138	345	N/A	N/A	N/A		Replacing xfmr 3W	-
ConEd	Buchanan North	Buchanan North	Reconfiguration	S	2026	345	345	N/A	N/A	N/A		Reconfiguration (separating feeder Y94 and xfmr TA5 by adding breaker 12)	-
ConEd	Fresh Kills	Fresh Kills	Transformer	S	2026	345/138	345	N/A	N/A	N/A		Replacing xfmr TA1	-

Table VII: Proposed Transmission Facilities (cont'd)

[Project Queue Position] / Project Notes	Transmission		Terminals	Line Length In Miles (1)	Proposed In-Service Prior to (2) Year	Nominal Voltage In kV		# of ckts	Thermal Ratings (4)		Project Description / Conductor Size	Class Year / Type of Construction	
	Owner					Operating	Design		Summer	Winter			
	ConEd	Brooklyn Clean Energy Hub (BCEH)	Brooklyn Clean Energy Hub (BCEH)	Substation	S	2028	345	345	N/A	N/A	New 345 kV Substation	-	
	ConEd	Brooklyn Clean Energy Hub (BCEH)	Gateway Park	Substation	S	2028	345/138/1345/138/13	138	N/A	N/A	New Area Substation	-	
	ConEd	Eastern Queens	Eastern Queens	Substation	S	2028	138	138	N/A	N/A	New 138 kV Substation	-	
	ConEd	Eastern Queens	Idlewild	Substation	S	2028	138/27	138/27	N/A	N/A	New Area Substation	-	
	ConEd	East 179th St.	Parkchester No. 1	Transformer	S	2029	138/13	138/13	N/A	N/A	Spare 138/13.8 kV xfrm at Parkchester No. 1	-	
	ConEd	Mott Haven	Parkview	-	S	2029	345/138/1345/138/13	138	N/A	N/A	Spare 345/138 kV xfrm at Mott Haven and a spare 138/13.8 kV xfrm at Parkview	UG	
	ConEd	Fox Hills	Fox Hills	Transformer	S	2030	138/33	138/33	N/A	N/A	Spare 138/33 kV xfrm at Fox Hills	-	
	ConEd	Dunwoodie North	Cedar St.	Transformer	S	2031	138/13	138/13	N/A	N/A	Spare 138/13.8 kV xfrm at Cedar St.	-	
	ConEd	Brooklyn Clean Energy Hub (BCEH)	Nevins	Substation	S	2032	138/27	138/27	N/A	N/A	Greenwood Transmission Load Area	-	
	ConEd	Brooklyn Clean Energy Hub (BCEH)	East 13th St.	Feeder	S	2033	345	345	N/A	N/A	Reconnection of existing 345 kV transmission feeders 45 and 46	-	
	ConEd	Eastern Queens	Hillside	Substation	S	2033	138/27	138/27	N/A	N/A	New Area Substation	-	
3	ConEd	Brooklyn Clean Energy Hub (BCEH)	Atlantic	Substation	S	2034	345/138/2745/138/27	138	N/A	N/A	New Area Substation	-	
	LIPA	Anverne	Rockaway Beach	2.9	In-Service	2024	34.5	34.5	1	986	1002	2500kcmil	UG
	LIPA	East of Buell	East of Buell	-	In-Service	2024	34.5	34.5	-	-	-	Convert 23kV System to 34.5 kV System	-
	LIPA	Elwood	Northport	-	S	2025	138	138	1	362MVA	406MVA	Replace 2300AL strain bus connections with Double 1192AL at Elwood Substation	-
	LIPA	Elwood	Greenlawn	-	S	2025	138	138	1	366MVA	382MVA	Replace 2300AL strain bus connections with Double 1192AL at Elwood Substation	-
	LIPA	Hauppauge	Central Islip	-	S	2025	138	138	1	232MVA	251MVA	Replace single 1192AL strain bus connections with Double 1192AL at Hauppauge Substation	-
	LIPA	Hauppauge	Pilgrim	-	S	2025	138	138	1	297MVA	357MVA	Replace single 1192AL strain bus connections with Double 1192AL at Hauppauge Substation	-
	LIPA	Bridgehampton	Buell	-	S	2025	69	69	1	110MVA	120MVA	Installation of New 69kV circuit from Bridgehampton to Buell. 2500 MCM CU XLPE	UG
	LIPA	Bayport	MacArthur	3.7	S	2028	69	69	1	106MVA	139MVA	Reconducting 2.11 miles of 477 kcmil ACSR with a larger conductor	-
	LIPA	Ocean Avenue	Barrett	Series Reactor	S	2028	34.5	34.5	N/A	N/A	Add 2 ohm series reactor to Ocean Ave for circuit 33-220/222	-	
22	NGRID/NYSEG	Mortimer	Station 56	Station 56	In-Service	2024	115	115	1	649	788	Mortimer-Pannell #24 Loop in-and-out of NYSEG's Station 56	-
22	NGRID	Station 56	Pannell	Pannell	In-Service	2024	115	115	1	649	788	Mortimer-Pannell #24 Loop in-and-out of NYSEG's Station 56	-
	NGRID	Alcoa	Alcoa	Substation	In-Service	2024	115	115	-	N/A	N/A	Upgrade limiting equipment at Alcoa	-
	NGRID	Mortimer	Mortimer	-	In-Service	2024	115	115	-	N/A	N/A	Second 115kV Bus Tie Breaker at Mortimer Station	-
	NGRID	Stoner	Stoner	-	In-Service	2024	115	115	-	N/A	N/A	Upgrade limiting equipment at Stoner	CLCPA
6	NGRID	Gardenville	Dunkirk	20.5	In-Service	2024	115	115	2	1105	1346	Replace 20.5 miles of 141 and 142 lines from Gardenville to North Angola	OH
	NGRID	Clay	Woodard	-	In-Service	2024	115	115	1	1105	1347	Add 10.5mH reactor on line #17	OH
	NGRID	Clay	Wetzel	3.7	S	2025	115	115	1	220 MVA	220 MVA	Add a breaker at Clay and build approximately 2000 feet of 115kV to create radial line	-
	NGRID	Terminal	Terminal	-	S	2025	115	115	-	N/A	N/A	Rebuild 115/13.2kV Terminal substation	-
	NGRID	Oswego	Oswego	-	S	2025	345	345	-	N/A	N/A	Rebuild of Oswego 345kV Station (asset separation).	-
	NGRID	Colton	Dennison	-	S	2025	115	115	1	916	1118	Replace Station connections, Line #4	-
	NGRID	Andover	Andover	-	S	2025	115	115	-	N/A	N/A	115kV Terminal Equipment at Andover (CLCPA)	-
	NGRID	Nile Hill	Nile Hill	-	S	2025	115	115	-	N/A	N/A	Upgrade terminal equipment at Nile Hill Switch Structure (CLCPA)	-
	NGRID	North LeRoy	North LeRoy	-	S	2025	115	115	-	N/A	N/A	115kV, North LeRoy Terminal Upgrade (CLCPA)	-
	NGRID	Colton	Dennison	-	S	2025	115	115	1	916	1118	Replace Station connections, Line #5	-
22	NGRID	Cortland	Clarks Corners	0.2	W	2025	115	115	1	176MVA	224MVA	Replace 0.2 miles of 1(716) line and series equipment	OH
	NGRID	Mohican	Mohican	-	W	2025	115	115	-	N/A	N/A	Replace 115kV and 34.5kV assets, add 13.2kV substation	-
	NGRID	Rotterdam	Rotterdam	-	W	2025	115	115	-	N/A	N/A	Upgrade terminal equipment on Lines 10 & 12 at Rotterdam	CLCPA
	NGRID	Dennison	Dennison	Substation	W	2025	115	115	-	N/A	N/A	Replace conductor between take off and disconnects	-
	NGRID	East Conklin	East Conklin	Substation	W	2025	345	345	-	N/A	N/A	Replace three 345kV switches	-
	NGRID	Bailey	Bailey	Substation	W	2025	345	345	-	N/A	N/A	Replace two 345kV switches	-
	NGRID	Browns Falls	Browns Falls	-	S	2026	115	115	-	N/A	N/A	Build new SubT facilities to separate assets from the hydroplant	-
	NGRID	Packard	Praxair	-	S	2026	115	115	2	N/A	N/A	Remove existing station, replace with a new 115/13.2kV substation.	-
	NGRID	Indian River	North Watertown	8.6	S	2026	115	115	1	3036	3280	New 8.6 mile 115kV circuit with 795ACSR to create a loop connecting two existing radial circuits	OH
	NGRID	Volney	Volney	Substation	S	2026	345	345	-	N/A	N/A	Replace twelve 345kV Switches	-
	NGRID	Colton	Browns Falls	-	S	2026	115	115	1	629	764	Flat Rock station (mid-line) upgrades	OH
	NGRID	Malone	Malone	-	W	2026	115	115	-	753	753	Install PAR on Malone - Willis line 1-910	-
	NGRID	Malone	Malone	-	W	2026	115	115	-	N/A	N/A	Expand 115-13.2kV substation with a second transformer and feeders	-
	NGRID	Manheim (Inghams)	Manheim (Inghams)	Substation	W	2026	115	115	N/A	N/A	N/A	Relocation of the Inghams substation to Manheim (PAR replacement)	-
	NGRID	Mallory Road	Mallory Road	Substation	W	2026	115	115	-	N/A	N/A	Add breakers at new Mallory Road station	-
	NGRID	Packard	Huntley	9.1	S	2027	115	115	1	262MVA	275MVA	Walck-Huntley #133, Packard-Huntley #130 Reconnector	OH
	NGRID	Walck	Huntley	9.1	S	2027	115	115	1	262MVA	275MVA	Walck-Huntley #133, Packard-Huntley #130 Reconnector	OH
	NGRID	Oneida	Oneida	-	S	2027	115	115	-	-	-	115kV Oneida Station Rebuild & add Cap bank.	-
22	NGRID	Amsterdam	Rotterdam	1	S	2027	69	69	2	584	708	Rebuild approximately 1 mile of 69kV. The Amsterdam - Rotterdam project changes the impedances of two 69kV line sections, no ratings impacts.	-
	NGRID	Elm St	Elm St	-	S	2027	230/23	230/23	-	118MVA	133MVA	Replace TR2 as failure	-
	NGRID	Taylorville	Taylorville	Substation	S	2027	115	115	-	N/A	N/A	Rebuild as Breaker 1/2	-
	NGRID	Middle Road	Middle Road	Substation	S	2027	115	115	-	N/A	N/A	Convert Middle Road station to a six-breaker ring station	-
	NGRID	Coffeen	Coffeen	-	S	2027	115	115	-	N/A	N/A	Coffeen Overvoltage	-
	NGRID	Clinton	Clinton	-	S	2027	115	115	-	N/A	N/A	Upgrade limiting equipment at Clinton (CLCPA)	CLCPA
	NGRID	Clay	Clay	Substation	S	2027	345	345	-	N/A	N/A	Build out two bays at Clay 345kV substation. Extend 345kV cables to Customer Substation	-
	NGRID	Rotterdam	Rotterdam	-	W	2027	115/69	115/69	-	67 MVA	76 MVA	Rebuild Rotterdam 69kV substation and add a 2nd 115/69kV Transformer	-
	NGRID	Rotterdam	Schoharie	0.93	W	2027	69	115	1	77	93	Rebuild 0.93mi double circuit Rotterdam-Schoharie / Schenectady International-Rotterdam	OH
	NGRID	Schenectady International	Rotterdam	0.93	W	2027	69	115	1	69	84	Rebuild 0.93mi double circuit Rotterdam-Schoharie / Schenectady International-Rotterdam	OH
	NGRID	Dunkirk	Falconer	Substation	W	2027	115	115	2	N/A	N/A	Add breakers to Berry Rd and Baker St. resiliency.	-
	NGRID	Black River	Black River	Substation	W	2027	115	115	-	N/A	N/A	Upgrade limiting equipment at Black River	-
	NGRID	Coffeen	Lyme Junction	7.4	W	2027	115	115	1	2228	2718	Rebuild the 7.4mi single circuit section of the 115kV Thousand Islands-Coffeen #4 line from Coffeen station to Lyme junction	OH
	NGRID/NYSEG	Erie St	Gardenville	5.5	S	2028	115	115	1	139MVA	179MVA	Packard-Erie / Niagara-Gardenville Reconfiguration, Gardenville add breakers	OH
	NGRID	Tar Hill	Tar Hill	-	S	2028	115	115	-	-	-	New station to replace Lighthouse Hill.	-
	NGRID	Dunkirk	Falconer	-	S	2028	115	115	1	N/A	N/A	Replace towers and conductor clearance	-
	NGRID	South Oswego	South Oswego	Substation	S	2028	115	115	-	N/A	N/A	Replace breakers, disconnects, conductor drops, and RTU	-
22	NGRID	Marshville	Marshville	-	S	2028	115/69	115/69	-	N/A	N/A	Replace transformers at Marshville and upgrade associate equipment	-

Table VII: Proposed Transmission Facilities (cont'd)

[Project Queue Position] / Project Notes	Transmission		Line Length In Miles (1)	Proposed In-Service Prior to (2) Year	Nominal Voltage In kV		# of ckts	Thermal Ratings (4)		Project Description / Conductor Size	Class Year / Type of Construction		
	Owner	Terminals			Operating	Design		Summer	Winter				
	NGRID	Golah	Golah	S	2028	115	115	-	N/A	N/A	Golah substation rebuild		
	NGRID	Coffeen	Lighthouse Hill / Black River	S	2028	115	115	1	3036	3280	Rebuild the 7.5 mi single circuit and 2.0mi double circuit sections of Coffeen - Black River - Lighthouse Hill	OH	
	NGRID	Coffeen	Black River	S	2028	115	115	1	3036	3280	Rebuild the 7.5mi single circuit 115kV Coffeen-Black River LN3	OH	
	NGRID	Mcnytyre	Mcnytyre	S	2028	115	115	-	N/A	N/A	Mcnytyre Overvoltage		
	NGRID	Colton	Malone	18.3	W	2028	115	115	1	3036	3280	Rebuild 18.3 mile single circuit section between Colton and Nichoville	OH
	NGRID	Huntley	Lockport	1.2	W	2028	115	115	2	747	934	Rebuild 1.2 miles of (2) single circuit taps on Huntley-Lockport 36/37 at Ayer Rd	
	NGRID	Mortimer	Golah	9.7	W	2028	115	115	1	657	797	Refurbish 9.7 miles Single Circuit Wood H-Frames on Mortimer-Golah 110.	
	NGRID	Boonville	Boonville	-	W	2028	115	115	-	N/A	N/A	New 115kV station adjacent to existing Boonville sub	
	NGRID	Mortimer	Golah	9.6	W	2028	69	115	1	402	492	Rebuild 69kV 109 line to 115kV	
	NGRID	Saltsman Road Station	Saltsman Road Station	Substation	W	2028	115	115	N/A	402	426	Build a new 115kV Five breaker ring bus transmission station	CLCPA
	NGRID	Lighthouse Hill	Clay	27	W	2028	115	115	2	2228	2718	Rebuild 27 miles of bussed single circuit as two single circuits	OH
	NGRID	Brockport	Brockport	3.5	S	2029	115	115	2	648	650	Refurbish 111/113 3.5 mile single circuit taps to Brockport Station.	
	NGRID	Beaver Creek	Beaver Creek	-	S	2029	115	115	-	N/A	N/A	Install synchronous Condensers and associated breakers and equipment at Beaver Creek	CLCPA
	NGRID	Mortimer	Pannell	15.7	S	2029	115	115	2	221MVA	270MVA	Reconductor existing Mortimer - Pannell 24 and 25 lines with 795 ACSR	
	NGRID	Meco	Meco	-	W	2029	115/69	115/69	N/A	N/A	N/A	Rebuild Meco substation and add a 2nd 115/69kV transformer	CLCPA
	NGRID	Homer Hill	Homer Hill	-	W	2029	115	115	-			Homer Hill Replace five OCB	
	NGRID	South Oswego	Lighthouse Hill	27	W	2029	115	115	2	648	846	Rebuild 27 miles of double circuit and 2 miles of single circuit 115kV	OH
	NGRID	East Avenue	East Avenue	Substation	W	2029	115	115	-	N/A	N/A	Construct a greenfield 115kV 4 breaker ring station along S Oswego - NMP 1 right of way where S Oswego - Index 6 and Index - LHH 2 head north to index. Comprised of 4 115kV lines, 1 to S Oswego, 1 to LHH, 2 to Index.	
	NGRID	Huntley	Gardenville	23.4	S	2030	115	115	2	731	887	Refurbish 23.4 miles double circuit on Huntley-Gardenville 38/39.	
	NGRID	Maiden Lane	Maiden Lane	Substation	S	2030	115	115	-	N/A	N/A	Construct a greenfield 115kV breaker 1/2 station connecting six 115kV lines. Two lines to South Oswego, two lines to Lighthouse Hill, one line to Nine Mile, one line to Fitzpatrick	
	NGRID	Cortland	Cortland	-	S	2030	115	115	-	N/A	N/A	Upgrade Terminal Equipment (CLCPA)	
	NGRID	Packard	Packard		S	2030	115	115				Packard replace three OCB's	
	NGRID	Lockport	Lockport		W	2030				N/A	N/A	Rebuild of Lockport Substation and control house	
	NGRID	Lockport	Lockport	Substation	W	2030	115	115	-	N/A	N/A	Station Rebuild	
	NGRID	Gardenville	Ohio	-	W	2031	115/23	115/23	2	N/A	N/A	New Terminal Station	
	NGRID	Niagara	Gardenville	26.3	S	2032	115	115	1	275MVA	350MVA	Packard-Erie / Niagara-Gardenville Reconfiguration	OH
	NGRID	Packard	Gardenville	28.2	S	2032	115	115	2	168MVA	211 MVA	Packard-Gardenville Reactors, Packard-Erie / Niagara-Gardenville Reconfiguration	OH
3	NYPA	Niagara 345 kV	Niagara 230 kV	Transformer	In-Service	2024	345/230	345/230	1	376	376	Replacement of Niagara AutoTransformer #3	
3	NYPA	Fraser	Fraser	SVC Control	In-Service	2024	345	345	1	NA	NA	Fraser SVC Control Upgrade	
3	NYPA	St. Lawrence 230kV	St. Lawrence 115kV	Transformer	In-Service	2024	230/115	230/115	1	401	479	Replacement of St. Lawrence AutoTransformer #2	
3	NYPA	Sprain Brook 345 kV	Sprain Brook 345 kV	Shunt reactor	In-Service	2024	345	345	-	N/A	N/A	Replacement of Sprain Brook Shunt Reactor R49 with a spare	
3	NYPA	Niagara 345 kV	Niagara 230 kV	Transformer	In-Service	2025	345/230	345/230	1	383	383	Replacement of Niagara AutoTransformer #5	
	NYPA	Plattsburgh 230 kV	Plattsburgh 115 kV	Transformer	W	2025	230/115	230/115	1	249	288	Replacement of Plattsburgh AutoTransformer #1	
	NYPA	Moses	Moses	Circuit Breakers Replacements	W	2025	115/230	115/230	-	N/A	N/A	Replacement of St. Lawrence Breaker 115 and 230 kV	
580	NYPA/NGRID	STAMP	STAMP	Substation	S	2026	345/115	345/115	300 MVA	300 MVA		Load Interconnection.	
	NYPA	Moses-St.Lawrence	Reynolds	Back to Service	S	2026	115	115	1	1004	1121	MR3 line back to service to supply loads	
	NYPA	Massena	Massena	Circuit Breakers Replacements	W	2027	765	765	-	N/A	N/A	Replacement of Massena Breaker 765 kV	
	NYPA	Willis	Willis	Circuit Breakers Replacements	W	2028	115/230	115/230	-	N/A	N/A	Replacement of Willis Breaker 115 and 230 kV	
	NYPA	Plattsburgh	Plattsburgh	Circuit Breakers Replacements	W	2029	115	115	-	N/A	N/A	Replacement of Plattsburgh Breaker 115 kV	
3	NYSEG	Wood Street	Wood Street	xmr	In-Service	2024	345/115	345/115	1	327 MVA	378 MVA	Transformer #3	-
3	NYSEG/ConEd	Pleasant Valley	Wood St	28.0	In-Service	2024	345	345	2	3030	3480	Tapping 345 kV Line between Pleasant Valley and Millwood West at Wood Street	
3	NYSEG/ConEd	Wood St	Millwood West	12.4	In-Service	2024	345	345	2	3030	3480	Tapping 345 kV Line between Pleasant Valley and Millwood West at Wood Street	
3	NYSEG/ConEd	Millwood West	Pleasant Valley	-40.4	In-Service	2024	345	345	2	3030	3480	Tapping 345 kV Line between Pleasant Valley and Millwood West at Wood Street	
596	NYSEG	Hillside	E. Towanda (PJM)	Phase Shifter	W	2025	230	230	1	498 MVA	498 MVA	Phase Shifting Transformer between Hillside	CY19
	NYSEG	North Waverly	East Sayre	3.0	S	2026	115	115	1	218	261	Reconductor existing line with ACSR 795 26/7 "Drake"	
	NYSEG	Meyer	Meyer	Transformer	S	2026	230/115	230/115	1	448	464	Transformer #4	-
	NYSEG	Fraser	Fraser	Transformer	S	2027	345/115	345/115	1	305 MVA	364 MVA	Transformer #2 and Station Reconfiguration	-
	NYSEG	Fraser 115	Fraser 115	Rebuild	S	2027	115	115		N/A	N/A	Station Rebuild to 4 bay BAAH	-
	NYSEG	Delhi	Delhi	Removal	S	2027	115	115	N/A	N/A	N/A	Remove 115 substation and terminate existing lines to Fraser 115 (short distance)	
	NYSEG	Clarks Corners	Clarks Corners	Upgrades	W	2027	115	115	N/A	N/A	N/A	Clarks Corners Upgrade, 2 Bay 115 kV Expansion to the north. Two new power transformer positions.	CLCPA
	NYSEG	Etna	Clarks Corners	14.9	W	2027	115	115	1	288 MVA	346 MVA	Clarks Corners Upgrade, Route existing 115 kV Line 945 in-out of the new bay positions.	CLCPA
	NYSEG	Clarks Corners	Wilket	10.4	W	2027	115	115	1	288 MVA	346 MVA	Clarks Corners Upgrade, Route existing 115 kV Line 945 in-out of the new bay positions.	CLCPA
	NYSEG	Meyer	Meyer	Substation	W	2028	115	115	1	N/A	N/A	Rebuild Meyer 115 kV bus as 3-bay BAAH	-
	NYSEG	Meyer	Meyer	Transformer	W	2028	115/34.5	115/34.5	1	50 MVA	60 MVA	Transformer #1	-
	NYSEG	Meyer	Meyer	Transformer	W	2028	115/34.5	115/34.5	1	50 MVA	60 MVA	Transformer #2	-
	NYSEG	Lounsberry	Lounsberry	Rebuild	W	2028	115	115	1	N/A	N/A	New 115 kV four position Ring bus. Install new 22.4 MVA 115/12.5 kV transformer with LTC. Install new 12.5 kV MV GIS and Control.	CLCPA
	NYSEG	West Erie	Sullivan Park	3.0	S	2029	115	115	1	278 MVA	306 MVA	Rebuild the existing 3 mile 115 kV line #711 with 2156 Bluebird ACSR conductor.	CLCPA
	NYSEG	Sullivan Park	Stoney Ridge	6.0	S	2029	115	115	1	278 MVA	306 MVA	Rebuild the existing 6 mile 115 kV line #712 with 2156 Bluebird ACSR conductor.	CLCPA
	NYSEG	Hickling	Hickling	Rebuild	S	2029	115	115		N/A	N/A	Full rebuild of the substation as a 115 kV four bay BAAH AIS design. Additional sub transmission and distribution upgrades.	CLCPA
	NYSEG	Hickling	Hickling	Transformer	S	2029	115/34.5	115/34.5	2	50 MVA	60 MVA	Two (2) new 115/34.5 kV 50 MVA transformers.	CLCPA
	NYSEG	Stoney Ridge	Stoney Ridge	Transformer	S	2029	230	115	1	448 MVA	464 MVA	Upgrade the 230/115 kV 1T transformer at Stoney Ridge to 448 MVA.	CLCPA
	NYSEG	South Perry	South Perry	Substation	W	2029	115	115	1	N/A	N/A	Rebuild South Perry 115 kV bus as 3-bay BAAH	-
	NYSEG	South Perry	South Perry	Transformer	W	2029	115/69	115/69	1	50 MVA	60 MVA	Transformer #3	-
	NYSEG	South Perry	South Perry	Transformer	W	2029	230/115	230/115	1	246	302	Transformer #4	-

Table VII: Proposed Transmission Facilities (cont'd)

[Project Queue Position] / Project Notes	Transmission		Line Length In Miles (1)	Proposed In-Service Prior to (2) Year	Nominal Voltage In kV		# of ckt's	Thermal Ratings (4)		Project Description / Conductor Size	Class Year / Type of Construction		
	Owner	Terminals			Operating	Design		Summer	Winter				
	NYSEG	Greenidge	Greenidge	Capacitor	W	2029	115	115	N/A	N/A	One (1) new 115 kV circuit breaker for Line 968, Line 968 terminal work, and a new 30 MVAR capacitor bank (with 115 kV circuit breaker).	CLCPA	
	NYSEG	Watercure	Watercure	Rebuild	W	2029	345/115	345/115	N/A	N/A	Expand the 345 kV two bay BAAH with one (1) empty bay position, adding a three bay 115 kV BAAH. Reroute 115 kV lines to new 115 kV BAAH.	CLCPA	
	NYSEG	Watercure	Watercure	Transformer	W	2029	345/115	345/115	1	448	464	Add one (1) new 345/115 kV two winding 448 MVA transformer.	CLCPA
	NYSEG	Hillside	Hillside	Remove	W	2029	115	115	N/A	N/A	Reroute the Hillside 115 kV lines to new 115 kV station at Watercure.	CLCPA	
	NYSEG	Hillside	Hillside	Upgrades	W	2029	30/115/34.30/115/34.5		N/A	N/A	Replace two 230 kV breakers, separating the 34.5 kV breaker positions of Bank 3 and 4.	CLCPA	
	NYSEG	Bath	Bath	Rebuild	S	2030	115	115	N/A	N/A	Full rebuild of substation as 115 kV three bay breaker and a half (BAAH) air insulated substation (AIS)	CLCPA	
	NYSEG	Bath	Bath	Transformer	S	2030	115/34.5	115/34.5	2	50 MVA	60 MVA	Two (2) new 115/34.5 kV 50 MVA transformers	CLCPA
	NYSEG	Bath	Bath	SVC	S	2030	115	115	N/A	N/A	+150/-150 MVAR dynamic VAR compensation unit (STATCOM or SVC)	CLCPA	
	NYSEG	New Gardenville	New Gardenville	Transformer	W	2030	230/115	230/115	1	316 MVA	370 MVA	NYSEG Transformer #6 and Station Reconfiguration	-
	NYSEG	New Gardenville	New Gardenville	Transformer	W	2030	115/34.5	115/34.5	1	50	60	NYSEG Transformer #7 and Station Reconfiguration	-
	NYSEG	New Gardenville	New Gardenville	Transformer	W	2030	115/34.5	115/34.5	2	50	60	NYSEG Transformer #8 and Station Reconfiguration	-
	NYSEG	Oakdale 345	Oakdale 345	Rebuild	W	2030	345	345	N/A	N/A	Expand existing 345 kV bus to 3 bay BAAH.	CLCPA	
	NYSEG	Oakdale 115	Oakdale 115	Rebuild	W	2030	115	115	N/A	N/A	Complete rebuild of 115 kV to 6 bay BAAH.	CLCPA	
	NYSEG	Westover 115	Westover	Removal	W	2030	115	115	N/A	N/A	Retire 115 kV Westover Substation. Rebuild Westover 34.5 kV out of flood zone.	CLCPA	
	NYSEG	Oakdale 345	Oakdale 115	Transformer	W	2030	45/115/34.45/115/34.	1	448 MVA	464 MVA	Add one new 345/115/34.5 kV Transformer	CLCPA	
	NYSEG	Oakdale 345	Oakdale 115	Transformer	W	2030	45/115/34.45/115/34.	2	448 MVA	464 MVA	Replace Existing B2 & B3 Transformers	CLCPA	
	NYSEG	Bennett	Bennett	Rebuild	W	2030	115	115	N/A	N/A	Partial rebuild with 115kV bus expansion, and terminal work on L725.	CLCPA	
	NYSEG	Montour Falls	Montour Falls	Rebuild	S	2031	115/34.5	115/34.5	N/A	N/A	Full rebuild as a four bay BAAH AIS Additional sub transmission and distribution upgrades.	CLCPA	
	NYSEG	Montour Falls	Montour Falls	Transformer	S	2031	115/34.5	115/34.5	2	50 MVA	60 MVA	Two (2) new 115/34.5 kV 50 MVA transformers.	CLCPA
	NYSEG	Montour Falls	Montour Falls	Capacitor	S	2031	115	115	2	30 MVA	30 MVA	Two (2) new 115 kV 30 MVAR capacitor banks	CLCPA
	NYSEG	Eelpot	Eelpot	Expansion	S	2032	115	115	N/A	N/A	Addition of a new 115 kV circuit breaker, and 115 kV line terminal work.	CLCPA	
	NYSEG	Eelpot	Eelpot	SVC	S	2032	115	115	N/A	N/A	A +100/100 MVAR new dynamic VAR compensation unit (STATCOM or SVC).	CLCPA	
	NYSEG	South Perry	South Perry	Transformer	W	2032	115/34.5	115/34.5	2	50 MVA	60 MVA	Transformer #1	-
7.3	O & R/ConEd	Ladentown	Buchanan	-9.5	In-Service	2024	345	345	1	3000	3211	2-2493 ACAR	
7.3	O & R/ConEd	Ladentown	Lovett 345 kV Station (New Station)	7.99	In-Service	2024	345	345	1	3000	3480	2-2493 ACAR	
7.3	O & R/ConEd	Lovett 345 kV Station (New Station)	Buchanan	1.37	In-Service	2024	345	345	1	3000	3211	2-2493 ACAR	
3	O & R	Lovett 345 kV Station (New Station)	Lovett	Transformer	In-Service	2024	345/138	345/138	1	283 MVA	367 MVA	Transformer Normally Open; Substation limiting element currently undergoing upgrade	Transformer Normally Open; Substation limiting element currently undergoing upgrade
	O & R	Ramapo	Sterling Forest	9.7	In-Service	2024	138	138	1	646	770	Reconductor and reposition at Ramapo 138kV Station	Reconductor and reposition at Ramapo 138kV Station
	O & R	Ramapo	NY/NJ State Line	3.29	In-Service	2024	138	138	1	1294	1525	Reconductor and reposition at Ramapo 138kV Station	Reconductor and reposition at Ramapo 138kV Station
3	O & R	Corporate Drive	-	-	S	2025	138	138	1	16 MVA	16 MVA	Capacitor bank	-
	RGE	Station 168	Station 168	-	S	2025	115	115	1	N/A	N/A	Add breakers to Station 168 115 kV bus, sectionalizing existing lines Trunks 4, 2, and 7.	OH
	RGE	Station 127	Station 127	-	W	2025	115	115	1	N/A	N/A	New 115 kV terminals for Trunk 2	-
	RGE	Station 127	Station 127	-	W	2025	115	115	2	N/A	N/A	2 New 115 kV capacitor banks	-
	RGE	Station 33	Station 251 (Upgrade Line #942)	-	S	2030	115	115	1	400MVA	400MVA	Line Upgrade	-
22	RGE	Station 33	Station 251 (Upgrade Line #943)	-	S	2030	115	115	1	400MVA	400MVA	Line Upgrade	-
	RGE	Station 418	Station 7	22.8	S	2030	115	115	1	267 MVA	326 MVA	Monroe County Reliability Project Line Rebuild and Reconductor	-
	RGE	Station 82	Station 251 (Upgrade Line #902)	-	S	2030	115	115	1	400MVA	400MVA	Line Upgrade	-
	RGE	Mortimer	Station 251 (Upgrade Line #901)	1	S	2030	115	115	1	400MVA	400MVA	Line Upgrade	-
Non-Firm Plans (not Included In Base Cases)													
	ConEd	Queens	Queens	-	S	2028	138	138	-	N/A	N/A	Queens Clean Energy Hub	-
	ConEd	Eastern Queens Clean Energy Hub	Eastern Queens Clean Energy Hub	-	S	2028	138	138	-	N/A	N/A	New 138 kV Substation	-
	UPA	Belmont	Belmont	-	S	2025	69	69	-	N/A	N/A	Upgrade substation to 69kV Operation	-
	UPA	Lake Success	Belmont	4.25	S	2025	69	69	1	996	996	New 69kV line associated with Belmont 69kV Conversion - 2500KCM XLPE	UG
	UPA	Belmont	Whiteside	1.75	S	2025	69	69	1	996	996	New 69kV line associated with Belmont 69kV Conversion - 2500KCM XLPE	UG
	UPA	Shore Road	Shore Road	Shunt Reactor	W	2026	138	138	-	N/A	N/A	Installation of 80 MVAR Shunt Reactor	-
	UPA	Holbrook	Holbrook	Transformer	S	2027	138/69	138/69	-	224MVA	224MVA	Replace the two existing 138/69kV transformers with a single 224MVA unit	-
	UPA	Canal	Deerfield	8.65	S	2027	69	69	1	112MVA	112MVA	Parallel two OH 69kV transmission circuits between Canal and Deerfield - 336SSAC	OH
	UPA	Southampton	Deerfield	4	S	2027	69	138	1	140MVA	140MVA	Install New 138kV circuit to be operated at 69kV between Southampton and Deerfield - 2000 SQMM XLPE	-
	UPA	Moriches	Moriches	Series Reactor	S	2027	69	69	-	N/A	N/A	Install 2 OHM Series reactor on Moriches - South Manor 69kV Circuit	-
	UPA	Far Rockaway	Far Rockaway	Transformer	S	2029	69/34.5	69/34.5	-	40MVA	40MVA	Replace Bank #5 69/34.5kV transformer with a 40MVA nameplate unit	-
	UPA	Far Rockaway	Far Rockaway	Transformer	S	2029	69/34.5	69/34.5	-	40MVA	40MVA	Replace Bank #6 69/34.5kV transformer with a 40MVA nameplate unit	-
	UPA	Newbridge Road	Meadowbrook	0.61	S	2029	69	69	1	149MVA	149MVA	Upgrade the OH circuit between Newbridge rd and Meadowbrook	OH
	UPA	Riverhead	Riverhead	Transformer	S	2029	138/69	138/69	-	224MVA	224MVA	Replace 138/69kV transformer with a 224MVA nameplate unit	-
	UPA	Riverhead	Riverhead	Transformer	S	2029	138/69	138/69	-	224MVA	224MVA	Replace 138/69kV transformer with a 224MVA nameplate unit	-
	UPA	Ocean Beach	Fire Island Pines	5.9	S	2029	23	23	1	602	602	Install New 23kV Circuit - 1500KCM cable	-
	UPA	Brookhaven	Brookhaven	9.43	S	2030	138	138	1	240MVA	240MVA	Convert the existing 69kV OH circuit between Brookhaven and Riverhead to 138kV	OH
	UPA	Moriches	South Manor	2.27	S	2030	69	69	1	1364	1364	Rebuild existing 69kV line with 1272ACSS Conductor	OH
	UPA	Bridgehampton	Deerfield	4.8	S	2032	69	138	1	112MVA	112MVA	Installation of new 138kV circuit to be operated at 69kV between Deerfield and Bridgehampton	UG
	UPA	Malverne	West Hempstead	2.16	S	2033	69	69	1	77MVA	77MVA	Upgrade the OH circuit between Malverne and West Hempstead	OH
	UPA	Wainscott	Wainscott	-	S	2033	138	138	-	-	-	New Wainscott substation with 138kV transmission supply from Edwards Ave	-
	NGRID	Mumford	Mumford	-	In-service	2024	115	115	-	N/A	N/A	115kV Terminal Equipment at Mumford (CLCPA)	-
	NGRID	Whitaker	Whitaker	-	S	2025	115	115	-	N/A	N/A	Install automatic line sectionalizing scheme at Whitaker	-
	NGRID	Gilbert Mills	Gilbert Mills	-	S	2025	115	115	-	N/A	N/A	Install automatic line sectionalizing scheme at Gilbert Mills	-
	NGRID	New Krumkill	New Krumkill	-	W	2026	115	115	-	N/A	N/A	Add automatic line sectionalizing scheme	-
	NGRID	Dunkirk	Laona	10.5	S	2027	115	115	2	847	1063	115kV Reconductor approximately 5 miles (CLCPA)	-
	NGRID	Lockport	Batavia	20	S	2028	115	115	1	646	784	Rebuild 20 miles of Lockport-Batavia 112	-

Table VII: Proposed Transmission Facilities (cont'd)

[Project Queue Position] / Project Notes	Transmission		Terminals	Line Length In Miles (1)	Proposed In-Service Prior to (2) Year	Nominal Voltage In kV		# of ckts	Thermal Ratings (4)		Project Description / Conductor Size	Class Year / Type of Construction	
	Owner					Operating	Design		Summer	Winter			
1672	NGRID	Ames Road Station (Marshville)	Ames Road Station (Marshville)	Substation	S	2028	345/115	345/115	N/A	N/A	N/A	Construct a new 345kV/115kV station in a breaker and a half configuration	CLCPA
	NGRID	Black River	Middle Road	4.89	S	2028	115	115	1	3036	3280	Rebuild as single circuit line	OH
	NGRID	Greenbush	Greenbush	-	S	2028	115	115	-	N/A	N/A	Rebuild 115 kV portion of Station using BAH configuration	
	NGRID	Southwood	Southwood	-	S	2028	115	115	-	N/A	N/A	Install 115kV breakers at Southwood	
	NGRID	Pebble Hill	Pebble Hill	-	S	2028	115	115	-	N/A	N/A	Install 115kV breakers at Pebble Hill	
	NGRID	Black River	Taylorville	26.1	S	2029	115	115	2	3036	3280	Rebuild double-circuit as 2x single-circuit	OH
	NGRID	Taylorville	Boonville	33.9	W	2029	115	115	2	3036	3280	Rebuild the 33.9mi double circuit Taylorville - Boonville #5 and Taylorville - Boonville #6 as two single circuit lines	OH
	NGRID	Black River	Lighthouse Hill	45.15	S	2029	115	115	1	3036	3280	Rebuild as single circuit line	OH
	NGRID	Pannell	Geneva	-	S	2029	115	115	2			Critical Road crossings replace on Pannell-Geneva 4/4A	
	NGRID	Pebble Hill/Southwood	Pebble Hill/Southwood	-	S	2029	115	115	-	N/A	N/A	Install breakers and associated equipment at Pebble Hill and Southwood	
	NGRID	Middle Road	Lighthouse Hill	30.66	S	2029	115	115	1	3036	3280	Rebuild as single circuit line	OH
	NGRID	State Campus	Menands	0.25	W	2029	115	115	1	1105	1347	Replace 0.25 miles of UG cable on line #15, size TBD in 2025	
	NGRID	State Campus	Woodlawn	0.25	W	2029	115	115	1	1105	1347	Replace 0.25 miles of UG cable on line #12, size TBD in 2025	
	NGRID	Meco	Maple Avenue	15.71	W	2029	115	115	1	1398	1708	Rebuild 115kV DCT	CLCPA
	NGRID	Maple Avenue	Rotterdam	15.08	W	2029	115	115	1	1398	1708	Rebuild 115kV DCT	CLCPA
	NGRID	Inghams	Stoner	23.8	W	2029	115	115	1	1398	1708	Rebuild 115kV DCT	CLCPA
	NGRID	Stoner	Rotterdam	23.12	W	2029	115	115	1	1398	1708	Rebuild 115kV DCT	CLCPA
	NGRID	Coffeen	Coffeen	-	W	2029	115	115	-	N/A	N/A	Expand Coffeen station to install two Synchronous Condensers along with associated transformers, breakers and other equipment.	CLCPA
22	NGRID	Boonville	Porter	27	S	2030	115	115	2	2228	2718	Rebuild the 27mi double circuit Boonville - Porter #1 and #2 as two single circuit lines	OH
	NGRID	SE Batavia	Golah	27.8	S	2030	115	115	1	648	846	Refurbish 27.8 miles Single Circuit Wood H-Frames on SE Batavia-Golah 119	
	NGRID	Gloversville	Marshville	21.62	W	2030	69	69	1	1105	1347	Rebuild approximately 20 miles of 69kV	
	NGRID	Gardenville	Dunkirk	20	W	2031	115	115	2	1105	1346	Rebuild from North Angola to Dunkirk.	
	NGRID	Eastover Road	Eastover Road	-	S	2032	230	230	-	70 MVAR	70 MVAR	Install an additional 70MVAR capacitor bank at Eastover 230kV	
	NGRID	Luther Forest	Luther Forest	-	S	2032	115	115	-	55 MVAR	55 MVAR	Install a third 55MVAR capacitor bank at Luther Forest	
	NGRID	Browns Falls	Taylorville	-	S	2040	115	115	1	584	702	Terminal equipment upgrades	
	NYPA	Astoria Annex	Astoria Annex	Shunt Reactor	W	2027	345	345	2	TBD	TBD	Replacement of Astoria Annex 345 kV Shunt Reactors	
	NYPA	Marcy	Marcy	Circuit Breakers Replacements	S	2028	345/765	345/765	N/A	N/A		Marcy Breaker Replacement 345 and 765 kV	
	NYSEG	Bennett	Andover	Upgrades	S	2026	115	115	N/A	N/A		Install a Power Flow Control Device at Bennett Substation and perform in-kind structure replacements where required to address all asset condition issues.	CLCPA
	NYSEG	Bennett	Spencer Hill	5.0	W	2028	115	115	1	419 MVA	505 MVA	Rebuild the existing 5-mile 115 kV line #953 with 2156 Bluebird ACSR conductor.	CLCPA
	NYSEG	Hickling	Caton	9.0	S	2029	115	115	1	419 MVA	505 MVA	Rebuild the existing 9 mile 115 kV line #935 with 2156 Bluebird ACSR conductor.	CLCPA
	NYSEG	Jennison	Jennison	Rebuild	W	2029	115	115	1	N/A	N/A	Complete rebuild of 115 kV to 4 bay BAH. Bring Line 919 in and out of Jennison.	CLCPA
	NYSEG	Jennison	Jennison	Transformer	W	2029	115/34.5	115/34.5	2	50 MVA	60 MVA	Install two new transformers with LTCs.	CLCPA
	NYSEG	Fraser	Sydney Tap	20.0	W	2029	115	115	1	288 MVA	346 MVA	Reconductor L949-1 (Fraser to Sydney Tap) with 1192.5 ACSR	CLCPA
	NYSEG	Hillside	South Owego	45.6	W	2029	115	115	1	288 MVA	346 MVA	Rebuild Line 962 as a 115 kV line with 1192 ACSR conductor. Modify terminal bay at Hillside. Designation changed from 962 to 750	CLCPA
	NYSEG	Montour Falls	Coddington	21.5	W	2029	115	115	1	288 MVA	346 MVA	Rebuild the existing 21 mile 115 kV line #982 with 1192 Bunting ACSR conductor on the existing centerline with light duty steel monopole structures	CLCPA
	NYSEG	South Owego	Oakdale	18.0	W	2029	115	115	1	288 MVA	346 MVA	Rebuild the existing 18 mile 115 kV line #961 with 1192 ACSR conductor. Modify terminal bay at South Owego	CLCPA
	NYSEG	Bath	Spencer Hill	15.0	W	2029	115	115	1	432 MVA	545 MVA	Rebuild the existing 15-mile 115 kV line #723 with bundled 795 Drake ACSR conductor.	CLCPA
	NYSEG	Jennison	East Norwich	20.0	W	2030	115	115	1	288 MVA	346 MVA	Reconductor L946 (Jennison to East Norwich) with 1192.5 ACSR	CLCPA
	NYSEG	Sydney Tap	Jennison	6.5	W	2030	115	115	1	288 MVA	346 MVA	Reconductor L949-2(Jennison to Sydney Tap) with 1192.5 ACSR	CLCPA
	NYSEG	Bath	Montour Falls	22.0	W	2030	115	115	1	456 MVA	548 MVA	Rebuild the existing 22-mile 115 kV line #965 with bundled 795 Drake ACSR conductor. Line is being bisected by Q617 into Line #965 and Line #753.	CLCPA
	NYSEG	Canandaigua	Stoney Ridge	24.0	W	2030	230	230	1	795 MVA	853 MVA	Rebuild the existing 24 mile 230 kV line #68 with mile 230 kV line with bundled 1192 Bunting ACSR ACSR conductor.	CLCPA
	NYSEG	Montour Falls	Watercure	23.9	S	2031	115	115	1	288 MVA	346 MVA	Rebuild the existing double circuit line #978 with 1192 ACSR .	CLCPA
	NYSEG	Hillside	Watercure	1.0	S	2031	230	230	1	819 MVA	972 MVA	Rebuild the existing 1 mile 230 kV line #69 with 2156 Bluebird ACSR conductor.	CLCPA
	NYSEG	Eelpot	Flat Street	23.0	S	2031	115	115	1	345 MVA	415 MVA	Rebuild the existing 23-mile 115 kV line #722 with 2156 Bluebird ACSR conductor.	CLCPA
	NYSEG	Flat Street	Greenidge	5.0	S	2031	115	115	1	345 MVA	415 MVA	Rebuild the existing 5-mile 115 kV line #968 with 2156 Bluebird ACSR conductor.	CLCPA
	NYSEG	Stolle Rd	High Sheldon	11.0	S	2031	230	230	1	795 MVA	853 MVA	Rebuild the existing 11-mile 230 kV line #67 with bundled 1192 Bunting ACSR conductor on an offset with steel monopole structures.	CLCPA
	NYSEG	Montour Falls	Watercure	17.2	W	2031	115	115	1	345 MVA	415 MVA	Rebuild the existing double circuit 115 kV line #963 with 1590 Falcon ACSR.	CLCPA
	NYSEG	Stoney Ridge	Hillside	27.0	W	2032	230	230	1	795 MVA	886 MVA	Rebuild the existing 27 mile 230 kV line #72 with 2156 Bluebird ACSR conductor.	CLCPA
	NYSEG	South Perry	Meyer	19.0	W	2032	115	115	1	228 MVA	274 MVA	Rebuild the existing 19-mile 115 kV line #934 with 795 Drake ACSR conductor on an offset with light duty steel monopole structures.	CLCPA
	NYSEG	Willis	Malone	11.0	W	2032	115	115	1	228 MVA	262 MVA	Rebuild the existing 11-mile 115 kV line with 795 Drake ACSR conductor on an offset with light duty steel monopole structures.	CLCPA
	NYSEG	Meyer	Eelpot	15.0	W	2033	115	115	1	345 MVA	415 MVA	Rebuild the existing 15-mile 115 kV line #724 with 2156 Bluebird ACSR conductor.	CLCPA
	O & R	West Milford	West Milford	-	W	2025	69	69	1	TBD	TBD	16 MVARS cap bank	
	O & R	Burns	West Nyack	5	S	2026	138	138	1	940	940	UG Cable	
	O & R	West Nyack	West Nyack	Transformer	W	2026	138/69	138/69	1	196 MVA	196 MVA	TRANSFORMER	
	O & R	Forrest Avenue	Forrest Avenue	-	W	2026	69	69	1	TBD	TBD	32 MVARS cap bank	
	O & R	West Milford	West Milford	-	W	2026	69	69	1	TBD	TBD	32 MVARS cap bank	
	O & R	Dean	Dean	Substation	S	2027	34.5	69	1	N/A	N/A	Station Reconfiguration	
	O & R	Shoemaker	Pocatiello	-	W	2027	34.5	69	2	TBD	TBD	Reconductoring with double circuits	
	O & R	Monroe	Blooming Grove	-	W	2027	69	69	1	TBD	TBD	Line rebuild	
	O & R	West Warwick	West Warwick	-	W	2027	69	69	1	TBD	TBD	32 MVARS cap bank	
	O & R	West Milford	West Milford	-	W	2027	138	138	1	TBD	TBD	Breaker replacement	
	O & R	West Point	West Point	-	W	2027	69	69	1	TBD	TBD	32 MVARS cap bank	
	O & R	Shoemaker	Shoemaker	-	W	2028	138/69	138/69	1	TBD	TBD	Transmission lines reconfiguration	
	O & R	Port Jervis	Rio	-	W	2028	34.5	69	1	TBD	TBD	Upgrade L18	
	O & R	Washington Heights	Bulville	-	W	2028	34.5	69	1	TBD	TBD	New 69kV line	
	O & R	West Milford	West Milford	-	W	2028	69	69	1	TBD	TBD	16 MVARS cap bank	

Table VII: Proposed Transmission Facilities (cont'd)

[Project Queue Position] / Project Notes	Transmission		Line Length	Proposed In-Service	Nominal Voltage		# of	Thermal Ratings (4)		Project Description / Conductor Size	Class Year / Type of Construction	
					In kV			Summer	Winter			
	Owner	Terminals	In Miles (1)	Prior to (2)	Year	Operating	Design					ckts
	O & R	West Nyack	West Nyack	-	S	2029	138	138	1	N/A	N/A	Station Reconfiguration
	O & R	West Nyack (NY)	Harings Corner (RECO)	7	S	2029	69	138	1	1604	1723	795 ACSS
	O & R	Shoemaker	Shoemaker	Cap Bank	W	2029	138	138	1	50 MVA	50 MVA	(2) Capacitor Banks
	O & R	Shoemaker	Shoemaker	Substation	W	2029	138/69	138/69	1	N/A	N/A	New substations
	O & R	Wilson Gate	Wilson Gate	Substation	W	2029	138/69	138/69	1	N/A	N/A	Station Reconfiguration
	O & R	Little Tor	-	Cap Bank	S	2030	138	138	1	32 MVAR	32 MVAR	Capacitor bank
	O & R	Shoemaker	Cuddebackville	-	W	2030	69	138	1	TBD	TBD	Reconductor L12 & L13/L131
	O & R	Decker	Bulville	-	W	2030	34.5	69	1	TBD	TBD	Upgrade L100
	O & R	Pcatello	Decker	-	W	2031	34.5	69	1	TBD	TBD	L4/L6 upgrade
	O & R	Ramapo	Sugarloaf	17	W	2036	138	138	1	1980	2120	1272 ACSS
	RGE	Station 418	Station 48	7.6	S	2027	115	115	1	175 MVA	225 MVA	New 115kV Line
	RGE	Station 82	Station 128	30.0	S	2031	115	115	1	345 MVA	415 MVA	Rebuild the existing 30-mile 115 kV line #906 with 1590 Falcon ACSR conductor on an offset with light duty steel monopole structures...
												OH
												CLCPA

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, W = Winter. Winter refers to the winter beginning with the year listed. For example, W 2025 refers to winter 2025-26.
3	Equipment (Transformers & Capacitor Banks) is retained on the Table VII for one year after it goes in In-Service, and then it is deleted. When a transmission line goes to in-service, it will be reflected in Table VI and also retained on the Table VII for one year on in-service status.
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	Deleted
9	Deleted
10	Deleted
11	Upgrade of existing 69 kV to 115 kV operation
12	Deleted
13	Deleted
14	Deleted
15	The Class Year Transmission Project, Q#631, includes an elective System Upgrade Facility, an Astoria-Rainey 345kV cable. The Class Year Transmission Project, Q#887, is a 250 MW uprate of Q#631 project.
16	Deleted
17	Deleted
18	This project has a System Reliability Impact Study that has been approved by the NYISO Operating Committee.
19	These transmission projects are included in the FERC 715 Report models. Please see FERC 715 report for an explanation of the inclusion criteria.
20	Deleted
21	These Class Year Transmission Projects are included in the FERC 715 Report models. Please see FERC 715 report for an explanation of the inclusion criteria.
22	Due to the unavailability of the modeling information per the submittal schedule, these projects are not included in the FERC 715 Base Cases.
23	The proposed PAR to control flow on the Y54 line from East Garden City 345kV to Tremont 345kV and two shunts at East Garden City are expected to be energized along with the line by Summer 2030.
24	This entry includes reference to the renaming of several Substations formerly known as East Garden City, including LIPA 138/69kV 4H Substation (Stewart Avenue) and 4HG NYPA 345kV (Uniondale Hub & Uniondale Hub Annex)

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The New York Independent 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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