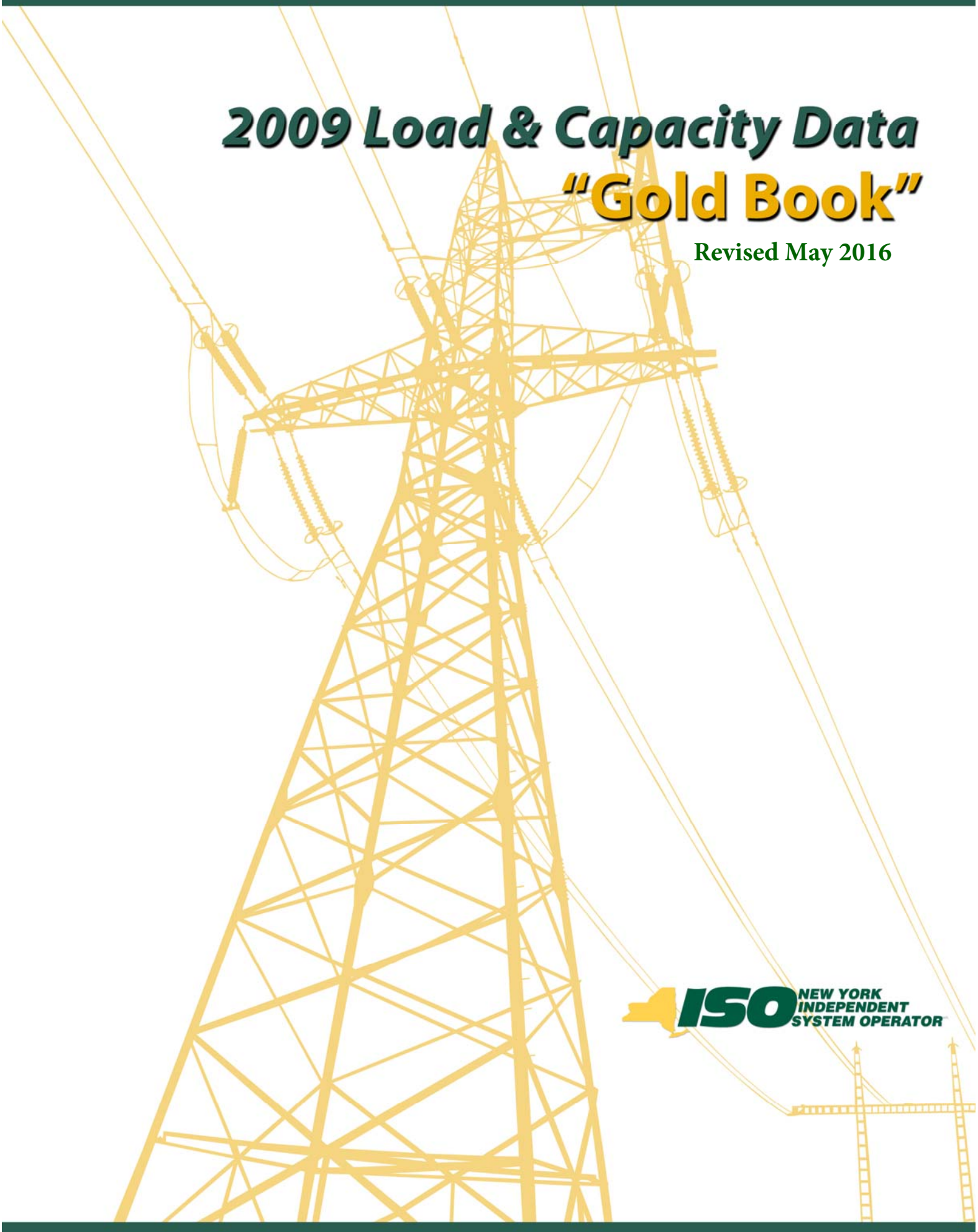
2009 Load & Capacity Data
"Gold Book"

Revised May 2016



NEW YORK INDEPENDENT SYSTEM OPERATOR

Originally Released April 2009
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NEW YORK INDEPENDENT SYSTEM OPERATOR

2009
LOAD & CAPACITY DATA

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OVERVIEW

This report presents New York Control Area (NYCA) system, transmission and generation data and New York Independent System Operator, Inc. (NYISO) load forecasts for the 2009 – 2019 period. Specifically, this report includes:

- Forecasts of peak demand, energy requirements, energy efficiency, and emergency demand response;
- Existing and proposed resource capacity; and
- Existing and proposed transmission facilities.

Resources located within the PJM, ISO-New England and Hydro Quebec control areas may qualify as Installed Capacity Suppliers to the NYCA. Currently, the Independent Electricity System Operator of Ontario (IESO), the operator of the other directly interconnected control area to the NYCA, does not meet the NYISO's requirement relating to the recall of transactions associated with installed capacity sold to New York. Therefore, resources located within the IESO control area may not qualify as Installed Capacity Suppliers to the NYCA.

The NYCA baseline summer peak demand forecast developed for this report shows a compound growth rate of 0.68% for the years 2009 through 2019. The baseline energy forecast for the same period shows a compound growth rate of 0.59%. This is a large decrease from the forecasts in last year's Load and Capacity Data report, due to the economic recession, impacts attributed to NYS Energy Efficiency Portfolio Standard and similar initiatives of other state agencies. In last year's report, the compound growth rate for peak demand was 0.94% for the years 2008 through 2018, and the compound growth rate for annual energy in this period was 1.18%. The 2009 forecast for Zone K (Long Island) is growing at an annual average rate of 1.01%, a decrease of 0.23% from last year's forecast. The 2009 forecast for Zone J (New York City) is 0.45%, compared to 1.51% last year, a decrease of 1.06%[1]. The changes in the remaining zones reflect new economic and conservation forecasts, and updates of actual and weather-normalized energy usage trends.

[1] The Long Island Power Authority and Consolidated Edison Company of New York, Inc. provide their long-term forecasts to the NYISO for review and inclusion in the Load and Capacity Data report.

The New York State Reliability Council (NYSRC) has determined that an Installed Reserve Margin (IRM) of 16.5% in excess of the NYCA summer peak demand forecast for the Capability Year 2009-10 is required to meet the Northeast Power Coordinating Council (NPCC) and NYSRC resource adequacy criterion. The NYSRC re-evaluates this IRM each year [2].

The NYISO maintains a list by class year[3] of proposed generation and transmission projects in the NYISO interconnection process. Five projects on the list totaling 1,086.5 MW have met Base Case inclusion rules as described in the Comprehensive Reliability Planning Process manual. These projects are included as additions to the Load and Capacity Schedule in Tables V-2a and V-2b. Additionally, the New York installed capacity market rules allow Special Case Resources (*i.e.*, distributed generation and interruptible load customers) to participate in the installed capacity market. These customers are another source of capacity for the NYISO. In total, the existing NYCA capacity and resources, resource changes, and known purchases and sales with neighboring control areas would result in an installed capacity greater than or equal to 116.5% of projected peak load through the year 2017.

Other projects on the list of proposed generation and transmission projects that have not met the CRPP manual's Base Case inclusion criteria have been categorized as Proposed Resource Changes. These Proposed Resource Changes[4], if constructed, would result in an installed capacity greater than or equal to 116.5% of projected peak load through the year 2019.

[2] NYSRC has the responsibility for establishing the NYCA IRM, which is, according to the Market Administration and Control Area Services Tariff, § 2.120a, Fourth Revised Sheet No. 53A, the "ratio of the amount of additional Installed Capacity required by the NYSRC in order for the NYCA to meet NPCC reliability criteria to the forecasted NYCA upcoming Capability Year peak Load, expressed as a decimal." The NYISO uses the IRM and the forecast peak Load to establish minimum capacity requirements for each Load-Serving Entity (LSE) located within the NYCA. The NYISO also establishes additional minimum capacity requirements for LSEs in a Locality (*i.e.*, New York City and Long Island), referred to as Locational Minimum Installed Capacity Requirements (LCRs). Each LCR is expressed as a percentage of the forecasted peak demand for the respective Locality. The NYISO administers installed capacity auctions that allow LSEs to procure Unforced Capacity to meet their requirements, and LSEs may also procure capacity through bilateral transactions.

[3] The class year is the step in the New York interconnection process where system upgrade facilities, or "but for" facilities, are determined for proposed new interconnections and cost responsibility assigned.

[4] See load and capacity schedule description (page 73) for a discussion of the treatment of intermittent generators for the purpose of determining their contribution toward installed capacity on a forward looking basis.

The NYISO employs a two-stage process in developing load forecasts for each zone within the NYCA. In the first stage, zonal forecasts are based upon economic projections prepared in January 2009 that include impacts of the economic recession and the federal economic stimulus. The econometric projections assume a conventional portfolio of appliances and electro-technologies, with gradual improvements in energy efficiency over time. In the second stage, the NYISO adjusts the baseline forecasts to explicitly incorporate a projection of the impacts of state energy efficiency programs, building codes and appliance efficiency standards. Forecasts are reported for each stage. In addition to the baseline forecasts, high and low forecasts for each zone are provided, representing an eighty percent confidence interval between the high and low forecasts obtained after the second stage.

The NYISO supports the New York Public Service Commission's (PSC) Energy Efficiency Portfolio Standard (EEPS), which stems from the State's "15x15" energy efficiency initiative. That effort seeks to achieve a 15% reduction of energy usage from the baseline forecast for the year 2015, as reported by the NYISO in 2006. The NYISO supports the achievement of this goal. Through its participation in the EEPS Evaluation Advisory Group, the NYISO is involved in activities directed toward the measurement and verification of the impacts obtained through the EEPS.

Each year, the NYISO develops an independent projection of the degree to which statewide EEPS energy efficiency programs, building codes, and appliance efficiency standards will impact electricity usage throughout the state. New and updated information this year was obtained from staff of the New York Department of Public Service, staff from the New York Energy Research and Development Agency, staff from state power authorities and electric utilities, through the NYISO's participation in the EEPS Evaluation Advisory Group, and from the NYISO's own advisors and consultants.

SECTION I:

PEAK DEMAND, EMERGENCY DEMAND RESPONSE PROGRAM AND ENERGY REQUIREMENT FORECASTS

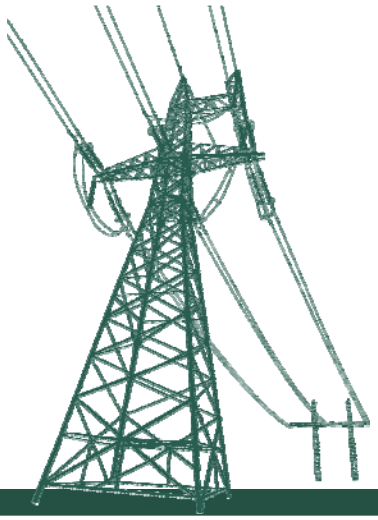


Table I-1: NYCA Energy and Demand Forecasts with Energy Conservation Impacts

2009 Long Term Forecast - 2009 to 2019

Energy - GWh

Year	Low	Baseline	High
2008		166,547	
2009	161,880	164,568	167,256
2010	161,704	164,423	167,142
2011	162,494	165,263	168,032
2012	163,397	166,221	169,045
2013	163,838	166,711	169,584
2014	164,838	167,773	170,708
2015	165,693	168,690	171,687
2016	167,053	170,124	173,195
2017	168,331	171,477	174,623
2018	169,714	172,939	176,164
2019	171,174	174,484	177,794

Summer Peak Demand - MW

Year	Low	Baseline	High
2008		33,670	
2009	31,674	33,452	35,230
2010	31,655	33,441	35,227
2011	31,884	33,693	35,502
2012	32,075	33,906	35,737
2013	32,229	34,080	35,931
2014	32,435	34,309	36,183
2015	32,587	34,483	36,379
2016	32,883	34,809	36,735
2017	33,149	35,103	37,057
2018	33,463	35,450	37,437
2019	33,772	35,792	37,812

Winter Peak Demand - MW

Year	Low	Baseline	High
2008-09		25,016	
2009-10	24,040	24,998	25,956
2010-11	24,002	24,971	25,940
2011-12	24,036	25,020	26,004
2012-13	24,093	25,094	26,095
2013-14	24,262	25,285	26,308
2014-15	24,370	25,414	26,458
2015-16	24,453	25,517	26,581
2016-17	24,598	25,687	26,776
2017-18	24,745	25,859	26,973
2018-19	24,897	26,038	27,179
2019-20	25,063	26,232	27,401

Average Annual Growth - Percent

Period	Low	Baseline	High
2009-19	0.56%	0.59%	0.61%
2009-14	0.36%	0.39%	0.41%
2014-19	0.76%	0.79%	0.82%

Period	Low	Baseline	High
2009-19	0.64%	0.68%	0.71%
2009-14	0.48%	0.51%	0.54%
2014-19	0.81%	0.85%	0.88%

Period	Low	Baseline	High
2009-19	0.42%	0.48%	0.54%
2009-14	0.27%	0.33%	0.38%
2014-19	0.56%	0.64%	0.70%

Notes

1. 2008 results are for weather-normalized energy and peak demand.
2. 2009 summer peak does not correspond to the 2009 ICAP forecast of 33,930 MW, due to lowered economic growth conditions & new energy efficiency programs.
3. 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.
4. All baseline forecasts are at the 50th percentile, with the exception of the Consolidated Edison and Orange and Rockland summer peak demand forecasts, which are at the 67th percentile.
5. The low and high forecasts are at the 10th and 90th percentiles, respectively.
6. All results in the Section I tables include transmission & distribution losses and exclude station power.

Table I-2a: Baseline Forecast with Energy Conservation Impacts: Annual Energy and Coincident Summer and Winter Peak Demand

Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	16,167	9,778	16,332	6,446	7,727	11,654	10,558	2,798	6,145	54,293	22,670	164,568
2010	16,131	9,773	16,315	6,528	7,666	11,681	10,528	2,796	6,140	54,249	22,616	164,423
2011	16,124	9,925	16,387	6,612	7,720	11,844	10,599	2,802	6,159	54,417	22,674	165,263
2012	16,047	9,964	16,405	6,692	7,790	11,925	10,673	2,827	6,209	54,864	22,825	166,221
2013	15,957	10,042	16,456	6,769	7,844	11,963	10,718	2,836	6,231	55,055	22,840	166,711
2014	15,960	10,100	16,563	6,780	7,864	12,024	10,783	2,856	6,275	55,442	23,126	167,773
2015	15,982	10,153	16,676	6,790	7,840	12,113	10,856	2,867	6,301	55,671	23,441	168,690
2016	16,073	10,267	16,864	6,836	7,861	12,191	10,985	2,882	6,332	55,949	23,884	170,124
2017	16,153	10,334	17,050	6,876	7,940	12,305	11,119	2,898	6,364	56,228	24,210	171,477
2018	16,237	10,412	17,247	6,940	8,030	12,378	11,263	2,911	6,396	56,510	24,615	172,939
2019	16,322	10,502	17,451	7,008	8,120	12,456	11,416	2,924	6,428	56,793	25,064	174,484

Forecast of Coincident Summer Peak Demand by Zone - MW

Before Reductions for Emergency Demand Response Programs

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	2,671	1,876	2,766	769	1,334	2,251	2,249	682	1,498	11,945	5,411	33,452
2010	2,665	1,875	2,763	779	1,324	2,256	2,242	680	1,494	11,950	5,413	33,441
2011	2,664	1,904	2,775	789	1,333	2,288	2,257	684	1,502	12,065	5,432	33,693
2012	2,651	1,912	2,779	798	1,345	2,303	2,273	691	1,519	12,170	5,465	33,906
2013	2,636	1,927	2,787	807	1,355	2,311	2,283	691	1,519	12,295	5,469	34,080
2014	2,637	1,938	2,805	809	1,358	2,323	2,297	693	1,523	12,390	5,536	34,309
2015	2,640	1,948	2,824	810	1,354	2,340	2,312	693	1,523	12,440	5,599	34,483
2016	2,655	1,970	2,856	815	1,358	2,355	2,340	698	1,531	12,555	5,676	34,809
2017	2,669	1,983	2,888	820	1,371	2,377	2,368	702	1,544	12,665	5,716	35,103
2018	2,682	1,998	2,921	828	1,387	2,391	2,399	709	1,556	12,775	5,804	35,450
2019	2,696	2,015	2,956	836	1,402	2,406	2,431	713	1,569	12,886	5,882	35,792

Forecast of Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009-10	2,351	1,488	2,537	897	1,297	1,835	1,656	541	882	7,796	3,718	24,998
2010-11	2,346	1,488	2,534	909	1,287	1,839	1,651	541	882	7,790	3,704	24,971
2011-12	2,345	1,511	2,545	920	1,296	1,865	1,662	542	884	7,814	3,636	25,020
2012-13	2,334	1,517	2,548	932	1,308	1,878	1,674	547	892	7,878	3,586	25,094
2013-14	2,320	1,528	2,556	942	1,317	1,884	1,681	549	895	7,905	3,708	25,285
2014-15	2,321	1,537	2,572	944	1,320	1,893	1,691	553	901	7,961	3,721	25,414
2015-16	2,324	1,545	2,590	945	1,316	1,907	1,702	555	905	7,994	3,734	25,517
2016-17	2,337	1,563	2,619	952	1,320	1,920	1,723	558	909	8,034	3,752	25,687
2017-18	2,349	1,573	2,648	957	1,333	1,937	1,744	561	914	8,074	3,769	25,859
2018-19	2,361	1,585	2,679	966	1,348	1,949	1,766	563	918	8,114	3,789	26,038
2019-20	2,374	1,598	2,710	976	1,363	1,961	1,790	566	923	8,155	3,816	26,232

Table I-2b: Baseline Forecast with Energy Conservation Impacts: Non-Coincident Summer and Winter Peak Demand

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

Year	A	B	C	D	E	F	G	H	I	J	K
2009	2,751	1,938	2,826	836	1,386	2,304	2,273	711	1,515	11,945	5,474
2010	2,744	1,937	2,823	847	1,376	2,309	2,266	709	1,511	11,950	5,476
2011	2,743	1,967	2,835	858	1,385	2,342	2,281	713	1,519	12,065	5,495
2012	2,730	1,975	2,839	868	1,397	2,358	2,298	721	1,536	12,170	5,529
2013	2,715	1,991	2,847	878	1,408	2,366	2,308	721	1,536	12,295	5,535
2014	2,716	2,002	2,866	880	1,411	2,378	2,322	723	1,540	12,390	5,603
2015	2,719	2,012	2,885	881	1,407	2,395	2,337	723	1,540	12,440	5,668
2016	2,734	2,035	2,918	886	1,411	2,411	2,365	728	1,548	12,555	5,747
2017	2,749	2,048	2,951	892	1,424	2,433	2,394	732	1,561	12,665	5,789
2018	2,762	2,064	2,984	901	1,441	2,448	2,425	739	1,573	12,775	5,880
2019	2,776	2,081	3,020	909	1,457	2,463	2,457	744	1,587	12,886	5,960

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

Year	A	B	C	D	E	F	G	H	I	J	K
2009-10	2,365	1,495	2,587	924	1,307	1,907	1,662	592	926	7,869	3,751
2010-11	2,360	1,495	2,584	936	1,297	1,911	1,657	592	926	7,863	3,737
2011-12	2,359	1,518	2,595	948	1,306	1,938	1,668	593	928	7,887	3,669
2012-13	2,348	1,524	2,598	960	1,318	1,952	1,680	598	937	7,952	3,619
2013-14	2,333	1,535	2,606	970	1,327	1,958	1,687	601	940	7,979	3,744
2014-15	2,334	1,545	2,623	972	1,330	1,967	1,697	605	946	8,036	3,758
2015-16	2,337	1,553	2,641	973	1,326	1,982	1,708	607	950	8,069	3,772
2016-17	2,351	1,571	2,671	981	1,330	1,995	1,729	610	954	8,110	3,792
2017-18	2,363	1,581	2,700	986	1,343	2,013	1,750	614	960	8,150	3,811
2018-19	2,375	1,593	2,732	995	1,358	2,025	1,773	616	964	8,190	3,833
2019-20	2,388	1,606	2,763	1,005	1,373	2,038	1,797	619	969	8,232	3,861

Table I-2c: Baseline Forecast with Energy Conservation Impacts: Coincident Summer Demand and Emergency Demand Response Program

Forecast of Coincident Summer Peak Demand by Zone - MW

Before Reductions for Emergency Demand Response Programs

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	2,671	1,876	2,766	769	1,334	2,251	2,249	682	1,498	11,945	5,411	33,452
2010	2,665	1,875	2,763	779	1,324	2,256	2,242	680	1,494	11,950	5,413	33,441
2011	2,664	1,904	2,775	789	1,333	2,288	2,257	684	1,502	12,065	5,432	33,693
2012	2,651	1,912	2,779	798	1,345	2,303	2,273	691	1,519	12,170	5,465	33,906
2013	2,636	1,927	2,787	807	1,355	2,311	2,283	691	1,519	12,295	5,469	34,080
2014	2,637	1,938	2,805	809	1,358	2,323	2,297	693	1,523	12,390	5,536	34,309
2015	2,640	1,948	2,824	810	1,354	2,340	2,312	693	1,523	12,440	5,599	34,483
2016	2,655	1,970	2,856	815	1,358	2,355	2,340	698	1,531	12,555	5,676	34,809
2017	2,669	1,983	2,888	820	1,371	2,377	2,368	702	1,544	12,665	5,716	35,103
2018	2,682	1,998	2,921	828	1,387	2,391	2,399	709	1,556	12,775	5,804	35,450
2019	2,696	2,015	2,956	836	1,402	2,406	2,431	713	1,569	12,886	5,882	35,792

Emergency Demand Response Program Reductions by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	13	4	13	3	22	25	20	4	5	77	33	219
2010	13	4	13	3	22	25	20	4	5	77	33	219
2011	13	4	13	3	22	25	20	4	5	77	33	219
2012	13	4	13	3	22	25	20	4	5	77	33	219
2013	13	4	13	3	22	25	20	4	5	77	33	219
2014	13	4	13	3	22	25	20	4	5	77	33	219
2015	13	4	13	3	22	25	20	4	5	77	33	219
2016	13	4	13	3	22	25	20	4	5	77	33	219
2017	13	4	13	3	22	25	20	4	5	77	33	219
2018	13	4	13	3	22	25	20	4	5	77	33	219
2019	13	4	13	3	22	25	20	4	5	77	33	219

Forecast of Coincident Summer Peak Demand by Zone - MW

After Reductions for Emergency Demand Response Programs

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	2,658	1,872	2,753	766	1,312	2,226	2,229	678	1,493	11,868	5,378	33,233
2010	2,652	1,871	2,750	776	1,302	2,231	2,222	676	1,489	11,873	5,380	33,222
2011	2,651	1,900	2,762	786	1,311	2,263	2,237	680	1,497	11,988	5,399	33,474
2012	2,638	1,908	2,766	795	1,323	2,278	2,253	687	1,514	12,093	5,432	33,687
2013	2,623	1,923	2,774	804	1,333	2,286	2,263	687	1,514	12,218	5,436	33,861
2014	2,624	1,934	2,792	806	1,336	2,298	2,277	689	1,518	12,313	5,503	34,090
2015	2,627	1,944	2,811	807	1,332	2,315	2,292	689	1,518	12,363	5,566	34,264
2016	2,642	1,966	2,843	812	1,336	2,330	2,320	694	1,526	12,478	5,643	34,590
2017	2,656	1,979	2,875	817	1,349	2,352	2,348	698	1,539	12,588	5,683	34,884
2018	2,669	1,994	2,908	825	1,365	2,366	2,379	705	1,551	12,698	5,771	35,231
2019	2,683	2,011	2,943	833	1,380	2,381	2,411	709	1,564	12,809	5,849	35,573

Table I-2d: 90th Percentile Forecast of Baseline with Energy Conservation Impacts: Annual Energy and Coincident Summer and Winter Peak Demand

90th Percentile Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	16,431	9,938	16,599	6,551	7,853	11,844	10,730	2,844	6,245	55,180	23,040	167,255
2010	16,398	9,935	16,585	6,636	7,793	11,874	10,702	2,842	6,242	55,146	22,990	167,143
2011	16,394	10,091	16,662	6,723	7,849	12,042	10,777	2,849	6,262	55,329	23,054	168,032
2012	16,320	10,133	16,684	6,806	7,922	12,128	10,854	2,875	6,314	55,796	23,213	169,045
2013	16,232	10,215	16,740	6,886	7,979	12,169	10,903	2,885	6,338	56,004	23,234	169,585
2014	16,239	10,277	16,853	6,899	8,002	12,234	10,972	2,906	6,385	56,412	23,531	170,710
2015	16,266	10,333	16,972	6,911	7,979	12,328	11,049	2,918	6,413	56,660	23,857	171,686
2016	16,363	10,452	17,168	6,959	8,003	12,411	11,183	2,934	6,446	56,959	24,315	173,193
2017	16,449	10,524	17,363	7,002	8,086	12,531	11,323	2,951	6,481	57,259	24,654	174,623
2018	16,540	10,606	17,569	7,069	8,180	12,609	11,473	2,965	6,515	57,564	25,074	176,164
2019	16,632	10,701	17,782	7,141	8,274	12,692	11,633	2,979	6,550	57,870	25,539	177,793

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

Before Reductions for Emergency Demand Response Programs

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	2,813	1,976	2,913	810	1,405	2,371	2,369	718	1,578	12,580	5,699	35,232
2010	2,807	1,975	2,911	821	1,395	2,377	2,362	716	1,574	12,588	5,702	35,228
2011	2,807	2,006	2,924	831	1,405	2,411	2,378	721	1,583	12,713	5,724	35,503
2012	2,794	2,015	2,929	841	1,418	2,427	2,396	728	1,601	12,827	5,760	35,736
2013	2,779	2,032	2,938	851	1,429	2,437	2,407	729	1,601	12,963	5,766	35,932
2014	2,781	2,044	2,958	853	1,432	2,450	2,422	731	1,606	13,067	5,838	36,182
2015	2,785	2,055	2,979	855	1,428	2,469	2,439	731	1,607	13,124	5,907	36,379
2016	2,802	2,079	3,014	860	1,433	2,485	2,469	737	1,616	13,250	5,990	36,735
2017	2,818	2,093	3,049	866	1,447	2,509	2,500	741	1,630	13,370	6,034	37,057
2018	2,832	2,110	3,085	874	1,465	2,525	2,533	749	1,643	13,491	6,129	37,436
2019	2,848	2,129	3,123	883	1,481	2,542	2,568	753	1,658	13,613	6,214	37,812

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009-10	2,441	1,545	2,634	931	1,347	1,905	1,719	562	916	8,095	3,860	25,955
2010-11	2,437	1,546	2,632	944	1,337	1,910	1,715	562	916	8,092	3,848	25,939
2011-12	2,437	1,570	2,645	956	1,347	1,938	1,727	563	919	8,121	3,779	26,002
2012-13	2,427	1,577	2,650	969	1,360	1,953	1,741	569	928	8,192	3,729	26,095
2013-14	2,414	1,590	2,659	980	1,370	1,960	1,749	571	931	8,225	3,858	26,307
2014-15	2,416	1,600	2,678	983	1,374	1,971	1,760	576	938	8,288	3,874	26,458
2015-16	2,421	1,609	2,698	984	1,371	1,987	1,773	578	943	8,327	3,890	26,581
2016-17	2,436	1,629	2,730	992	1,376	2,001	1,796	582	948	8,375	3,911	26,776
2017-18	2,450	1,641	2,762	998	1,390	2,020	1,819	585	953	8,422	3,931	26,971
2018-19	2,464	1,654	2,796	1,008	1,407	2,034	1,843	588	958	8,470	3,955	27,177
2019-20	2,480	1,669	2,831	1,020	1,424	2,048	1,870	591	964	8,519	3,986	27,402

Note: Energy and demand forecasts for zones at the 90th percentile are in the same proportion as they are at the 50th percentile.

Table I-2e: 10th Percentile Forecast of Baseline with Energy Conservation Impacts: Annual Energy and Coincident Summer and Winter Peak Demand

10th Percentile Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	15,903	9,618	16,065	6,341	7,601	11,464	10,386	2,752	6,045	53,406	22,300	161,881
2010	15,864	9,611	16,045	6,420	7,539	11,488	10,354	2,750	6,038	53,352	22,242	161,703
2011	15,854	9,759	16,112	6,501	7,591	11,646	10,421	2,755	6,056	53,505	22,294	162,494
2012	15,774	9,795	16,126	6,578	7,658	11,722	10,492	2,779	6,104	53,932	22,437	163,397
2013	15,682	9,869	16,172	6,652	7,709	11,757	10,533	2,787	6,124	54,106	22,446	163,837
2014	15,681	9,923	16,273	6,661	7,726	11,814	10,594	2,806	6,165	54,472	22,721	164,836
2015	15,698	9,973	16,380	6,669	7,701	11,898	10,663	2,816	6,189	54,682	23,025	165,694
2016	15,783	10,082	16,560	6,713	7,719	11,971	10,787	2,830	6,218	54,939	23,453	167,055
2017	15,857	10,144	16,737	6,750	7,794	12,079	10,915	2,845	6,247	55,197	23,766	168,331
2018	15,934	10,218	16,925	6,811	7,880	12,147	11,053	2,857	6,277	55,456	24,156	169,714
2019	16,012	10,303	17,120	6,875	7,966	12,220	11,199	2,869	6,306	55,716	24,589	171,175

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

Before Reductions for Emergency Demand Response Programs

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	2,529	1,776	2,619	728	1,263	2,131	2,129	646	1,418	11,310	5,123	31,672
2010	2,523	1,775	2,615	737	1,253	2,135	2,122	644	1,414	11,312	5,124	31,654
2011	2,521	1,802	2,626	747	1,261	2,165	2,136	647	1,421	11,417	5,140	31,883
2012	2,508	1,809	2,629	755	1,272	2,179	2,150	654	1,437	11,513	5,170	32,076
2013	2,493	1,822	2,636	763	1,281	2,185	2,159	653	1,437	11,627	5,172	32,228
2014	2,493	1,832	2,652	765	1,284	2,196	2,172	655	1,440	11,713	5,234	32,436
2015	2,495	1,841	2,669	765	1,280	2,211	2,185	655	1,439	11,756	5,291	32,587
2016	2,508	1,861	2,698	770	1,283	2,225	2,211	659	1,446	11,860	5,362	32,883
2017	2,520	1,873	2,727	774	1,295	2,245	2,236	663	1,458	11,960	5,398	33,149
2018	2,532	1,886	2,757	782	1,309	2,257	2,265	669	1,469	12,059	5,479	33,464
2019	2,544	1,901	2,789	789	1,323	2,270	2,294	673	1,480	12,159	5,550	33,772

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009-10	2,261	1,431	2,440	863	1,247	1,765	1,593	520	848	7,497	3,576	24,041
2010-11	2,255	1,430	2,436	874	1,237	1,768	1,587	520	848	7,488	3,560	24,003
2011-12	2,253	1,452	2,445	884	1,245	1,792	1,597	521	849	7,507	3,493	24,038
2012-13	2,241	1,457	2,446	895	1,256	1,803	1,607	525	856	7,564	3,443	24,093
2013-14	2,226	1,466	2,453	904	1,264	1,808	1,613	527	859	7,585	3,558	24,263
2014-15	2,226	1,474	2,466	905	1,266	1,815	1,622	530	864	7,634	3,568	24,370
2015-16	2,227	1,481	2,482	906	1,261	1,827	1,631	532	867	7,661	3,578	24,453
2016-17	2,238	1,497	2,508	912	1,264	1,839	1,650	534	870	7,693	3,593	24,598
2017-18	2,248	1,505	2,534	916	1,276	1,854	1,669	537	875	7,726	3,607	24,747
2018-19	2,258	1,516	2,562	924	1,289	1,864	1,689	538	878	7,758	3,623	24,899
2019-20	2,268	1,527	2,589	932	1,302	1,874	1,710	541	882	7,791	3,646	25,062

Note: Energy and demand forecasts for zones at the 10th percentile are in the same proportion as they are at the 50th percentile.

Table I-3a: Baseline Forecast without Energy Conservation Impacts: Annual Energy and Coincident Summer and Winter Peak Demand

Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	16,244	9,827	16,413	6,479	7,765	11,712	10,612	2,820	6,194	54,730	22,735	165,531
2010	16,292	9,875	16,484	6,598	7,746	11,802	10,641	2,847	6,257	55,278	22,824	166,644
2011	16,373	10,082	16,650	6,721	7,845	12,031	10,774	2,898	6,366	56,245	23,052	169,037
2012	16,421	10,201	16,799	6,855	7,977	12,206	10,935	2,969	6,525	57,646	23,401	171,935
2013	16,458	10,359	16,984	6,988	8,094	12,339	11,069	3,018	6,628	58,560	23,623	174,120
2014	16,576	10,489	17,211	7,049	8,171	12,485	11,213	3,064	6,733	59,488	24,119	176,598
2015	16,713	10,615	17,444	7,109	8,205	12,660	11,366	3,109	6,833	60,372	24,652	179,078
2016	16,855	10,761	17,687	7,178	8,251	12,776	11,531	3,158	6,935	61,277	25,279	181,688
2017	16,982	10,858	17,922	7,238	8,353	12,925	11,698	3,204	7,039	62,197	25,739	184,155
2018	17,107	10,962	18,163	7,320	8,464	13,030	11,871	3,253	7,145	63,129	26,278	186,722
2019	17,230	11,076	18,407	7,404	8,573	13,136	12,050	3,300	7,253	64,076	26,849	189,354

Forecast of Coincident Summer Peak Demand by Zone - MW

Before Reductions for Emergency Demand Response Programs

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	2,684	1,885	2,780	773	1,341	2,262	2,260	687	1,507	11,974	5,427	33,580
2010	2,691	1,895	2,792	787	1,338	2,280	2,266	689	1,511	12,059	5,459	33,767
2011	2,705	1,934	2,820	802	1,355	2,324	2,295	696	1,531	12,236	5,517	34,215
2012	2,713	1,957	2,845	818	1,378	2,358	2,329	709	1,555	12,391	5,599	34,652
2013	2,719	1,987	2,877	834	1,398	2,383	2,357	713	1,566	12,568	5,660	35,062
2014	2,738	2,012	2,915	841	1,411	2,412	2,388	718	1,578	12,734	5,788	35,535
2015	2,761	2,037	2,954	848	1,417	2,445	2,421	724	1,590	12,854	5,917	35,968
2016	2,784	2,065	2,996	856	1,425	2,468	2,456	729	1,599	12,971	6,059	36,408
2017	2,805	2,083	3,035	863	1,443	2,497	2,491	736	1,614	13,079	6,161	36,807
2018	2,826	2,103	3,076	873	1,462	2,517	2,528	740	1,624	13,191	6,312	37,252
2019	2,846	2,125	3,118	883	1,481	2,537	2,566	744	1,635	13,304	6,451	37,690

Forecast of Coincident Winter Peak Demand by Zone- MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009-10	2,362	1,496	2,549	902	1,304	1,844	1,664	546	889	7,859	3,718	25,133
2010-11	2,369	1,503	2,560	919	1,300	1,858	1,669	551	898	7,937	3,704	25,268
2011-12	2,381	1,535	2,586	936	1,317	1,894	1,689	561	914	8,076	3,636	25,525
2012-13	2,388	1,553	2,609	954	1,339	1,922	1,715	574	937	8,277	3,586	25,854
2013-14	2,393	1,577	2,638	973	1,359	1,943	1,736	584	952	8,409	3,708	26,272
2014-15	2,410	1,596	2,673	981	1,372	1,966	1,758	593	967	8,542	3,721	26,579
2015-16	2,430	1,616	2,709	990	1,377	1,993	1,782	602	981	8,669	3,734	26,883
2016-17	2,451	1,638	2,747	999	1,385	2,012	1,808	611	996	8,799	3,752	27,198
2017-18	2,470	1,653	2,784	1,008	1,402	2,035	1,834	620	1,011	8,931	3,769	27,517
2018-19	2,488	1,668	2,821	1,019	1,421	2,052	1,861	629	1,026	9,065	3,789	27,839
2019-20	2,506	1,686	2,859	1,031	1,439	2,068	1,890	638	1,041	9,201	3,816	28,175

Table I-3b: Baseline Forecast without Energy Conservation Impacts: Non-Coincident Summer and Winter Peak Demand

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

Year	A	B	C	D	E	F	G	H	I	J	K
2009	2,764	1,947	2,840	841	1,393	2,316	2,284	717	1,524	11,974	5,489
2010	2,771	1,958	2,853	856	1,390	2,334	2,290	719	1,528	12,059	5,521
2011	2,786	1,998	2,881	872	1,408	2,379	2,320	726	1,548	12,236	5,580
2012	2,794	2,022	2,907	890	1,432	2,414	2,354	739	1,572	12,391	5,664
2013	2,800	2,053	2,939	907	1,453	2,439	2,382	744	1,584	12,568	5,725
2014	2,820	2,078	2,978	915	1,466	2,469	2,414	749	1,596	12,734	5,855
2015	2,843	2,104	3,018	922	1,472	2,503	2,447	755	1,608	12,854	5,986
2016	2,867	2,133	3,061	931	1,481	2,526	2,483	760	1,617	12,971	6,131
2017	2,889	2,152	3,101	939	1,499	2,556	2,518	768	1,632	13,079	6,234
2018	2,910	2,172	3,143	950	1,519	2,577	2,555	772	1,642	13,191	6,387
2019	2,931	2,195	3,186	960	1,539	2,597	2,594	776	1,653	13,304	6,529

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

Year	A	B	C	D	E	F	G	H	I	J	K
2009-10	2,376	1,503	2,599	929	1,314	1,916	1,670	597	933	7,933	3,761
2010-11	2,383	1,510	2,610	947	1,310	1,931	1,675	603	943	8,012	3,747
2011-12	2,395	1,543	2,637	964	1,327	1,968	1,695	614	960	8,152	3,678
2012-13	2,402	1,561	2,660	983	1,349	1,997	1,721	628	984	8,355	3,627
2013-14	2,407	1,585	2,690	1,002	1,369	2,019	1,742	639	1,000	8,488	3,751
2014-15	2,424	1,604	2,726	1,010	1,382	2,043	1,765	649	1,015	8,622	3,764
2015-16	2,444	1,624	2,762	1,020	1,387	2,071	1,789	659	1,030	8,750	3,777
2016-17	2,465	1,646	2,801	1,029	1,395	2,091	1,815	668	1,046	8,882	3,795
2017-18	2,484	1,661	2,839	1,038	1,412	2,115	1,841	678	1,062	9,015	3,813
2018-19	2,502	1,676	2,877	1,050	1,432	2,132	1,868	688	1,077	9,150	3,834
2019-20	2,521	1,694	2,915	1,062	1,450	2,149	1,897	698	1,093	9,287	3,861

Table I-3c: Baseline Forecast without Energy Conservation Impacts: Coincident Summer Demand and Emergency Demand Response Program

Forecast of Coincident Summer Peak Demand by Zone - MW

Before Reductions for Emergency Demand Response Programs

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	2,684	1,885	2,780	773	1,341	2,262	2,260	687	1,507	11,974	5,427	33,580
2010	2,691	1,895	2,792	787	1,338	2,280	2,266	689	1,511	12,059	5,459	33,767
2011	2,705	1,934	2,820	802	1,355	2,324	2,295	696	1,531	12,236	5,517	34,215
2012	2,713	1,957	2,845	818	1,378	2,358	2,329	709	1,555	12,391	5,599	34,652
2013	2,719	1,987	2,877	834	1,398	2,383	2,357	713	1,566	12,568	5,660	35,062
2014	2,738	2,012	2,915	841	1,411	2,412	2,388	718	1,578	12,734	5,788	35,535
2015	2,761	2,037	2,954	848	1,417	2,445	2,421	724	1,590	12,854	5,917	35,968
2016	2,784	2,065	2,996	856	1,425	2,468	2,456	729	1,599	12,971	6,059	36,408
2017	2,805	2,083	3,035	863	1,443	2,497	2,491	736	1,614	13,079	6,161	36,807
2018	2,826	2,103	3,076	873	1,462	2,517	2,528	740	1,624	13,191	6,312	37,252
2019	2,846	2,125	3,118	883	1,481	2,537	2,566	744	1,635	13,304	6,451	37,690

Emergency Demand Response Program Reductions by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	13	4	13	3	22	25	20	4	5	77	33	219
2010	13	4	13	3	22	25	20	4	5	77	33	219
2011	13	4	13	3	22	25	20	4	5	77	33	219
2012	13	4	13	3	22	25	20	4	5	77	33	219
2013	13	4	13	3	22	25	20	4	5	77	33	219
2014	13	4	13	3	22	25	20	4	5	77	33	219
2015	13	4	13	3	22	25	20	4	5	77	33	219
2016	13	4	13	3	22	25	20	4	5	77	33	219
2017	13	4	13	3	22	25	20	4	5	77	33	219
2018	13	4	13	3	22	25	20	4	5	77	33	219
2019	13	4	13	3	22	25	20	4	5	77	33	219

Forecast of Coincident Summer Peak Demand by Zone - MW

After Reductions for Emergency Demand Response Programs

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2009	2,671	1,881	2,767	770	1,319	2,237	2,240	683	1,502	11,897	5,394	33,361
2010	2,678	1,891	2,779	784	1,316	2,255	2,246	685	1,506	11,982	5,426	33,548
2011	2,692	1,930	2,807	799	1,333	2,299	2,275	692	1,526	12,159	5,484	33,996
2012	2,700	1,953	2,832	815	1,356	2,333	2,309	705	1,550	12,314	5,566	34,433
2013	2,706	1,983	2,864	831	1,376	2,358	2,337	709	1,561	12,491	5,627	34,843
2014	2,725	2,008	2,902	838	1,389	2,387	2,368	714	1,573	12,657	5,755	35,316
2015	2,748	2,033	2,941	845	1,395	2,420	2,401	720	1,585	12,777	5,884	35,749
2016	2,771	2,061	2,983	853	1,403	2,443	2,436	725	1,594	12,894	6,026	36,189
2017	2,792	2,079	3,022	860	1,421	2,472	2,471	732	1,609	13,002	6,128	36,588
2018	2,813	2,099	3,063	870	1,440	2,492	2,508	736	1,619	13,114	6,279	37,033
2019	2,833	2,121	3,105	880	1,459	2,512	2,546	740	1,630	13,227	6,418	37,471

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

Historic Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
1999	18,210	8,611	15,713	6,184	8,956	11,994	9,266	1,894	6,060	48,281	19,671	154,841
2000	16,785	9,635	16,182	6,527	8,182	11,398	9,304	1,942	5,929	49,183	20,072	155,139
2001	16,209	9,661	16,034	6,374	7,403	11,429	9,396	2,003	5,782	50,227	20,723	155,241
2002	16,355	9,935	16,356	6,450	7,116	11,302	9,970	2,162	5,962	51,356	21,544	158,507
2003	15,942	9,719	16,794	5,912	6,950	11,115	10,451	2,219	6,121	50,829	21,960	158,012
2004	16,102	9,888	16,825	5,758	7,101	11,161	10,696	2,188	6,216	52,073	22,203	160,211
2005	16,498	10,227	17,568	6,593	7,594	11,789	10,924	2,625	6,435	54,007	22,948	167,208
2006	15,998	10,003	16,839	6,289	7,339	11,337	10,417	2,461	6,274	53,096	22,185	162,237
2007	16,258	10,207	17,028	6,641	7,837	11,917	10,909	2,702	6,344	54,750	22,748	167,341
2008	15,835	10,089	16,721	6,734	7,856	11,595	10,607	2,935	5,944	54,835	22,461	165,613

Historic Summer Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
1999	2,769	1,564	2,615	669	1,273	2,169	2,321	429	1,277	10,467	4,758	30,311
2000	2,462	1,644	2,459	757	1,185	1,872	2,176	417	1,265	9,771	4,130	28,138
2001	2,519	1,889	2,719	780	1,260	2,068	2,361	537	1,347	10,602	4,900	30,982
2002	2,631	1,842	2,787	777	1,252	2,073	2,076	498	1,335	10,321	5,072	30,664
2003	2,510	1,782	2,727	671	1,208	2,163	2,146	498	1,395	10,240	4,993	30,333
2004	2,493	1,743	2,585	644	1,057	1,953	2,041	475	1,280	9,742	4,420	28,433
2005	2,726	1,923	2,897	768	1,314	2,164	2,236	592	1,409	10,810	5,236	32,075
2006	2,735	2,110	3,128	767	1,435	2,380	2,436	596	1,467	11,300	5,585	33,939
2007	2,592	1,860	2,786	795	1,257	2,185	2,316	595	1,438	10,970	5,375	32,169
2008	2,611	2,001	2,939	801	1,268	2,270	2,277	657	1,399	10,979	5,231	32,432

Historic Winter Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
1999-00	2,454	1,499	2,497	870	1,443	1,906	1,726	420	976	7,072	3,177	24,040
2000-01	2,489	1,510	2,506	880	1,263	1,798	1,690	366	877	7,206	3,188	23,773
2001-02*	2,248	1,455	2,340	843	1,129	1,742	1,626	344	860	7,013	3,198	22,798
2002-03	2,418	1,507	2,679	925	1,223	1,903	1,590	437	927	7,373	3,472	24,454
2003-04	2,433	1,576	2,755	857	1,344	1,944	1,720	478	981	7,527	3,647	25,262
2004-05	2,446	1,609	2,747	918	1,281	1,937	1,766	474	939	7,695	3,729	25,541
2005-06	2,450	1,544	2,700	890	1,266	1,886	1,663	515	955	7,497	3,581	24,947
2006-07	2,382	1,566	2,755	921	1,274	1,888	1,638	504	944	7,680	3,505	25,057
2007-08	2,336	1,536	2,621	936	1,312	1,886	1,727	524	904	7,643	3,596	25,021
2008-09	2,274	1,567	2,533	930	1,289	1,771	1,634	529	884	7,692	3,570	24,673

* The 2001-2002 winter capability period peak was set on April 18, 2002. The peak reported here is the highest coincident recorded from December 1, 2001 through March 31, 2002.

Table I-4b: Historic Non-Coincident Peaks

Historic Summer Non-Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K
1999	2,976	1,583	2,627	789	1,446	2,225	2,321	543	1,358	10,473	4,782
2000	2,625	1,694	2,710	884	1,216	1,919	2,178	586	1,265	9,809	4,386
2001	2,745	1,938	2,764	806	1,304	2,107	2,401	549	1,397	10,602	4,901
2002	2,770	1,898	2,879	804	1,361	2,114	2,097	562	1,364	10,457	5,082
2003	2,611	1,790	2,745	762	1,223	2,170	2,146	579	1,395	10,240	4,993
2004	2,523	1,743	2,601	705	1,149	1,997	2,041	502	1,366	9,769	4,728
2005	2,787	2,037	3,042	823	1,360	2,254	2,296	632	1,492	11,162	5,295
2006	2,786	2,144	3,153	845	1,435	2,380	2,497	627	1,545	11,350	5,752
2007	2,738	2,015	2,888	829	1,349	2,301	2,316	607	1,438	10,971	5,396
2008	2,611	2,001	2,939	875	1,388	2,302	2,344	665	1,441	11,262	5,281

Historic Winter Non-Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K
1999-00	2,739	1,547	2,665	1,094	1,471	1,912	1,749	502	998	7,072	3,245
2000-01	2,489	1,534	2,540	922	1,333	1,872	1,732	479	985	7,206	3,269
2001-02*	2,329	1,511	2,611	872	1,190	1,792	1,646	470	1,005	7,067	3,296
2002-03	2,870	1,538	2,687	941	1,259	1,910	1,619	490	1,155	7,440	3,496
2003-04	2,434	1,576	2,966	1,052	1,362	1,944	1,720	530	1,286	7,595	3,647
2004-05	2,463	1,609	2,804	945	1,305	1,958	1,794	571	1,080	7,695	3,767
2005-06	2,450	1,546	2,700	912	1,266	2,196	1,663	541	1,058	7,668	3,584
2006-07	2,400	1,566	2,755	943	1,280	1,932	1,641	532	944	7,680	3,506
2007-08	2,370	1,573	2,621	936	1,312	1,886	1,727	556	955	7,761	3,596
2008-09	2,332	1,574	2,573	949	1,299	1,837	1,652	558	884	7,692	3,633

* The 2001-2002 winter capability period peak was set on April 18, 2002. The peak reported here is the highest coincident recorded from December 1, 2001 through March 31, 2002.

New York Control Area System Coincident Peaks, Dates and Times

Summer Peak Dates & Times
May 1 through October 31

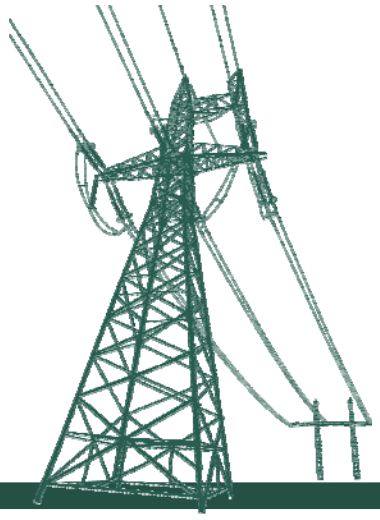
Year	Date	Hour Ending	Summer Peak MW
1994	7/21/1994	15	27,065
1995	8/4/1995	16	27,206
1996	7/18/1996	17	25,585
1997	7/15/1997	15	28,699
1998	7/22/1998	17	28,161
1999	7/6/1999	14	30,311
2000	6/26/2000	17	28,138
2001	8/9/2001	15	30,982
2002	7/29/2002	17	30,664
2003	6/26/2003	17	30,333
2004	6/9/2004	17	28,433
2005	7/26/2005	17	32,075
2006	8/2/2006	14	33,939
2007	8/8/2007	17	32,169
2008	6/9/2008	17	32,432

Winter Peak Dates & Times
November 1 through following April 30

Year	Date	Hour Ending	Winter Peak MW
1994 - 05	2/6/1995	19	23,345
1995 - 06	12/20/1995	18	23,394
1996 - 07	1/17/1997	18	22,728
1997 - 08	12/10/1997	18	22,445
1998 - 09	1/14/1999	18	23,878
1999 - 00	1/18/2000	18	24,041
2000 - 01	12/13/2000	18	23,774
2001 - 02	4/18/2002	17	23,713
2002 - 03	1/23/2003	19	24,454
2003 - 04	1/15/2004	19	25,262
2004 - 05	12/20/2004	18	25,541
2005 - 06	12/14/2005	19	25,060
2006 - 07	2/5/2007	18	25,057
2007 - 08	1/3/2008	19	25,021
2008 - 09	12/22/2008	18	24,673

SECTION II:

SUMMARY OF SIGNIFICANT CHANGES IN EXISTING GENERATING CAPACITY SINCE 2008 LOAD AND CAPACITY DATA



Summary of Significant Changes in Existing Generating Capacity since 2008 Load and Capacity Data

Renewable energy dominates new generating facilities built in 2008 and early 2009, with an additional 851 MW of wind plants installed throughout Upstate New York in Zones A, C and D. Of the 13 new units that came on-line since the publication of the 2008 Load and Capacity Data, 8 units are wind, 4 units are internal combustion (methane), and 1 unit is internal combustion (natural gas).

Four generating facilities retired since the publication of the 2008 Load and Capacity Data: 3 steam turbine (fossil) units and 1 combined cycle (natural gas) unit.

The summer 2009 generating capacity of 38,190 MW is about 500 MW less than the summer 2008 generating capacity. Summer 2009 contains less fossil fuel capacity and more renewable capacity than summer 2008.

In 2008, a total of 144,619 GWh were generated, approximately 4% less than was generated in 2007. 2008 also saw a decrease in fossil fuel generation and an increase in renewable energy generation compared to 2007.

SECTION III:

EXISTING GENERATING CAPACITY AS OF MARCH 2009

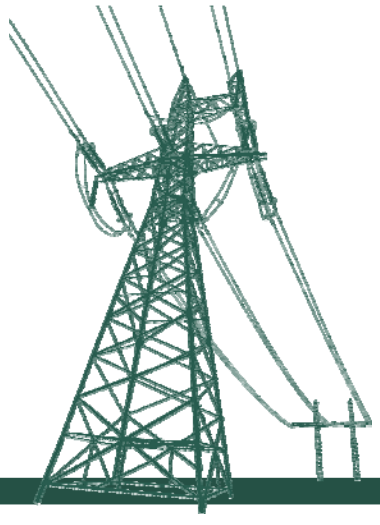


Table III-1: Existing Generating Facilities Codes and Abbreviation

FUEL TYPES

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

UNIT TYPES

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

BOILER FIRING (FT)

C - Cyclone
D - Down-Fired
S - Stoker
T - Tangential
W - Wall-Fired

COOLING METHOD (CS)

A - Once Through Cooling
B - Natural Draft Cooling Tower
C - Air

COUNTY CODES
NEW YORK - NY - 36

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

COUNTY CODES
PENNSYLVANIA - PA - 42

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

COUNTY CODES
MASSACHUSETTS - MA - 25

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

COUNTY CODES
NEW JERSEY - NJ - 34

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

Table III-2: Existing Generating Facilities

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
AES Eastern Energy, LP	Cayuga 1		C	23584	Lansing	109	36	1955-09-01	167,200	152,300	154,200	N	ST	T	A	BIT			1,090,337	
AES Eastern Energy, LP	Cayuga 2		C	23585	Lansing	109	36	1958-10-01	155,300	153,800	155,200	N	ST	T	A	BIT			1,087,990	
AES Eastern Energy, LP	Cayuga IC 1		C	23629	Lansing	109	36	1967-08-01	2,800	0	0	N	IC		C	FO2			0	
AES Eastern Energy, LP	Cayuga IC 2		C	23629	Lansing	109	36	1967-08-01	2,800	0	0	N	IC		C	FO2			0	
AES Eastern Energy, LP	Greenidge 3		C	23582	Torrey	123	36	1950-04-01	50,000	52,000	48,200	N	ST	W	A	BIT			36,867	
AES Eastern Energy, LP	Greenidge 4		C	23583	Torrey	123	36	1953-12-01	112,000	103,500	104,100	N	ST	T	A	BIT	WD	NG	671,519	
AES Eastern Energy, LP	Somerset		A	23543	Somerset	063	36	1984-08-01	655,100	682,800	682,600	N	ST	W	A	BIT			5,232,866	
AES Eastern Energy, LP	Westover 7		C	23579	Union	007	36	1944-01-01	75,000	40,200	40,900	N	ST	W	A	BIT			5,515	
AES Eastern Energy, LP	Westover 8		C	23580	Union	007	36	1951-12-01	43,800	80,900	82,200	N	ST	T	A	BIT			492,424	
Astoria Energy, LLC	Astoria East Energy CC1		J	323581	Queens	081	36	2006-04-01	448,000	392,300	449,700	N	CC		A	NG	FO2		2,316,709	(1)
Astoria Energy, LLC	Astoria East Energy CC2		J	323582	Queens	081	36	2006-04-01	192,000	165,000	189,200	N	CC		A	NG	FO2			
Astoria Generating Company L.P.	Astoria 2		J	24149	Queens	081	36	2001-05-01	180,000	176,300	174,500	N	ST		A	FO6	NG		28,012	
Astoria Generating Company L.P.	Astoria 3		J	23516	Queens	081	36	1958-09-01	376,000	369,900	352,400	N	ST		A	FO6	NG		826,565	
Astoria Generating Company L.P.	Astoria 4		J	23517	Queens	081	36	1961-03-01	387,000	373,600	384,600	N	ST		A	FO6	NG		498,957	
Astoria Generating Company L.P.	Astoria 5		J	23518	Queens	081	36	1962-05-01	387,000	373,100	379,000	N	ST		A	FO6	NG		818,295	
Astoria Generating Company L.P.	Astoria GT 01		J	23523	Queens	081	36	1967-07-01	16,000	15,300	19,500	N	GT		C	NG			710	
Astoria Generating Company L.P.	Gowanus 1-1		J	24077	Brooklyn	047	36	1971-06-01	20,000	18,200	24,700	N	GT		C	FO2			800	
Astoria Generating Company L.P.	Gowanus 1-2		J	24078	Brooklyn	047	36	1971-06-01	20,000	15,800	19,200	N	GT		C	FO2			730	
Astoria Generating Company L.P.	Gowanus 1-3		J	24079	Brooklyn	047	36	1971-06-01	20,000	16,200	21,300	N	GT		C	FO2			530	
Astoria Generating Company L.P.	Gowanus 1-4		J	24080	Brooklyn	047	36	1971-06-01	20,000	14,900	20,300	N	GT		C	FO2			510	
Astoria Generating Company L.P.	Gowanus 1-5		J	24084	Brooklyn	047	36	1971-06-01	20,000	16,000	23,200	N	GT		C	FO2			570	
Astoria Generating Company L.P.	Gowanus 1-6		J	24111	Brooklyn	047	36	1971-06-01	20,000	18,000	24,600	N	GT		C	FO2			600	
Astoria Generating Company L.P.	Gowanus 1-7		J	24112	Brooklyn	047	36	1971-06-01	20,000	16,400	21,600	N	GT		C	FO2			590	
Astoria Generating Company L.P.	Gowanus 1-8		J	24113	Brooklyn	047	36	1971-06-01	20,000	15,600	19,900	N	GT		C	FO2			450	
Astoria Generating Company L.P.	Gowanus 2-1		J	24114	Brooklyn	047	36	1971-06-01	20,000	17,300	22,900	N	GT		C	FO2	NG		3,090	
Astoria Generating Company L.P.	Gowanus 2-2		J	24115	Brooklyn	047	36	1971-06-01	20,000	18,800	24,300	N	GT		C	FO2	NG		3,410	
Astoria Generating Company L.P.	Gowanus 2-3		J	24116	Brooklyn	047	36	1971-06-01	20,000	19,100	22,400	N	GT		C	FO2	NG		3,880	

TABLE III - 2

EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Astoria Generating Company L.P.	Gowanus 2-4		J	24117	Brooklyn	047	36	1971-06-01	20,000	17,500	23,000	N	GT	C		FO2	NG		3,170	
Astoria Generating Company L.P.	Gowanus 2-5		J	24118	Brooklyn	047	36	1971-06-01	20,000	17,700	21,700	N	GT	C		FO2	NG		2,810	
Astoria Generating Company L.P.	Gowanus 2-6		J	24119	Brooklyn	047	36	1971-06-01	20,000	19,400	25,200	N	GT	C		FO2	NG		4,680	
Astoria Generating Company L.P.	Gowanus 2-7		J	24120	Brooklyn	047	36	1971-06-01	20,000	18,400	25,200	N	GT	C		FO2	NG		3,460	
Astoria Generating Company L.P.	Gowanus 2-8		J	24121	Brooklyn	047	36	1971-06-01	20,000	17,300	23,200	N	GT	C		FO2	NG		2,860	
Astoria Generating Company L.P.	Gowanus 3-1		J	24122	Brooklyn	047	36	1971-07-01	20,000	17,200	22,400	N	GT	C		FO2	NG		2,670	
Astoria Generating Company L.P.	Gowanus 3-2		J	24123	Brooklyn	047	36	1971-07-01	20,000	17,200	22,400	N	GT	C		FO2	NG		3,160	
Astoria Generating Company L.P.	Gowanus 3-3		J	24124	Brooklyn	047	36	1971-07-01	20,000	19,400	24,700	N	GT	C		FO2	NG		3,380	
Astoria Generating Company L.P.	Gowanus 3-4		J	24125	Brooklyn	047	36	1971-07-01	20,000	17,000	22,500	N	GT	C		FO2	NG		2,560	
Astoria Generating Company L.P.	Gowanus 3-5		J	24126	Brooklyn	047	36	1971-07-01	20,000	17,000	24,000	N	GT	C		FO2	NG		2,060	
Astoria Generating Company L.P.	Gowanus 3-6		J	24127	Brooklyn	047	36	1971-07-01	20,000	15,500	21,400	N	GT	C		FO2	NG		1,900	
Astoria Generating Company L.P.	Gowanus 3-7		J	24128	Brooklyn	047	36	1971-07-01	20,000	17,300	23,000	N	GT	C		FO2	NG		3,140	
Astoria Generating Company L.P.	Gowanus 3-8		J	24129	Brooklyn	047	36	1971-07-01	20,000	18,100	24,100	N	GT	C		FO2	NG		3,110	
Astoria Generating Company L.P.	Gowanus 4-1		J	24130	Brooklyn	047	36	1971-07-01	20,000	16,400	22,300	N	GT	C		FO2			210	
Astoria Generating Company L.P.	Gowanus 4-2		J	24131	Brooklyn	047	36	1971-07-01	20,000	16,400	22,200	N	GT	C		FO2			260	
Astoria Generating Company L.P.	Gowanus 4-3		J	24132	Brooklyn	047	36	1971-07-01	20,000	16,300	23,100	N	GT	C		FO2			360	
Astoria Generating Company L.P.	Gowanus 4-4		J	24133	Brooklyn	047	36	1971-07-01	20,000	16,300	22,500	N	GT	C		FO2			450	
Astoria Generating Company L.P.	Gowanus 4-5		J	24134	Brooklyn	047	36	1971-07-01	20,000	16,200	22,300	N	GT	C		FO2			440	
Astoria Generating Company L.P.	Gowanus 4-6		J	24135	Brooklyn	047	36	1971-07-01	20,000	17,000	23,900	N	GT	C		FO2			460	
Astoria Generating Company L.P.	Gowanus 4-7		J	24136	Brooklyn	047	36	1971-07-01	20,000	15,600	21,600	N	GT	C		FO2			330	
Astoria Generating Company L.P.	Gowanus 4-8		J	24137	Brooklyn	047	36	1971-07-01	20,000	17,500	21,400	N	GT	C		FO2			480	
Astoria Generating Company L.P.	Narrows 1-1		J	24228	Brooklyn	047	36	1972-05-01	22,000	18,900	25,000	N	GT	C		KER	NG		11,580	
Astoria Generating Company L.P.	Narrows 1-2		J	24229	Brooklyn	047	36	1972-05-01	22,000	17,600	25,000	N	GT	C		KER	NG		10,770	
Astoria Generating Company L.P.	Narrows 1-3		J	24230	Brooklyn	047	36	1972-05-01	22,000	19,000	26,200	N	GT	C		KER	NG		10,670	
Astoria Generating Company L.P.	Narrows 1-4		J	24231	Brooklyn	047	36	1972-05-01	22,000	19,300	26,400	N	GT	C		KER	NG		9,050	
Astoria Generating Company L.P.	Narrows 1-5		J	24232	Brooklyn	047	36	1972-05-01	22,000	18,200	23,500	N	GT	C		KER	NG		7,530	
Astoria Generating Company L.P.	Narrows 1-6		J	24233	Brooklyn	047	36	1972-05-01	22,000	17,200	23,600	N	GT	C		KER	NG		6,980	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Astoria Generating Company L.P.	Narrows 1-7		J	24234	Brooklyn	047	36	1972-05-01	22,000	17,500	21,400	N	GT		C	KER	NG		4,320	
Astoria Generating Company L.P.	Narrows 1-8		J	24235	Brooklyn	047	36	1972-05-01	22,000	18,000	23,800	N	GT		C	KER	NG		6,020	
Astoria Generating Company L.P.	Narrows 2-1		J	24236	Brooklyn	047	36	1972-06-01	22,000	18,300	24,600	N	GT		C	KER	NG		12,010	
Astoria Generating Company L.P.	Narrows 2-2		J	24237	Brooklyn	047	36	1972-06-01	22,000	17,600	22,800	N	GT		C	KER	NG		11,440	
Astoria Generating Company L.P.	Narrows 2-3		J	24238	Brooklyn	047	36	1972-06-01	22,000	15,800	22,000	N	GT		C	KER	NG		7,660	
Astoria Generating Company L.P.	Narrows 2-4		J	24239	Brooklyn	047	36	1972-06-01	22,000	17,400	24,100	N	GT		C	KER	NG		9,730	
Astoria Generating Company L.P.	Narrows 2-5		J	24240	Brooklyn	047	36	1972-06-01	22,000	18,200	24,600	N	GT		C	KER	NG		10,570	
Astoria Generating Company L.P.	Narrows 2-6		J	24241	Brooklyn	047	36	1972-06-01	22,000	15,200	19,900	N	GT		C	KER	NG		7,370	
Astoria Generating Company L.P.	Narrows 2-7		J	24242	Brooklyn	047	36	1972-06-01	22,000	20,100	24,500	N	GT		C	KER	NG		11,880	
Astoria Generating Company L.P.	Narrows 2-8		J	24243	Brooklyn	047	36	1972-06-01	22,000	15,400	22,000	N	GT		C	KER	NG		5,000	
Athens Generating Company, LP	Athens 1		F	23668	Athens	039	36	2004-05-01	441,000	316,600	402,000		CC			NG			2,090,792	
Athens Generating Company, LP	Athens 2		F	23670	Athens	039	36	2004-05-01	441,000	315,600	396,400		CC			NG			1,603,910	
Athens Generating Company, LP	Athens 3		F	23677	Athens	039	36	2004-05-01	441,000	312,800	388,600		CC			NG			2,155,082	
Boralex Hydro Operations Inc	Fourth Branch (Mohawk Paper)		F	23824	Waterford	091	36	1987-12-01	3,300	2,800	3,200		HY			WAT			15,080	
Boralex Hydro Operations Inc	NYS Dam		F	23527	Waterford	091	36	1990-12-01	11,400	10,600	11,500		HY			WAT			58,720	
Boralex Hydro Operations Inc	Sissonville		E	23735	Potsdam	089	36	1990-08-01	3,000	2,900	3,100		HY			WAT			16,098	
Boralex Hydro Operations Inc	Warrensburg		F	23737	Warrensburg	113	36	1988-12-01	2,900	2,700	2,900		HY			WAT			13,635	
Boralex New York LP	Chateaugay Power		D	23792	Chateaugay	033	36	1993-02-01	19,700	18,600	18,300	N	ST			WD			131,719	
Calpine Energy Service LP	Bethpage		K	23823	Hicksville	059	36	1989-09-01	83,600	50,200	58,600	Y	CC			NG	FO2		123,038	
Calpine Energy Service LP	Bethpage 3		K	323564	Hicksville	059	36	2005-05-01	96,000	76,800	79,500		CC			NG			303,937	
Calpine Energy Service LP	Bethpage GT4		K	323586	Hicksville	059	36	2002-07-01	60,000	45,500	48,500	N	GT			NG			42,708	
Calpine Energy Service LP	KIAC GT 01 (JFK)		J	23816	Jamaica	081	36	1995-01-01	47,100	40,650	45,700	Y	CT			NG			497,536	(2)
Calpine Energy Service LP	KIAC GT 02 (JFK)		J	23817	Jamaica	081	36	1995-01-01	47,100	40,650	45,700	Y	CT			NG				
Calpine Energy Service LP	KIAC ST 01 (JFK)		J	23541	Jamaica	081	36	1995-01-01	27,000	23,300	26,200	Y	CW			NG				
Calpine Energy Service LP	Stony Brook		K	24151	Stony Brook	103	36	1995-04-01	47,000	9,600	18,000	Y	GT			NG			267,559	
Canandaigua Power Partners, LLC	Canandaigua Wind Power		C	323617	Avoca	101	36	2008-12-05	125,000	0	0		WT			WND			10,155	(3)(N)(W)
Canastota Wind Power, LLC	Fenner Wind Power		C	24204	Fenner	053	36	2001-12-01	30,000	0	0		WT			WND			70,914	(W)

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Carr Street Generating Station LP	Carr St.-E. Syr	C	24060	Dewitt	067	36	1993-08-01	122,600	86,000	102,600	Y	CC			NG			28,663	
Central Hudson Gas & Elec. Corp.	Coxsackie GT	G	23611	Coxsackie	039	36	1969-12-01	21,600	18,400	23,900	N	GT		C	KER	NG		165	
Central Hudson Gas & Elec. Corp.	Dashville 1	G	23610	Rifton	111	36	1920-01-01	2,400	0	0		HY			WAT			10,278	
Central Hudson Gas & Elec. Corp.	Dashville 2	G	23610	Rifton	111	36	1920-01-01	2,400	0	0		HY			WAT			5,355	
Central Hudson Gas & Elec. Corp.	DCRRA	G	23765	Poughkeepsie	027	36	1987-09-01	9,200	7,800	8,300	N	ST			REF			44,209	
Central Hudson Gas & Elec. Corp.	High Falls	G	23754	Marbletown	111	36	1986-12-01	3,200	0	0		HY			WAT			4,697	
Central Hudson Gas & Elec. Corp.	Millpond	G	x	Catskill	039	36	1993-12-01	900	0	0		HY			WAT				
Central Hudson Gas & Elec. Corp.	Montgomery West	G	x	Montgomery	071	36	1985-11-01	200	0	0		HY			WAT				
Central Hudson Gas & Elec. Corp.	Salisbury Mills	G	x	Salisbury Mills	071	36	1986-12-01	500	0	0		HY			WAT				
Central Hudson Gas & Elec. Corp.	South Cairo	G	23612	Cairo	039	36	1970-06-01	21,600	16,300	22,000	N	GT		C	KER			99	
Central Hudson Gas & Elec. Corp.	Sturgeon 1	G	23609	Rifton	111	36	1924-01-01	4,800	0	0		HY			WAT			19,467	
Central Hudson Gas & Elec. Corp.	Sturgeon 2	G	23609	Rifton	111	36	1924-01-01	4,800	0	0		HY			WAT			23,980	
Central Hudson Gas & Elec. Corp.	Sturgeon 3	G	23609	Rifton	111	36	1924-01-01	4,800	0	0		HY			WAT			16,571	
Central Hudson Gas & Elec. Corp.	Wallkill	G	x	Shwangunk	111	36	1986-12-01	500	0	0		HY			WAT				
Central Hudson Gas & Elec. Corp.	Wappingers Falls	G	23765	Wappingers	027	36	1988-12-01	2,000	2,000	1,900		HY			WAT			5,291	
Central Hudson Gas & Elec. Corp.	West Delaware	G	23765	Grahamsville	105	36	1988-12-01	7,500	7,500	7,500		HY			WAT			20,421	
Conectiv Energy Supply, Inc.	American Ref-Fuel 1	A	24010	Niagara	063	36	1993-05-01	25,000	17,750	17,500	Y	ST			REF			237,870	(4)
Conectiv Energy Supply, Inc.	American Ref-Fuel 2	A	24010	Niagara	063	36	1993-05-01	25,000	17,750	17,500	Y	ST			REF				
Consolidated Edison Co. of NY, Inc.	59 St. GT 1	J	24138	Manhattan	061	36	1969-06-01	17,100	12,200	18,700	N	GT		C	KER			1,107	
Consolidated Edison Co. of NY, Inc.	74 St. GT 1	J	24260	Manhattan	061	36	1968-10-01	18,500	19,000	21,100	N	GT		C	KER			305	
Consolidated Edison Co. of NY, Inc.	74 St. GT 2	J	24261	Manhattan	061	36	1968-10-01	18,500	0	21,900	N	GT		C	KER			96	
Consolidated Edison Co. of NY, Inc.	Brooklyn Navy Yard	J	23515	Brooklyn	047	36	1996-11-01	322,000	242,800	291,300	Y	CC			NG	FO2		1,830,107	
Consolidated Edison Co. of NY, Inc.	East River 1	J	323558	Manhattan	061	36	2005-04-01	185,000	148,500	183,800		CC			NG	KER		1,093,849	
Consolidated Edison Co. of NY, Inc.	East River 2	J	323559	Manhattan	061	36	2005-04-05	189,000	148,400	183,500		CC			NG	KER		1,074,836	
Consolidated Edison Co. of NY, Inc.	East River 6	J	23660	Manhattan	061	36	1951-11-01	156,200	133,500	132,100	Y	ST		A	FO6	NG		474,911	
Consolidated Edison Co. of NY, Inc.	East River 7	J	23524	Manhattan	061	36	1955-06-01	200,000	184,700	179,200	Y	ST		A	FO6	NG		211,210	
Consolidated Edison Co. of NY, Inc.	Hudson Ave 3	J	23810	Brooklyn	047	36	1970-07-01	16,300	15,200	19,600	Y	GT		C	KER			603	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Consolidated Edison Co. of NY, Inc.	Hudson Ave 4		J	23540	Brooklyn	047	36	1970-07-01	16,300	13,700	18,800	Y	GT		C	KER			246	
Consolidated Edison Co. of NY, Inc.	Hudson Ave 5		J	23657	Brooklyn	047	36	1970-07-01	16,300	14,900	20,200	Y	GT		C	KER			621	
Consolidated Edison Co. of NY, Inc.	Linden Cogen		J	23786	Linden NJ	039	34	1992-05-01	1,034,900	750,900	800,000	Y	CC			NG			3,899,536	
Consolidated Hydro New York, Inc.	Groveville Hydro		G	323602	Beacon	027	36	1983-12-01	2,000	0	0		HY			WAT			567	(5)
Consolidated Hydro New York, Inc.	Walden Hydro		G	24148	Walden	071	36	1983-12-01	2,400	1,500	1,600		HY			WAT			4,610	
Constellation Energy Commodities Group, Inc.	Chaffee		A	323603	Chaffee	029	36	2007-08-09	4,800	4,700	4,700		IC			MTE			39,938	
Constellation Energy Commodities Group, Inc.	High Acres 1		C	23767	Fairport	117	36	1991-06-01	3,200	3,100	3,200	N	IC			MTE			26,085	
Constellation Energy Commodities Group, Inc.	High Acres 2		C	23767	Fairport	117	36	2008-02-28	6,400	6,200	6,400	N	IC			MTE			44,103	(6)(N)
Constellation Energy Commodities Group, Inc.	Mill Seat		B	323607	Riga	055	36	2007-07-20	4,800	4,700	4,700		IC			MTE			40,734	
Constellation Energy Commodities Group, Inc.	Monroe Livingston		B	24207	Scottsville	055	36	1988-11-01	2,400	1,300	1,500		IC			MTE			11,531	
Constellation Energy Commodities Group, Inc.	Steel Winds		A	323596	Lackawanna	029	36	2007-01-23	20,000	2,000	6,000		WT			WND			37,394	(W)
Dynegy Power Marketing, Inc.	Danskammer 1		G	23586	Newburgh	071	36	1951-12-01	72,000	67,000	66,700	N	ST	T	A	FO6	NG	FO2	5,903	
Dynegy Power Marketing, Inc.	Danskammer 2		G	23589	Newburgh	071	36	1954-09-01	73,500	61,700	63,200	N	ST	T	A	FO6	NG	FO2	6,920	
Dynegy Power Marketing, Inc.	Danskammer 3		G	23590	Newburgh	071	36	1959-10-01	147,100	132,000	134,200	N	ST	T	A	BIT	NG	FO2	1,002,316	
Dynegy Power Marketing, Inc.	Danskammer 4		G	23591	Newburgh	071	36	1967-09-01	239,400	235,200	236,500	N	ST	T	A	BIT	NG	FO2	1,664,222	
Dynegy Power Marketing, Inc.	Danskammer 5		G	23592	Newburgh	071	36	1967-01-01	2,700	0	0	N	IC		C	FO2			0	
Dynegy Power Marketing, Inc.	Danskammer 6		G	23592	Newburgh	071	36	1967-01-01	2,700	0	0	N	IC		C	FO2			0	
Dynegy Power Marketing, Inc.	Independence		C	23800	Scriba	075	36	1994-11-01	1,254,000	954,400	1,105,600	Y	CC			NG			1,201,196	
Dynegy Power Marketing, Inc.	Roseton 1		G	23587	Newburgh	071	36	1974-12-01	621,000	614,500	618,500	N	ST	T	A	FO6	NG	FO2	145,620	
Dynegy Power Marketing, Inc.	Roseton 2		G	23588	Newburgh	071	36	1974-09-01	621,000	605,700	610,500	N	ST	T	A	FO6	NG	FO2	300,963	
Energy Systems North East LLC	Energy Systems North East		A	23901	North East	049	42	1992-08-01	88,200	74,500	83,700	Y	CC			NG			10,077	
Entergy Nuclear Power Marketing LLC	Fitzpatrick 1		C	23598	Scriba	075	36	1975-07-01	882,000	854,400	858,400		NB		A	UR			6,691,049	
Entergy Nuclear Power Marketing LLC	Indian Pt	GT 1	H	24139	Buchanan	119	36	1969-07-01	16,575	0	0	N	GT		C	FO2			2	
Entergy Nuclear Power Marketing LLC	Indian Pt	GT 2	H	23659	Buchanan	119	36	1971-07-01	25,000	0	0	N	GT		C	FO2			71	
Entergy Nuclear Power Marketing LLC	Indian Pt	GT 3	H	24019	Buchanan	119	36	1970-12-01	19,800	0	0	N	GT		C	FO2			0	
Entergy Nuclear Power Marketing LLC	Indian Pt 2		H	23530	Buchanan	119	36	1973-08-01	1,299,000	1,025,000	1,032,900		NP		A	UR			8,204,170	
Entergy Nuclear Power Marketing LLC	Indian Pt 3		H	23531	Buchanan	119	36	1976-04-01	1,012,000	1,040,300	1,043,800		NP		A	UR			9,177,679	

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Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
EPCOR Energy Marketing (US) Inc.	Fort Orange		F	23900	Castleton	083	36	1992-01-01	72,000	62,100	70,900	Y	CC			NG			84,787	
Erie Boulevard Hydropower LP	Allens Falls		D	24042		089	36	1927-01-01	4,400	4,960	5,000		HY			WAT			29,365	
Erie Boulevard Hydropower LP	Baldwinsville 1		C	24041		067	36	1927-01-01	320	150	270		HY			WAT			1,728	
Erie Boulevard Hydropower LP	Baldwinsville 2		C	24041		067	36	1927-01-01	320	150	270		HY			WAT			578	
Erie Boulevard Hydropower LP	Beardslee 1		F	24051		043	36	1924-01-01	10,000	8,320	8,350		HY			WAT			29,315	
Erie Boulevard Hydropower LP	Beardslee 2		F	24051		043	36	1924-01-01	10,000	8,320	8,350		HY			WAT			22,876	
Erie Boulevard Hydropower LP	Beebee Island 1		E	24047		045	36	1963-01-01	4,000	4,340	4,450		HY			WAT			19,099	
Erie Boulevard Hydropower LP	Beebee Island 2		E	24047		045	36	1968-01-01	4,000	4,340	4,450		HY			WAT			30,797	
Erie Boulevard Hydropower LP	Belfort 1		E	24048		049	36	1903-01-01	400	406	431		HY			WAT			1,808	
Erie Boulevard Hydropower LP	Belfort 2		E	24048		049	36	1915-01-01	640	649	690		HY			WAT			4,691	
Erie Boulevard Hydropower LP	Belfort 3		E	24048		049	36	1918-01-01	1,000	1,015	1,078		HY			WAT			6,366	
Erie Boulevard Hydropower LP	Bennetts Bridge 1		C	24043		075	36	1964-01-01	6,375	7,002	7,083		HY			WAT			8,930	
Erie Boulevard Hydropower LP	Bennetts Bridge 2		C	24043		075	36	1966-01-01	6,375	7,002	7,083		HY			WAT			27,292	
Erie Boulevard Hydropower LP	Bennetts Bridge 3		C	24043		075	36	1970-01-01	7,000	7,688	7,777		HY			WAT			44,525	
Erie Boulevard Hydropower LP	Bennetts Bridge 4		C	24043		075	36	1970-01-01	7,000	7,688	7,777		HY			WAT			41,176	
Erie Boulevard Hydropower LP	Black River 1		E	24047		045	36	1920-01-01	2,000	2,270	2,300		HY			WAT			11,158	
Erie Boulevard Hydropower LP	Black River 2		E	24047		045	36	1920-01-01	2,000	2,270	2,300		HY			WAT			18,369	
Erie Boulevard Hydropower LP	Black River 3		E	24047		045	36	1920-01-01	2,000	2,270	2,300		HY			WAT			11,084	
Erie Boulevard Hydropower LP	Blake		E	24056		089	36	1957-01-01	14,400	14,550	14,400		HY			WAT			75,664	
Erie Boulevard Hydropower LP	Browns Falls 1		E	24044		089	36	1923-01-01	7,500	8,065	8,110		HY			WAT			47,003	
Erie Boulevard Hydropower LP	Browns Falls 2		E	24044		089	36	1923-01-01	7,500	8,065	8,110		HY			WAT			18,651	
Erie Boulevard Hydropower LP	Chasm 1		D	24042		033	36	1913-01-01	1,000	1,054	1,104		HY			WAT			6,483	
Erie Boulevard Hydropower LP	Chasm 2		D	24042		033	36	1913-01-01	1,000	1,054	1,104		HY			WAT			4,730	
Erie Boulevard Hydropower LP	Chasm 3		D	24042		033	36	1926-01-01	1,350	1,423	1,491		HY			WAT			9,772	
Erie Boulevard Hydropower LP	Colton 1		E	24057		089	36	1962-01-01	10,000	10,083	10,033		HY			WAT			77,522	
Erie Boulevard Hydropower LP	Colton 2		E	24057		089	36	1918-01-01	10,000	10,083	10,033		HY			WAT			61,323	
Erie Boulevard Hydropower LP	Colton 3		E	24057		089	36	1928-01-01	10,000	10,083	10,033		HY			WAT			70,148	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Erie Boulevard Hydropower LP	Deferiet 1		E	24047		045	36	1925-01-01	3,600	3,520	3,333		HY			WAT			19,468	
Erie Boulevard Hydropower LP	Deferiet 2		E	24047		045	36	1925-01-01	3,600	3,520	3,333		HY			WAT			25,002	
Erie Boulevard Hydropower LP	Deferiet 3		E	24047		045	36	1925-01-01	3,600	3,520	3,333		HY			WAT			16,944	
Erie Boulevard Hydropower LP	E J West 1		F	24058		091	36	1930-01-01	10,000	9,790	10,350		HY			WAT			37,260	
Erie Boulevard Hydropower LP	E J West 2		F	24058		091	36	1930-01-01	10,000	9,790	10,350		HY			WAT			37,586	
Erie Boulevard Hydropower LP	Eagle 1		E	24048		049	36	1914-01-01	1,300	1,296	1,289		HY			WAT			7,517	
Erie Boulevard Hydropower LP	Eagle 2		E	24048		049	36	1915-01-01	1,350	1,346	1,339		HY			WAT			7,590	
Erie Boulevard Hydropower LP	Eagle 3		E	24048		049	36	1919-01-01	1,350	1,346	1,339		HY			WAT			8,839	
Erie Boulevard Hydropower LP	Eagle 4		E	24048		049	36	1925-01-01	2,050	2,043	2,033		HY			WAT			13,788	
Erie Boulevard Hydropower LP	East Norfolk		E	24057		089	36	1928-01-01	3,000	4,040	4,000		HY			WAT			26,175	
Erie Boulevard Hydropower LP	Eel Weir 1		E	24044		089	36	1928-01-01	500	374	354		HY			WAT			1,654	
Erie Boulevard Hydropower LP	Eel Weir 2		E	24044		089	36	1938-01-01	1,100	823	778		HY			WAT			2,365	
Erie Boulevard Hydropower LP	Eel Weir 3		E	24044		089	36	1938-01-01	1,100	823	778		HY			WAT			4,918	
Erie Boulevard Hydropower LP	Effley 1		E	24048		049	36	1902-01-01	400	211	405		HY			WAT			3,296	
Erie Boulevard Hydropower LP	Effley 2		E	24048		049	36	1907-01-01	400	211	405		HY			WAT			2,868	
Erie Boulevard Hydropower LP	Effley 3		E	24048		049	36	1910-01-01	600	316	608		HY			WAT			4,988	
Erie Boulevard Hydropower LP	Effley 4		E	24048		049	36	1923-01-01	1,560	822	1,581		HY			WAT			4,654	
Erie Boulevard Hydropower LP	Elmer 1		E	24048		049	36	1916-01-01	750	910	900		HY			WAT			5,485	
Erie Boulevard Hydropower LP	Elmer 2		E	24048		049	36	1916-01-01	750	910	900		HY			WAT			6,953	
Erie Boulevard Hydropower LP	Ephratah 1		F	24051		035	36	1920-01-01	1,350	671	786		HY			WAT			1,877	
Erie Boulevard Hydropower LP	Ephratah 2		F	24051		035	36	1911-01-01	1,200	597	699		HY			WAT			5,183	
Erie Boulevard Hydropower LP	Ephratah 3		F	24051		035	36	1911-01-01	1,300	646	757		HY			WAT			0	
Erie Boulevard Hydropower LP	Ephratah 4		F	24051		035	36	1911-01-01	1,300	646	757		HY			WAT			6,348	
Erie Boulevard Hydropower LP	Feeder Dam 1		F	24058		091	36	1924-01-01	1,200	792	960		HY			WAT			6,309	
Erie Boulevard Hydropower LP	Feeder Dam 2		F	24058		091	36	1924-01-01	1,200	792	960		HY			WAT			6,296	
Erie Boulevard Hydropower LP	Feeder Dam 3		F	24058		091	36	1924-01-01	1,200	792	960		HY			WAT			5,629	
Erie Boulevard Hydropower LP	Feeder Dam 4		F	24058		091	36	1924-01-01	1,200	792	960		HY			WAT			5,744	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date	Name Plate Rating	2009 Capability (kilowatt)		Co-Gen	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy	Notes
								YYYY-MM-DD	(KW)	Summer	Winter	Y/N							MWh	
Erie Boulevard Hydropower LP	Feeder Dam 5		F	24058		091	36	1924-01-01	1,200	792	960		HY			WAT			4,260	
Erie Boulevard Hydropower LP	Five Falls		E	24056		089	36	1955-01-01	22,500	23,130	23,300		HY			WAT			122,402	
Erie Boulevard Hydropower LP	Flat Rock 1		E	24044		089	36	1924-01-01	3,000	2,645	2,670		HY			WAT			12,700	
Erie Boulevard Hydropower LP	Flat Rock 2		E	24044		089	36	1924-01-01	3,000	2,645	2,670		HY			WAT			10,683	
Erie Boulevard Hydropower LP	Franklin 1		D	24042		033	36	1911-01-01	1,135	1,035	950		HY			WAT			5,644	
Erie Boulevard Hydropower LP	Franklin 2		D	24042		033	36	1926-01-01	1,135	1,035	950		HY			WAT			6,027	
Erie Boulevard Hydropower LP	Fulton 1		C	24041		075	36	1924-01-01	800	691	710		HY			WAT			5,265	
Erie Boulevard Hydropower LP	Fulton 2		C	24041		075	36	1928-01-01	450	389	400		HY			WAT			1,953	
Erie Boulevard Hydropower LP	Glenwood 1		B	24046		073	36	1950-01-01	500	487	517		HY			WAT			1,804	
Erie Boulevard Hydropower LP	Glenwood 2		B	24046		073	36	1950-01-01	500	487	517		HY			WAT			2,318	
Erie Boulevard Hydropower LP	Glenwood 3		B	24046		073	36	1950-01-01	500	487	517		HY			WAT			3,103	
Erie Boulevard Hydropower LP	Granby 1		C	24041		075	36	1983-05-01	5,000	2,580	4,925		HY			WAT			18,962	
Erie Boulevard Hydropower LP	Granby 2		C	24041		075	36	1983-05-01	5,000	2,580	4,925		HY			WAT			20,275	
Erie Boulevard Hydropower LP	Hannawa Falls 1		E	24057		089	36	1914-01-01	3,600	3,705	3,650		HY			WAT			26,123	
Erie Boulevard Hydropower LP	Hannawa Falls 2		E	24057		089	36	1920-01-01	3,600	3,705	3,650		HY			WAT			27,614	
Erie Boulevard Hydropower LP	Herrings 1		E	24047		045	36	1924-01-01	1,800	1,523	1,567		HY			WAT			6,805	
Erie Boulevard Hydropower LP	Herrings 2		E	24047		045	36	1924-01-01	1,800	1,523	1,567		HY			WAT			11,323	
Erie Boulevard Hydropower LP	Herrings 3		E	24047		045	36	1924-01-01	1,800	1,523	1,567		HY			WAT			7,501	
Erie Boulevard Hydropower LP	Heuvelton 1		E	24044		089	36	1924-01-01	520	410	420		HY			WAT			2,656	
Erie Boulevard Hydropower LP	Heuvelton 2		E	24044		089	36	1924-01-01	520	410	420		HY			WAT			2,429	
Erie Boulevard Hydropower LP	High Falls 1		E	24048		049	36	1925-01-01	1,600	1,933	1,933		HY			WAT			10,616	
Erie Boulevard Hydropower LP	High Falls 2		E	24048		049	36	1925-01-01	1,600	1,933	1,933		HY			WAT			12,348	
Erie Boulevard Hydropower LP	High Falls 3		E	24048		049	36	1925-01-01	1,600	1,933	1,933		HY			WAT			11,985	
Erie Boulevard Hydropower LP	Higley 1		E	24057		089	36	1913-01-01	1,200	1,134	1,152		HY			WAT			11,907	
Erie Boulevard Hydropower LP	Higley 2		E	24057		089	36	1913-01-01	1,200	1,134	1,152		HY			WAT			9,259	
Erie Boulevard Hydropower LP	Higley 3		E	24057		089	36	1943-01-01	2,080	1,966	1,998		HY			WAT			10,233	
Erie Boulevard Hydropower LP	Higley 4		E	24057		089	36	1943-01-01	2,080	1,966	1,998		HY			WAT			9,710	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Erie Boulevard Hydropower LP	Hogansburg	D	24042		033	36	1930-01-01	700	200	200		HY			WAT			1,162	
Erie Boulevard Hydropower LP	Hydraulic Race	A	23848		063	36	1942-01-01	4,680	3,100	0		HY			WAT			12,711	
Erie Boulevard Hydropower LP	Inghams 1	E	24050		043	36	1912-01-01	3,200	3,170	3,150		HY			WAT			13,945	
Erie Boulevard Hydropower LP	Inghams 2	E	24050		043	36	1912-01-01	3,200	3,170	3,150		HY			WAT			16,914	
Erie Boulevard Hydropower LP	Johnsonville 1	F	24059		083	36	1909-01-01	2,400	675	1,300		HY			WAT			569	
Erie Boulevard Hydropower LP	Johnsonville 2	F	24059		083	36	1909-01-01	2,400	675	1,300		HY			WAT			7,965	
Erie Boulevard Hydropower LP	Kamargo 1	E	24047		045	36	1921-01-01	1,800	1,683	1,767		HY			WAT			10,269	
Erie Boulevard Hydropower LP	Kamargo 2	E	24047		045	36	1921-01-01	1,800	1,683	1,767		HY			WAT			12,809	
Erie Boulevard Hydropower LP	Kamargo 3	E	24047		045	36	1921-01-01	1,800	1,683	1,767		HY			WAT			7,298	
Erie Boulevard Hydropower LP	Lighthouse Hill 1	C	24043		075	36	1930-01-01	3,750	3,150	4,310		HY			WAT			17,799	
Erie Boulevard Hydropower LP	Lighthouse Hill 2	C	24043		075	36	1930-01-01	3,750	3,150	4,310		HY			WAT			11,551	
Erie Boulevard Hydropower LP	Lower Newton Falls 1	E	24044		089	36	2002-07-01	500	640	630		HY			WAT			3,439	
Erie Boulevard Hydropower LP	Macomb	D	24042		033	36	1940-01-01	1,000	890	800		HY			WAT			6,577	
Erie Boulevard Hydropower LP	Minetto 2	C	24041		075	36	1915-01-01	1,600	1,240	1,434		HY			WAT			8,478	
Erie Boulevard Hydropower LP	Minetto 3	C	24041		075	36	1915-01-01	1,600	1,240	1,434		HY			WAT			6,938	
Erie Boulevard Hydropower LP	Minetto 4	C	24041		075	36	1915-01-01	1,600	1,240	1,434		HY			WAT			7,659	
Erie Boulevard Hydropower LP	Minetto 5	C	24041		075	36	1975-01-01	1,600	1,240	1,434		HY			WAT			5,543	
Erie Boulevard Hydropower LP	Minetto 6	C	24041		075	36	1975-01-01	1,600	1,240	1,434		HY			WAT			7,018	
Erie Boulevard Hydropower LP	Moshier 1	E	24048		043	36	1929-01-01	4,000	4,060	4,050		HY			WAT			21,507	
Erie Boulevard Hydropower LP	Moshier 2	E	24048		043	36	1929-01-01	4,000	4,060	4,050		HY			WAT			24,406	
Erie Boulevard Hydropower LP	Norfolk	E	24057		089	36	1928-01-01	4,500	4,860	4,900		HY			WAT			22,496	
Erie Boulevard Hydropower LP	Norwood	E	24057		089	36	1928-01-01	2,000	0	0		HY			WAT			3,024	
Erie Boulevard Hydropower LP	Oak Orchard	B	24046		073	36	1941-01-01	350	270	0		HY			WAT			1,267	
Erie Boulevard Hydropower LP	Oswegatchie 1	E	24044		089	36	1937-01-01	560	1,267	1,372		HY			WAT			6,043	
Erie Boulevard Hydropower LP	Oswegatchie 2	E	24044		089	36	1937-01-01	240	543	588		HY			WAT			4,863	
Erie Boulevard Hydropower LP	Oswego Falls E 1	C	24041		075	36	1914-01-01	1,500	1,127	1,533		HY			WAT			7,955	
Erie Boulevard Hydropower LP	Oswego Falls E 2	C	24041		075	36	1914-01-01	1,500	1,127	1,533		HY			WAT			8,899	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Erie Boulevard Hydropower LP	Oswego Falls E 3	C	24041		075	36	1914-01-01	1,500	1,127	1,533		HY			WAT			8,076	
Erie Boulevard Hydropower LP	Oswego Falls W 4	C	24041		075	36	1914-01-01	928	1,010	1,490		HY			WAT			3,624	
Erie Boulevard Hydropower LP	Oswego Falls W 5	C	24041		075	36	1914-01-01	928	1,010	1,490		HY			WAT			2,834	
Erie Boulevard Hydropower LP	Parishville	D	24042		089	36	1925-01-01	2,400	2,370	2,300		HY			WAT			16,348	
Erie Boulevard Hydropower LP	Piercefield 1	D	24042		089	36	1957-01-01	1,500	1,550	1,611		HY			WAT			10,607	
Erie Boulevard Hydropower LP	Piercefield 2	D	24042		089	36	1924-01-01	600	620	644		HY			WAT			4,342	
Erie Boulevard Hydropower LP	Piercefield 3	D	24042		089	36	1924-01-01	600	620	644		HY			WAT			3,529	
Erie Boulevard Hydropower LP	Prospect	E	24049		043	36	1959-01-01	17,320	18,260	18,300		HY			WAT			87,517	
Erie Boulevard Hydropower LP	Rainbow Falls	E	24056		089	36	1956-01-01	22,500	23,020	23,600		HY			WAT			110,976	
Erie Boulevard Hydropower LP	Raymondville	E	24057		089	36	1928-01-01	2,000	1,050	1,900		HY			WAT			3,538	
Erie Boulevard Hydropower LP	Schaghticoke 1	F	24059		083	36	1908-01-01	3,275	3,903	4,000		HY			WAT			22,194	
Erie Boulevard Hydropower LP	Schaghticoke 2	F	24059		083	36	1908-01-01	3,275	3,903	4,000		HY			WAT			20,368	
Erie Boulevard Hydropower LP	Schaghticoke 3	F	24059		083	36	1908-01-01	3,275	3,903	4,000		HY			WAT			18,023	
Erie Boulevard Hydropower LP	Schaghticoke 4	F	24059		083	36	1908-01-01	3,275	3,903	4,000		HY			WAT			15,792	
Erie Boulevard Hydropower LP	School Street 1	F	24059	Cohoes	001	36	1974-01-01	7,200	6,927	5,790		HY			WAT			19,038	
Erie Boulevard Hydropower LP	School Street 2	F	24059	Cohoes	001	36	1915-01-01	7,200	6,927	5,790		HY			WAT			37,350	
Erie Boulevard Hydropower LP	School Street 3	F	24059	Cohoes	001	36	1915-01-01	7,200	6,927	5,790		HY			WAT			32,414	
Erie Boulevard Hydropower LP	School Street 4	F	24059	Cohoes	001	36	1922-01-01	7,200	6,927	5,790		HY			WAT			42,155	
Erie Boulevard Hydropower LP	School Street 5	F	24059	Cohoes	001	36	1924-01-01	10,000	9,621	8,041		HY			WAT			52,096	
Erie Boulevard Hydropower LP	Schuylerville	F	24059		091	36	1919-01-01	1,200	1,480	1,500		HY			WAT			8,477	
Erie Boulevard Hydropower LP	Sewalls 1	E	24047		045	36	1925-01-01	1,000	1,115	1,100		HY			WAT			6,091	
Erie Boulevard Hydropower LP	Sewalls 2	E	24047		045	36	1925-01-01	1,000	1,115	1,100		HY			WAT			9,106	
Erie Boulevard Hydropower LP	Sherman Island 1	F	24058		113	36	1923-01-01	7,200	7,587	7,723		HY			WAT			39,248	
Erie Boulevard Hydropower LP	Sherman Island 2	F	24058		113	36	1923-01-01	8,700	9,168	9,332		HY			WAT			41,961	
Erie Boulevard Hydropower LP	Sherman Island 3	F	24058		113	36	1923-01-01	7,200	7,587	7,723		HY			WAT			51,480	
Erie Boulevard Hydropower LP	Sherman Island 4	F	24058		113	36	1923-01-01	7,200	7,587	7,723		HY			WAT			43,031	
Erie Boulevard Hydropower LP	Soft Maple 1	E	24048		049	36	1925-01-01	7,500	8,050	8,100		HY			WAT			24,854	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Erie Boulevard Hydropower LP	Soft Maple 2		E	24048		049	36	1925-01-01	7,500	8,050	8,100		HY			WAT			22,250	
Erie Boulevard Hydropower LP	South Colton		E	24056		089	36	1954-01-01	19,350	19,890	19,900		HY			WAT			103,744	
Erie Boulevard Hydropower LP	South Edwards 1		E	24044		089	36	1937-01-01	1,000	1,264	1,215		HY			WAT			7,377	
Erie Boulevard Hydropower LP	South Edwards 2		E	24044		089	36	1937-01-01	1,000	1,264	1,215		HY			WAT			7,113	
Erie Boulevard Hydropower LP	South Edwards 3		E	24044		089	36	1921-01-01	680	859	826		HY			WAT			6,934	
Erie Boulevard Hydropower LP	South Edwards 4		E	24044		089	36	1937-01-01	200	253	243		HY			WAT			1,906	
Erie Boulevard Hydropower LP	Spier Falls 1		F	24058		091	36	1924-01-01	6,800	8,497	8,454		HY			WAT			51,420	
Erie Boulevard Hydropower LP	Spier Falls 2		F	24058		091	36	1930-01-01	37,600	46,983	46,746		HY			WAT			206,177	
Erie Boulevard Hydropower LP	Stark		E	24056		089	36	1957-01-01	22,500	24,670	24,600		HY			WAT			120,441	
Erie Boulevard Hydropower LP	Stewarts Bridge		F	24058		091	36	1952-01-01	30,000	32,000	34,800		HY			WAT			141,307	
Erie Boulevard Hydropower LP	Sugar Island 1		E	24057		089	36	1924-01-01	2,600	2,116	2,132		HY			WAT			12,687	
Erie Boulevard Hydropower LP	Sugar Island 2		E	24057		089	36	1924-01-01	2,400	1,954	1,968		HY			WAT			13,886	
Erie Boulevard Hydropower LP	Talcville 1		E	24044		089	36	1986-12-01	500	190	490		HY			WAT			2,904	
Erie Boulevard Hydropower LP	Talcville 2		E	24044		089	36	1986-12-01	500	190	490		HY			WAT			287	
Erie Boulevard Hydropower LP	Taylorville 1		E	24048		049	36	1913-01-01	1,100	1,056	1,076		HY			WAT			5,564	
Erie Boulevard Hydropower LP	Taylorville 2		E	24048		049	36	1913-01-01	1,100	1,056	1,076		HY			WAT			5,186	
Erie Boulevard Hydropower LP	Taylorville 3		E	24048		049	36	1913-01-01	1,100	1,056	1,076		HY			WAT			6,782	
Erie Boulevard Hydropower LP	Taylorville 4		E	24048		049	36	1927-01-01	1,200	1,152	1,173		HY			WAT			10,027	
Erie Boulevard Hydropower LP	Trenton Falls 5		E	24049		065	36	1919-01-01	6,800	9,697	9,541		HY			WAT			57,158	
Erie Boulevard Hydropower LP	Trenton Falls 6		E	24049		065	36	1919-01-01	6,400	9,127	8,980		HY			WAT			55,782	
Erie Boulevard Hydropower LP	Trenton Falls 7		E	24049		065	36	1922-01-01	6,400	9,127	8,980		HY			WAT			45,920	
Erie Boulevard Hydropower LP	Upper Newton Falls 2		E	24044		089	36	2002-07-01	500	457	463		HY			WAT			3,366	
Erie Boulevard Hydropower LP	Upper Newton Falls 3		E	24044		089	36	2002-07-01	500	457	463		HY			WAT			3,253	
Erie Boulevard Hydropower LP	Upper Newton Falls 4		E	24044		089	36	2002-07-01	500	457	463		HY			WAT			1,899	
Erie Boulevard Hydropower LP	Varick 2		C	24041		075	36	1926-01-01	2,200	1,291	1,315		HY			WAT			5,932	
Erie Boulevard Hydropower LP	Varick 3		C	24041		075	36	1926-01-01	2,500	1,467	1,495		HY			WAT			8,843	
Erie Boulevard Hydropower LP	Varick 4		C	24041		075	36	1926-01-01	2,200	1,291	1,315		HY			WAT			4,698	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Erie Boulevard Hydropower LP	Varick 5		C	24041		075	36	1926-01-01	2,200	1,291	1,315		HY			WAT			6,973	
Erie Boulevard Hydropower LP	Waterport 1		B	24046		073	36	1941-01-01	2,250	1,676	1,766		HY			WAT			5,266	
Erie Boulevard Hydropower LP	Waterport 2		B	24046		073	36	1968-01-01	2,450	1,824	1,924		HY			WAT			9,092	
Erie Boulevard Hydropower LP	Yaleville 1		E	24057		089	36	1940-01-01	500	250	205		HY			WAT			2,220	
Erie Boulevard Hydropower LP	Yaleville 2		E	24057		089	36	1940-01-01	720	360	295		HY			WAT			1,358	
Flat Rock Windpower, LLC	Maple Ridge 1		E	323574	Lowville	049	36	2006-01-01	231,000	23,100	69,300		WT			WND			537,916	(W)
Flat Rock Windpower, LLC	Maple Ridge 2		E	323611	Lowville	049	36	2007-12-01	90,700	9,070	27,210		WT			WND			213,281	(W)
Freeport Electric	Freeport 1-1		K	1660	Freeport	059	36	1941-08-01	2,100	1,500	1,500	N	IC			FO2			22	
Freeport Electric	Freeport 1-2		K	1660	Freeport	059	36	1949-08-01	2,900	2,200	2,200	N	IC			FO2			123	
Freeport Electric	Freeport 1-3		K	1660	Freeport	059	36	1954-08-01	3,100	2,000	2,000	N	IC			FO2			35	
Freeport Electric	Freeport 1-4		K	1660	Freeport	059	36	1964-10-01	5,100	4,500	4,500	N	IC			FO2			365	
Freeport Electric	Freeport 2-3		K	1660	Freeport	059	36	1973-05-01	18,100	19,500	21,000	N	GT			FO2			647	
Freeport Electric	Freeport CT 2		K	23818	Freeport	059	36	2004-03-01	60,500	42,900	49,200	N	GT			NG			38,257	
Hampshire Paper Co., Inc.	Hampshire Paper		E	323593	Gouverneur	089	36	1987-03-01	3,400	3,500	3,500		HY			WAT			22,357	
Hess Corporation	Binghamton Cogen		C	23790	Binghamton	007	36	2001-03-01	47,700	40,900	49,400	Y	CC			NG	FO2		1,744	
Indeck Energy Services of Silver Springs	Indeck-Silver Springs		C	23768	Silver Springs	121	36	1991-04-01	56,600	50,100	64,200	Y	CC			NG	FO2		6,662	
Indeck-Corinth LP	Indeck-Corinth		F	23802	Corinth	091	36	1995-07-01	147,000	129,300	132,000	Y	CC	Y		NG	FO2		810,701	
Indeck-Olean LP	Indeck-Olean		A	23982	Olean	009	36	1993-12-01	90,600	77,800	86,000	Y	CC			NG			288,683	
Indeck-Oswego LP	Indeck-Oswego		C	23783	Oswego	075	36	1990-05-01	57,400	51,100	63,000	Y	CC			NG			11,341	
Indeck-Yerkes LP	Indeck-Yerkes		A	23781	Tonawanda	029	36	1990-02-01	59,900	49,700	57,900	Y	CC			NG			6,695	
Innovative Energy Systems, Inc.	Clinton LFGE		D	323618	Morrisonville	019	36	2008-10-01	4,800	4,600	4,600	N	IC			MTE			5,651	(7)(N)
Innovative Energy Systems, Inc.	Colonie LFGTE		F	323577	Colonie	001	36	2006-03-01	4,800	4,500	4,500		IC			MTE			36,682	
Innovative Energy Systems, Inc.	DANC LFGE		E	323619	Watertown	045	36	2008-09-08	4,800	4,100	4,100	N	IC			MTE			6,537	(8)(N)
Innovative Energy Systems, Inc.	Hyland LFGE		B	323620	Angelica	003	36	2008-09-08	4,800	4,100	4,300	N	IC			MTE			11,101	(9)(N)
Integrys Energy Services, Inc.	Beaver Falls		E	23983	Beaver Falls	049	36	1995-03-01	107,800	80,200	86,200	Y	CC			NG			11,224	
Integrys Energy Services, Inc.	Lyons Falls Hydro		E	23570	Lyons Falls	049	36	1986-01-01	8,000	7,300	7,900		HY			WAT			43,618	
Integrys Energy Services, Inc.	Syracuse		C	23985	Syracuse	067	36	1993-09-01	102,700	85,800	92,500	Y	CC			NG			23,405	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
International Paper Company	Ticonderoga Mill		F	23804	Ticonderoga	031	36	1970-01-01	42,100	7,600	7,700	Y	ST			FO6			100	
Jamestown Board of Public Utilities	Jamestown 5		A	1658	Jamestown	013	36	1951-08-01	28,700	22,820	23,300	Y	ST			BIT			121,659	(10)
Jamestown Board of Public Utilities	Jamestown 6		A	1658	Jamestown	013	36	1968-08-01	25,000	19,880	20,300	Y	ST			BIT				
Jamestown Board of Public Utilities	Jamestown 7		A	1659	Jamestown	013	36	2002-01-01	47,300	38,700	47,000	Y	GT			NG			4,109	
Long Island Power Authority	Babylon (RR)		K	23656	Babylon	103	36	1989-04-01	17,000	14,800	15,400	N	ST			REF			101,833	
Long Island Power Authority	Barrett 03		K	23706	Island Park	059	36	1970-06-01	18,000	17,900	19,800	N	GT		C	NG	FO2		623	
Long Island Power Authority	Barrett 04		K	23707	Island Park	059	36	1970-07-01	18,000	17,200	20,500	N	GT		C	NG	FO2		2,211	
Long Island Power Authority	Barrett 05		K	23708	Island Park	059	36	1970-07-01	18,000	17,600	19,700	N	GT		C	NG	FO2		650	
Long Island Power Authority	Barrett 06		K	23709	Island Park	059	36	1970-07-01	18,000	17,600	20,400	N	GT		C	NG	FO2		2,684	
Long Island Power Authority	Barrett 07		K	23710	Island Park	059	36	1970-07-01	18,000	15,400	21,300	N	GT		C	NG	FO2		1,682	
Long Island Power Authority	Barrett 08		K	23711	Island Park	059	36	1970-07-01	18,000	16,600	20,500	N	GT		C	NG	FO2		1,966	
Long Island Power Authority	Barrett 09		K	23700	Island Park	059	36	1971-06-01	41,800	41,100	48,900	N	JE		C	NG	FO2		15,104	
Long Island Power Authority	Barrett 10		K	23701	Island Park	059	36	1971-06-01	41,800	32,200	51,600	N	JE		C	NG	FO2		13,708	
Long Island Power Authority	Barrett 11		K	23702	Island Park	059	36	1971-06-01	41,800	40,800	50,900	N	JE		C	NG	FO2		13,203	
Long Island Power Authority	Barrett 12		K	23703	Island Park	059	36	1971-06-01	41,800	41,500	49,900	N	JE		C	NG	FO2		18,400	
Long Island Power Authority	Barrett GT 01		K	23704	Island Park	059	36	1970-06-01	18,000	18,100	20,200	N	GT		C	NG	FO2		815	
Long Island Power Authority	Barrett GT 02		K	23705	Island Park	059	36	1970-06-01	18,000	16,200	13,700	N	GT		C	NG	FO2		1,009	
Long Island Power Authority	Barrett ST 01		K	23545	Island Park	059	36	1956-11-01	188,000	191,700	193,500	N	ST	T	A	NG	FO6		561,690	
Long Island Power Authority	Barrett ST 02		K	23546	Island Park	059	36	1963-10-01	188,000	192,000	192,500	N	ST	T	A	NG	FO6		553,529	
Long Island Power Authority	East Hampton 2		K	23722	E Hampton	103	36	1962-12-01	2,000	2,000	2,000	N	IC		C	FO2			1,092	
Long Island Power Authority	East Hampton 3		K	23722	E Hampton	103	36	1962-12-01	2,000	2,000	2,000	N	IC		C	FO2			1,094	
Long Island Power Authority	East Hampton 4		K	23722	E Hampton	103	36	1962-12-01	2,000	2,000	2,000	N	IC		C	FO2			1,095	
Long Island Power Authority	East Hampton GT 01		K	23717	E Hampton	103	36	1970-12-01	21,300	18,900	24,700	N	GT		C	FO2			19,698	
Long Island Power Authority	Far Rockaway GT1		K	24212	Far Rockaway	081	36	2002-07-01	60,000	52,800	55,900	N	GT			NG			39,546	
Long Island Power Authority	Far Rockaway GT2		K	23815	Jamaica Bay	081	36	2003-07-02	60,000	53,500	54,400	N	GT			NG			8,821	
Long Island Power Authority	Far Rockaway ST 04		K	23548	Far Rockaway	081	36	1953-12-01	100,000	107,000	106,900	N	ST	T	A	NG	FO6		137,952	
Long Island Power Authority	Freeport CT 1		K	23764	Freeport	059	36	2004-06-01	60,000	48,000	47,800	N	GT			NG			76,023	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Long Island Power Authority	Glenwood GT 01		K	23712	Glenwood	059	36	1967-04-01	16,000	14,600	18,000	N	GT		C	FO2			-29	
Long Island Power Authority	Glenwood GT 02		K	23688	Glenwood	059	36	1972-06-01	55,000	50,900	66,500	N	GT		C	FO2			1,043	
Long Island Power Authority	Glenwood GT 03		K	23689	Glenwood	059	36	1972-06-01	55,000	51,900	65,600	N	GT		C	FO2			595	
Long Island Power Authority	Glenwood GT 04		K	24219	Glenwood	059	36	2002-06-01	53,000	37,700	46,000	N	GT			NG			33,978	
Long Island Power Authority	Glenwood GT 05		K	24220	Glenwood	059	36	2002-06-01	53,000	35,900	46,600	N	GT			NG			36,604	
Long Island Power Authority	Glenwood ST 04		K	23550	Glenwood	059	36	1952-12-01	114,000	110,500	110,700	N	ST	T	A	NG			43,702	
Long Island Power Authority	Glenwood ST 05		K	23614	Glenwood	059	36	1954-11-01	114,000	117,200	109,500	N	ST	T	A	NG			51,165	
Long Island Power Authority	Greenport GT1		K	23814	Greenport	103	36	2003-07-02	54,000	46,000	54,300	N	GT			NG			74,762	
Long Island Power Authority	Hempstead (RR)		K	23647	Hempstead	059	36	1989-10-01	78,600	72,100	73,100	N	ST			REF			566,705	
Long Island Power Authority	Holtsville 01		K	23690	Holtsville	103	36	1974-07-01	56,700	47,700	63,900	N	JE		C	FO2			4,125	
Long Island Power Authority	Holtsville 02		K	23691	Holtsville	103	36	1974-07-01	56,700	48,800	64,000	N	JE		C	FO2			4,252	
Long Island Power Authority	Holtsville 03		K	23692	Holtsville	103	36	1974-07-01	56,700	48,700	65,900	N	JE		C	FO2			4,302	
Long Island Power Authority	Holtsville 04		K	23693	Holtsville	103	36	1974-07-01	56,700	51,500	62,200	N	JE		C	FO2			4,344	
Long Island Power Authority	Holtsville 05		K	23694	Holtsville	103	36	1974-07-01	56,700	51,600	64,300	N	JE		C	FO2			3,396	
Long Island Power Authority	Holtsville 06		K	23695	Holtsville	103	36	1975-07-01	56,700	50,100	64,700	N	JE		C	FO2			7,771	
Long Island Power Authority	Holtsville 07		K	23696	Holtsville	103	36	1975-07-01	56,700	52,500	67,000	N	JE		C	FO2			9,857	
Long Island Power Authority	Holtsville 08		K	23697	Holtsville	103	36	1975-07-01	56,700	49,700	65,200	N	JE		C	FO2			8,729	
Long Island Power Authority	Holtsville 09		K	23698	Holtsville	103	36	1975-07-01	56,700	57,500	68,300	N	JE		C	FO2			5,926	
Long Island Power Authority	Holtsville 10		K	23699	Holtsville	103	36	1975-07-01	56,700	55,100	66,000	N	JE		C	FO2			6,571	
Long Island Power Authority	Huntington		K	23656	Huntington	103	36	1991-12-01	28,000	24,600	24,500	N	ST			REF			190,241	
Long Island Power Authority	Islip (RR)		K	23656	Ronkonkoma	103	36	1990-03-01	12,500	8,800	8,700	N	ST			REF			54,888	
Long Island Power Authority	Montauk 02		K	23721	Montauk	103	36	1971-05-01	2,000	2,000	2,000	N	IC		C	FO2			894	
Long Island Power Authority	Montauk 03		K	23721	Montauk	103	36	1965-11-01	2,000	2,000	2,000	N	IC		C	FO2			11	
Long Island Power Authority	Montauk 04		K	23721	Montauk	103	36	1965-11-01	2,000	2,000	2,000	N	IC		C	FO2			980	
Long Island Power Authority	Northport 1		K	23551	Northport	103	36	1967-07-01	387,000	391,200	382,500	N	ST	T	A	NG	FO6		1,064,485	
Long Island Power Authority	Northport 2		K	23552	Northport	103	36	1968-06-01	387,000	394,000	373,700	N	ST	T	A	NG	FO6		1,156,010	
Long Island Power Authority	Northport 3		K	23553	Northport	103	36	1972-07-01	387,000	397,200	384,200	N	ST	T	A	NG	FO6		1,015,222	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Long Island Power Authority	Northport	4	K	23650	Northport	103	36	1977-12-01	387,000	397,000	381,700	N	ST	T	A	NG	FO6		1,257,833	
Long Island Power Authority	Northport GT		K	23718	Northport	103	36	1967-03-01	16,000	13,000	17,300	N	GT		C	FO2			24	
Long Island Power Authority	Oceanside (LF)		K	23656	Oceanside	059	36	1991-02-01	2,100	600	500	N	IC			MTE			3,406	
Long Island Power Authority	Oyster Bay (LF)		K	x	Bethpage	059	36	1986-07-01	1,300	0	0	N	IC			MTE				
Long Island Power Authority	Pilgrim GT1		K	24216	Pilgrim	103	36	2002-08-01	50,000	43,600	43,100	N	GT			NG			58,092	
Long Island Power Authority	Pilgrim GT2		K	24217	Pilgrim	103	36	2002-08-01	50,000	44,200	46,600	N	GT			NG			54,126	
Long Island Power Authority	Pinelawn Power 1		K	323563	Babylon	103	36	2005-06-01	82,000	77,000	79,500		CC			NG	KER		317,586	
Long Island Power Authority	Port Jefferson 1		K	x	Port Jefferson	103	36	1948-12-01	44,000	0	0	N	ST	T	A	FO6				
Long Island Power Authority	Port Jefferson 2		K	x	Port Jefferson	103	36	1950-10-01	44,000	0	0	N	ST	T	A	FO6				
Long Island Power Authority	Port Jefferson 3		K	23555	Port Jefferson	103	36	1958-11-01	188,000	189,500	183,200	N	ST	T	A	FO6	NG		561,954	
Long Island Power Authority	Port Jefferson 4		K	23616	Port Jefferson	103	36	1960-11-01	188,000	195,700	195,000	N	ST	T	A	FO6	NG		344,838	
Long Island Power Authority	Port Jefferson GT 01		K	23713	Port Jefferson	103	36	1966-12-01	16,000	13,600	17,900	N	GT		C	FO2			45	
Long Island Power Authority	Port Jefferson GT 02		K	24210	P Jefferson	103	36	2002-07-01	53,000	39,500	47,600	N	GT			NG			45,742	
Long Island Power Authority	Port Jefferson GT 03		K	24211	P Jefferson	103	36	2002-07-01	53,000	39,800	44,400	N	GT			NG			37,777	
Long Island Power Authority	S Hampton 1		K	23720	South Hampton	103	36	1963-03-01	11,500	9,300	12,100	N	GT		C	FO2			6,393	
Long Island Power Authority	Shoreham 1		K	23715	Shoreham	103	36	1971-07-01	52,900	47,700	63,900	N	GT		C	FO2			716	
Long Island Power Authority	Shoreham 2		K	23716	Shoreham	103	36	1984-04-01	18,600	18,500	23,500	N	GT		C	FO2			515	
Long Island Power Authority	Shoreham GT3		K	24213	Shoreham	103	36	2002-08-01	50,000	45,100	47,700	N	GT			NG			17,966	
Long Island Power Authority	Shoreham GT4		K	24214	Shoreham	103	36	2002-08-01	50,000	41,400	46,900	N	GT			NG			18,632	
Long Island Power Authority	Smithtown (LF)		K	x	Smithtown	103	36	1985-12-01	1,100	0	0	N	IC			MTE				
Long Island Power Authority	South Oaks Hosp		K	x	Amityville	103	36	1990-06-01	240	0	0	Y	IC			NG				
Long Island Power Authority	Southold 1		K	23719	Southold	103	36	1964-08-01	14,000	10,900	14,800	N	GT		C	FO2			31	
Long Island Power Authority	Trigen-NDEC		K	23656	Garden City	059	36	1991-03-01	55,000	44,600	57,000	Y	CC			NG	FO2		397,442	
Long Island Power Authority	Wading River 1		K	23522	Shoreham	103	36	1989-08-01	79,500	81,200	101,200	N	GT		C	FO2			30,386	
Long Island Power Authority	Wading River 2		K	23547	Shoreham	103	36	1989-08-01	79,500	81,000	100,900	N	GT		C	FO2			29,521	
Long Island Power Authority	Wading River 3		K	23601	Shoreham	103	36	1989-08-01	79,500	80,000	100,600	N	GT		C	FO2			33,261	
Long Island Power Authority	West Babylon 4		K	23714	West Babylon	103	36	1971-08-01	52,400	48,800	65,300	N	GT		C	FO2			2,341	

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Long Island Power Authority	Yaphank (LF)	K	23656	Yaphank	103	36	1983-09-01	1,600	0	1,000	N	IC			MTE			284	
Lyonsdale BioMass, LLC	Lyonsdale Power	E	23803	Lyonsdale	049	36	1992-08-01	21,100	19,800	19,600	Y	ST			WD			136,895	
Madison Windpower, LLC	Madison Wind Power	E	24146	Madison	053	36	2000-09-01	11,550	1,155	3,465		WT			WND			19,064	(W)
Mirant Energy Trading, LLC	Bowline 1	G	23526	West Haverstraw	087	36	1972-09-01	555,000	537,500	540,400	N	ST	T	A	NG	FO6		165,203	
Mirant Energy Trading, LLC	Bowline 2	G	23595	West Haverstraw	087	36	1974-05-01	555,000	555,400	528,600	N	ST	W	A	NG	FO6		42,944	
Mirant Energy Trading, LLC	Lovett 5 (Retired - 4/30/2008)	G	23593	Tomkins Cove	087	36	1969-04-01	200,600	0	0	N	ST	W	A	BIT	NG	FO6	285,142	(11) (R)
Model City Energy LLC	Model City Energy	A	24167	Lewiston	063	36	2001-06-01	5,600	5,300	5,400		IC			MTE			45,355	
Modern Innovative Energy, LLC	Modern LF	A	323580	Lewiston	063	36	2006-02-01	6,400	6,000	5,900		IC			MTE			50,172	
New York Power Authority	ADG FC	I	x	Yonkers	119	36	1996-04-01	200	0	0		FC			MTE				
New York Power Authority	Ashokan 1	G	23654	Ashokan	111	36	1982-11-01	2,300	1,800	2,400		HY			WAT			7,845	
New York Power Authority	Ashokan 2	G	23654	Ashokan	111	36	1982-11-01	2,300	1,800	2,400		HY			WAT			8,267	
New York Power Authority	Astoria CC 1	J	323568	Queens	081	36	2006-01-01	288,000	232,900	262,500		CC			NG	JF	KER	2,641,698	(12)
New York Power Authority	Astoria CC 2	J	323569	Queens	081	36	2006-01-01	288,000	232,900	262,500		CC			NG	JF	KER		
New York Power Authority	Blenheim - Gilboa 1	F	23756	Gilboa NY	095	36	1973-07-01	308,000	290,700	291,500		PS			WAT			149,910	
New York Power Authority	Blenheim - Gilboa 2	F	23757	Gilboa NY	095	36	1973-07-01	308,000	291,200	291,700		PS			WAT			244,367	
New York Power Authority	Blenheim - Gilboa 3	F	23758	Gilboa NY	095	36	1973-07-01	278,000	261,200	262,000		PS			WAT			33,430	
New York Power Authority	Blenheim - Gilboa 4	F	23759	Gilboa NY	095	36	1973-07-01	278,000	261,500	262,700		PS			WAT			139,762	
New York Power Authority	Brentwood	K	24164	Brentwood	103	36	2001-08-01	50,000	46,500	47,000	N	GT			NG			88,276	
New York Power Authority	Bronx Zoo	J	x	Bronx	005	36	1991-01-01	3,600	0	0	Y	IC			NG	FO2			
New York Power Authority	Crescent 1	F	24018	Crescent	001	36	1991-07-01	2,800	2,350	2,350		HY			WAT			12,948	
New York Power Authority	Crescent 2	F	24018	Crescent	001	36	1991-07-01	2,800	2,350	2,350		HY			WAT			14,598	
New York Power Authority	Crescent 3	F	24018	Crescent	001	36	1991-07-01	3,000	2,350	2,350		HY			WAT			19,356	
New York Power Authority	Crescent 4	F	24018	Crescent	001	36	1991-07-01	3,000	2,350	2,350		HY			WAT			17,198	
New York Power Authority	Flynn	K	23794	Holtsville	103	36	1994-05-01	170,000	134,300	166,600	N	CC			NG	FO2		1,227,582	
New York Power Authority	Gowanus 5	J	24156	Brooklyn	047	36	2001-08-01	50,000	40,000	40,000	N	GT			NG			73,429	
New York Power Authority	Gowanus 6	J	24157	Brooklyn	047	36	2001-08-01	50,000	40,000	40,000	N	GT			NG			63,475	
New York Power Authority	Grahamsville	G	23607	Grahamsville	105	36	1956-12-01	18,000	16,000	16,000		HY			WAT			73,308	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
New York Power Authority	Greenport IC 4		K	1652	Greenport	103	36	1957-06-06	1,200	1,000	1,000	N	IC			FO2			2	
New York Power Authority	Greenport IC 5		K	1652	Greenport	103	36	1965-07-08	1,800	1,500	1,500	N	IC			FO2			4	
New York Power Authority	Greenport IC 6		K	1652	Greenport	103	36	1971-09-17	3,800	2,500	2,500	N	IC			FO2			6	
New York Power Authority	Harlem River 1		J	24160	Bronx	005	36	2001-08-01	50,000	40,000	40,000	N	GT			NG			30,628	
New York Power Authority	Harlem River 2		J	24161	Bronx	005	36	2001-08-01	50,000	40,000	40,000	N	GT			NG			46,860	
New York Power Authority	Hellgate 1		J	24158	Bronx	005	36	2001-08-01	50,000	40,100	40,000	N	GT			NG			52,223	
New York Power Authority	Hellgate 2		J	24159	Bronx	005	36	2001-08-01	50,000	40,100	40,000	N	GT			NG			50,840	
New York Power Authority	Jarvis 1		E	23743	Hinckley	065	36	1991-07-01	4,500	3,300	4,600		HY			WAT			21,158	
New York Power Authority	Jarvis 2		E	23743	Hinckley	065	36	1991-07-01	4,500	3,300	4,600		HY			WAT			16,185	
New York Power Authority	Kensico 1		I	23655	Kensico	119	36	1983-07-01	1,000	466	566		HY			WAT			1,254	
New York Power Authority	Kensico 2		I	23655	Kensico	119	36	1983-07-01	1,000	467	567		HY			WAT			1,835	
New York Power Authority	Kensico 3		I	23655	Kensico	119	36	1983-07-01	1,000	467	567		HY			WAT			0	
New York Power Authority	Kent		J	24152	Brooklyn	047	36	2001-08-01	50,000	45,500	46,800	N	GT			NG			75,975	
New York Power Authority	Lewiston PS		A	23760	Niagara Falls	063	36	1961-01-01	240,000	240,000	240,000		PS			WAT			13,689,932	(13)
New York Power Authority	Moses Niagara		A	23760	Niagara Falls	063	36	1961-01-01	2,860,000	2,460,000	2,445,200		HY			WAT				
New York Power Authority	Neversink		G	23608	Grahamsville	105	36	1953-12-01	25,000	16,000	16,000		HY			WAT			35,077	
New York Power Authority	Photovoltaic		I	x	Yonkers	119	36	1996-06-01	480	0	0		PV			SUN				
New York Power Authority	Poletti 1		J	23519	Queens	081	36	1977-02-01	926,000	890,000	890,500	N	ST	A		FO6	NG		2,078,068	
New York Power Authority	Pouch		J	24155	Staten Island	085	36	2001-08-01	50,000	46,800	47,000	N	GT			NG			117,844	
New York Power Authority	St Lawrence - FDR		D	23600	Massena	089	36	1958-07-01	1,088,000	846,000	786,500		HY			WAT			6,989,181	
New York Power Authority	Vernon Blvd 2		J	24162	Queens	081	36	2001-08-01	50,000	40,100	40,000	N	GT			NG			63,694	
New York Power Authority	Vernon Blvd 3		J	24163	Queens	081	36	2001-08-01	50,000	40,000	40,000	N	GT			NG			49,511	
New York Power Authority	Vischer Ferry 1		F	24020	Vischer Ferry	091	36	1991-07-01	2,800	2,300	2,225		HY			WAT			10,356	
New York Power Authority	Vischer Ferry 2		F	24020	Vischer Ferry	091	36	1991-07-01	2,800	2,300	2,225		HY			WAT			13,334	
New York Power Authority	Vischer Ferry 3		F	24020	Vischer Ferry	091	36	1991-07-01	3,000	2,300	2,225		HY			WAT			17,148	
New York Power Authority	Vischer Ferry 4		F	24020	Vischer Ferry	091	36	1991-07-01	3,000	2,300	2,225		HY			WAT			18,101	
New York State Elec. & Gas Corp.	AA Dairy		C	x	Ithaca	109	36	1998-06-01	100	0	0	N	IC			MTE				

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
New York State Elec. & Gas Corp.	Alice Falls 1	D	23915	Ausable	019	36	1991-11-01	1,500	0	0		HY			WAT			0	
New York State Elec. & Gas Corp.	Alice Falls 2	D	23915	Ausable	019	36	1991-11-01	600	0	0		HY			WAT			0	
New York State Elec. & Gas Corp.	Allegheny 8	C	23528	Kittanning	005	42	1990-10-01	16,000	14,750	15,620		HY			WAT			82,189	
New York State Elec. & Gas Corp.	Allegheny 9	C	23528	Kittanning	005	42	1990-10-01	22,000	20,250	21,480		HY			WAT			102,085	
New York State Elec. & Gas Corp.	Auburn - Mill St.	C	x	Auburn	011	36	1981-10-01	400	0	0		HY			WAT				
New York State Elec. & Gas Corp.	Auburn - No. Div.St	C	x	Auburn	011	36	1992-12-01	800	0	0		HY			WAT				
New York State Elec. & Gas Corp.	Auburn - State St.	C	24147	Auburn	011	36	1995-01-01	7,400	5,100	7,700		GT			NG			420	
New York State Elec. & Gas Corp.	Broome LFGE	C	323600	Binghamton	007	36	2007-09-01	2,100	2,200	2,200		IC			MTE			10,587	(14)
New York State Elec. & Gas Corp.	Cadyville 1	D	23628	Schuyler Falls	019	36	1921-08-01	1,200	1,000	1,000		HY			WAT			3,902	
New York State Elec. & Gas Corp.	Cadyville 2	D	23628	Schuyler Falls	019	36	1921-08-01	1,200	1,000	1,000		HY			WAT			5,221	
New York State Elec. & Gas Corp.	Cadyville 3	D	23628	Schuyler Falls	019	36	1986-09-01	3,100	2,600	2,600		HY			WAT			20,406	
New York State Elec. & Gas Corp.	Chasm Hydro	D	x	Chateaugay	033	36	1982-03-01	1,000	0	0		HY			WAT				
New York State Elec. & Gas Corp.	Cowee	F	x	Berlin	083	36	1985-12-01	500	0	0	Y	ST			WD				
New York State Elec. & Gas Corp.	Croton Fall Hydro	I	x	North Salem	119	36	1987-01-01	200	0	0		HY			WAT				
New York State Elec. & Gas Corp.	Goodyear Lake	E	x	Milford	077	36	1980-07-01	1,500	0	0		HY			WAT				
New York State Elec. & Gas Corp.	Harris Lake	D	x	Newcomb	031	36	1967-08-01	1,700	0	0		IC		C	FO2				
New York State Elec. & Gas Corp.	High Falls 1	D	23628	Saranac	019	36	1948-08-01	4,000	4,350	4,400		HY			WAT			30,426	
New York State Elec. & Gas Corp.	High Falls 2	D	23628	Saranac	019	36	1949-08-01	4,000	4,350	4,400		HY			WAT			31,328	
New York State Elec. & Gas Corp.	High Falls 3	D	23628	Saranac	019	36	1956-08-01	7,000	7,600	7,700		HY			WAT			36,620	
New York State Elec. & Gas Corp.	Kent Falls 1	D	23628	Schuyler Falls	019	36	1928-08-01	3,200	3,050	2,400		HY			WAT			19,709	
New York State Elec. & Gas Corp.	Kent Falls 2	D	23628	Schuyler Falls	019	36	1928-08-01	3,200	3,050	2,400		HY			WAT			11,344	
New York State Elec. & Gas Corp.	Kent Falls 3	D	23628	Schuyler Falls	019	36	1985-07-01	6,000	5,700	4,500		HY			WAT			36,067	
New York State Elec. & Gas Corp.	Lower Saranac 1	D	23913	Schuyler Falls	019	36	1990-10-01	3,200	0	0		HY			WAT			0	
New York State Elec. & Gas Corp.	Lower Saranac 2	D	23913	Schuyler Falls	019	36	1990-10-01	3,200	0	0		HY			WAT			0	
New York State Elec. & Gas Corp.	Lower Saranac 3	D	23913	Schuyler Falls	019	36	1990-10-01	300	0	0		HY			WAT			0	
New York State Elec. & Gas Corp.	Mechanicville 1	F	23645	Stillwater	091	36	1983-09-01	8,200	7,950	9,350		HY			WAT			44,783	
New York State Elec. & Gas Corp.	Mechanicville 2	F	23645	Stillwater	091	36	1983-09-01	8,200	7,950	9,350		HY			WAT			57,167	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
New York State Elec. & Gas Corp.	Mill C 1		D	23628	Plattsburgh	019	36	1944-08-01	1,000	980	950		HY			WAT			4,986	
New York State Elec. & Gas Corp.	Mill C 2		D	23628	Plattsburgh	019	36	1943-08-01	1,200	1,180	1,150		HY			WAT			4,632	
New York State Elec. & Gas Corp.	Mill C 3		D	23628	Plattsburgh	019	36	1984-11-01	3,800	3,740	3,700		HY			WAT			22,242	
New York State Elec. & Gas Corp.	Montville Falls		C	x	Moravia	011	36	1992-08-01	200	0	0		HY			WAT				
New York State Elec. & Gas Corp.	Rainbow Falls 1		D	23628	Ausable	019	36	1926-08-01	1,300	1,500	1,500		HY			WAT			6,493	
New York State Elec. & Gas Corp.	Rainbow Falls 2		D	23628	Ausable	019	36	1927-08-01	1,300	1,500	1,500		HY			WAT			6,612	
New York State Elec. & Gas Corp.	Saranac Energy 1		D	23793	Plattsburgh	019	36	1994-06-01	95,200	84,566	80,300	Y	CT			NG			717,087	
New York State Elec. & Gas Corp.	Saranac Energy 2		D	23793	Plattsburgh	019	36	1994-06-01	95,200	84,567	80,300	Y	CT			NG			713,627	
New York State Elec. & Gas Corp.	Saranac Energy 3		D	23793	Plattsburgh	019	36	1994-06-01	95,200	84,567	80,300	Y	CW			NG			688,322	
New York State Elec. & Gas Corp.	Seneca Falls 1		C	23627	Seneca Falls	099	36	1998-06-01	1,800	0	0		HY			WAT			0	
New York State Elec. & Gas Corp.	Seneca Falls 2		C	23627	Seneca Falls	099	36	1998-06-01	1,800	0	0		HY			WAT			0	
New York State Elec. & Gas Corp.	Seneca Falls 4		C	23627	Seneca Falls	099	36	1998-06-01	2,000	0	0		HY			WAT			0	
New York State Elec. & Gas Corp.	Waterloo 2		C	x	Waterloo	099	36	1998-06-01	534	0	0		HY			WAT				
New York State Elec. & Gas Corp.	Waterloo 3		C	x	Waterloo	099	36	1998-06-01	533	0	0		HY			WAT				
New York State Elec. & Gas Corp.	Waterloo 4		C	x	Waterloo	099	36	1998-06-01	533	0	0		HY			WAT				
Niagara Mohawk Power Corp.	Adir-Resource Recovery		F	23798		115	36	1991-10-01	14,400	0	0	Y	ST			REF			82,587	
Niagara Mohawk Power Corp.	Boralex - Hudson Falls		F	24011	Hudson Falls	091	36	1995-10-01	44,000	41,700	43,500		HY			WAT			272,117	
Niagara Mohawk Power Corp.	Boralex - South Glens Falls		F	24028	Moreau	091	36	1994-12-01	13,800	0	0		HY			WAT			100,082	
Niagara Mohawk Power Corp.	CHI-Lachute		F	1654		031	36	1987-12-01	9,000	0	0		HY			WAT			42,584	
Niagara Mohawk Power Corp.	Fortis - Dolgeville		E	23807	Dolgeville	043	36	1985-07-01	5,000	0	0		HY			WAT			20,438	
Niagara Mohawk Power Corp.	Fortis Energy - Philadelphia		E	1656		045	36	1986-08-01	3,600	0	0		HY			WAT			14,552	
Niagara Mohawk Power Corp.	Fortis Energy - Moose River		E	24016		049	36	1987-09-01	12,600	0	0		HY			WAT			59,955	
Niagara Mohawk Power Corp.	Fortistar - N.Tonawanda		A	24026	N Tonawanda	029	36	1993-06-01	55,300	52,000	62,100	Y	CC			NG			12,618	
Niagara Mohawk Power Corp.	General Mills Inc		A	23808		029	36	1988-12-01	3,800	0	0	Y	CC			NG			2,305	
Niagara Mohawk Power Corp.	International Paper - Curtis		F	1655	Corinth	091	36	1986-01-01	29,500	0	0		HY			WAT			400,223	(15)
Niagara Mohawk Power Corp.	International Paper - Palmer		F	1655	Corinth	091	36	1986-01-01	29,500	0	0		HY			WAT				
Niagara Mohawk Power Corp.	Little Falls Hydro		E	24013	Little Falls	043	36	1987-01-01	13,000	0	0		HY			WAT			61,478	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Niagara Mohawk Power Corp.	Onondaga County	C	23987		067	36	1994-12-01	39,500	31,600	31,800	Y	ST			REF			219,804	
Niagara Mohawk Power Corp.	Pyrites Assoc.	E	24023	Canton	089	36	1985-12-01	8,200	0	0		HY			WAT			39,049	
Niagara Mohawk Power Corp.	Adams Hydro	E	23633		045	36	1987-11-01	200	0	0		HY			WAT			0	
Niagara Mohawk Power Corp.	Algon.-Burt Dam Assoc.	A	23774		063	36	1987-12-01	400	0	0		HY			WAT			1,554	
Niagara Mohawk Power Corp.	Algon.-Christine.Falls	F	23643		041	36	1987-12-01	800	0	0		HY			WAT			3,979	
Niagara Mohawk Power Corp.	Algon.-Cranberry. Lake	E	23633		049	36	1987-12-01	500	0	0		HY			WAT			1,852	
Niagara Mohawk Power Corp.	Algon.-Forresport	E	23633		065	36	1987-12-01	3,400	0	0		HY			WAT			13,996	
Niagara Mohawk Power Corp.	Algon.-Herkimer	E	23633		043	36	1987-12-01	1,600	0	0		HY			WAT			0	
Niagara Mohawk Power Corp.	Algon.-Hollow Dam Power	E	23633		089	36	1987-12-01	800	0	0		HY			WAT			3,392	
Niagara Mohawk Power Corp.	Algon.-Kayuta	E	23633		065	36	1988-05-01	400	0	0		HY			WAT			0	
Niagara Mohawk Power Corp.	Algon.-Ogdensburg	E	23633		089	36	1987-12-01	3,500	0	0		HY			WAT			12,706	
Niagara Mohawk Power Corp.	Algon.-Otter Creek	E	23633		049	36	1986-11-01	500	0	0		HY			WAT			1,953	
Niagara Mohawk Power Corp.	Allied Frozen Storage	A	23774		029	36	2008-05-01	100	0	0		IC			NG			151	(N)
Niagara Mohawk Power Corp.	Azure Mnt. Pwr Co	E	23633		033	36	1993-08-01	600	0	0		HY			WAT			2,514	
Niagara Mohawk Power Corp.	Beaver Falls #1	E	23633		049	36	1986-01-01	1,500	0	0		HY			WAT			10,330	
Niagara Mohawk Power Corp.	Beaver Falls #2	E	23633		049	36	1986-01-01	1,000	0	0		HY			WAT			5,991	
Niagara Mohawk Power Corp.	Bellows Towers	E	23633		033	36	1987-06-01	200	0	0		HY			WAT			498	
Niagara Mohawk Power Corp.	Black River Hyd#1	E	23633	Port Leyden	049	36	1984-07-01	1,900	0	0		HY			WAT			5,684	
Niagara Mohawk Power Corp.	Black River Hyd#2	E	23633	Port Leyden	049	36	1985-12-01	1,600	0	0		HY			WAT			2,143	
Niagara Mohawk Power Corp.	Black River Hyd#3	E	23633	Port Leyden	049	36	1984-07-01	2,200	0	0		HY			WAT			16,565	
Niagara Mohawk Power Corp.	Boralex - Middle Falls	F	23643	Easton	115	36	1989-12-01	2,200	0	0		HY			WAT			12,144	
Niagara Mohawk Power Corp.	Cal Ban Power	A	23774		003	36	1995-06-01	100	0	0	Y	IC			NG			92	
Niagara Mohawk Power Corp.	Cellu-Tissue Corp - Natural Dam	E	23633	Natural Dam	089	36	1986-01-01	200	0	0		HY			WAT			9	
Niagara Mohawk Power Corp.	Champlain Spinner	F	23643		031	36	1992-07-01	400	0	0		HY			WAT			1,922	
Niagara Mohawk Power Corp.	CHI Dexter Hydro	E	23633	Dexter	045	36	1988-01-01	4,200	0	0		HY			WAT			24,555	
Niagara Mohawk Power Corp.	CHI Diamond Is HY	E	23633	Watertown	045	36	1986-01-01	1,200	0	0		HY			WAT			7,631	
Niagara Mohawk Power Corp.	CHI Fowler	E	23633	Fowler	049	36	1986-01-01	600	0	0		HY			WAT			1,308	

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EXISTING GENERATING FACILITIES

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Niagara Mohawk Power Corp.	CHI Hailsboro #3	E	23633	Hailsboro	089	36	1986-01-01	750	0	0		HY			WAT			4,869	
Niagara Mohawk Power Corp.	CHI Hailsboro #4	E	23633	Hailsboro	089	36	1986-01-01	1,400	0	0		HY			WAT			12,634	
Niagara Mohawk Power Corp.	CHI Hailsboro #6	E	23633	Hailsboro	089	36	1986-01-01	800	0	0		HY			WAT			6,000	
Niagara Mohawk Power Corp.	CHI Theresa Hydro	E	23633	Theresa	089	36	1986-01-01	1,300	0	0		HY			WAT			7,289	
Niagara Mohawk Power Corp.	Chittenden Falls	E	23633		089	36	1995-12-01	600	0	0		HY			WAT			2,851	
Niagara Mohawk Power Corp.	City of Oswego (H.D.)	C	23634		075	36	1994-02-01	11,900	0	0		HY			WAT			41,000	
Niagara Mohawk Power Corp.	City of Utica - Sand Road	E	23633		065	36	1993-05-01	200	0	0		HY			WAT			1,495	
Niagara Mohawk Power Corp.	City of Utica -Trenton Falls	E	23633		065	36	1993-02-01	200	0	0		HY			WAT			844	
Niagara Mohawk Power Corp.	City of Watertown	E	23633		045	36	1986-01-01	8,100	0	0		HY			WAT			12,711	
Niagara Mohawk Power Corp.	City of Watervliet	F	23643		001	36	1986-01-01	1,200	0	0		HY			WAT			3,753	
Niagara Mohawk Power Corp.	Cons. HY-Victory	F	23643		091	36	1986-12-01	1,700	0	0		HY			WAT			3,224	
Niagara Mohawk Power Corp.	Copenhagen Assoc.	E	23633	Copenhagen	049	36	1986-01-01	3,300	0	0		HY			WAT			13,408	
Niagara Mohawk Power Corp.	Cottrell Paper	F	23643		091	36	1987-01-01	300	0	0		HY			WAT			277	
Niagara Mohawk Power Corp.	Empire HY Partner	E	23633		049	36	1984-11-01	1,000	0	0		HY			WAT			5,484	
Niagara Mohawk Power Corp.	Finch Pruyn	F	23643		113	36	1989-12-01	11,800	0	0		HY			WAT			8,251	
Niagara Mohawk Power Corp.	Fort Miller Assoc	F	23643		091	36	1985-10-01	5,000	0	0		HY			WAT			26,040	
Niagara Mohawk Power Corp.	Fortis Energy - Diana	E	23633		049	36	1985-07-01	1,800	0	0		HY			WAT			9,143	
Niagara Mohawk Power Corp.	Franklin Hydro	D	24055		033	36	1995-03-01	300	0	0		HY			WAT			0	
Niagara Mohawk Power Corp.	Green Island Power Authority	F	23643	Green Island	001	36	1971-01-01	6,000	0	0		HY			WAT			40,662	
Niagara Mohawk Power Corp.	Hewittville Hydro	E	23633		089	36	1984-07-01	3,000	0	0		HY			WAT			16,492	
Niagara Mohawk Power Corp.	Hollings&Vose-Center	F	23643		115	36	1986-01-01	400	0	0		HY			WAT			950	
Niagara Mohawk Power Corp.	Hollings&Vose-Lower	F	23643		115	36	1986-01-01	400	0	0		HY			WAT			3	
Niagara Mohawk Power Corp.	Hollings&Vose-Upper	F	23643		115	36	1986-01-01	400	0	0		HY			WAT			4,871	
Niagara Mohawk Power Corp.	Hoosick Falls	F	23643		083	36	1988-08-01	600	0	0		HY			WAT			3,080	
Niagara Mohawk Power Corp.	Hydrocarbon-Algny	A	23774		003	36	1992-12-01	200	0	0	Y	IC			NG			0	
Niagara Mohawk Power Corp.	Indian Falls HY	E	23633		045	36	1986-01-01	300	0	0		HY			WAT			1,162	
Niagara Mohawk Power Corp.	Kings Falls	E	23633		049	36	1988-05-01	1,600	0	0		HY			WAT			3,303	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Niagara Mohawk Power Corp.	Laidlaw Energy	A	23774	Ellicottville	009	36	1991-07-01	3,000	0	0	Y	GT			NG			0	
Niagara Mohawk Power Corp.	Laidlaw Energy	A	23774	Ellicottville	009	36	1991-07-01	3,000	0	0	Y	ST			NG			0	
Niagara Mohawk Power Corp.	Laquidara-Long Falls	E	23633		045	36	1991-06-01	2,000	0	0		HY			WAT			11,221	
Niagara Mohawk Power Corp.	Lyonsdale Assoc. (Burrows)	E	23633	Lyons Falls	049	36	1984-07-01	3,000	0	0		HY			WAT			13,023	
Niagara Mohawk Power Corp.	Mechanicville	F	23643		091	36	2005-03-01	2,000	0	0		HY			WAT			17,387	
Niagara Mohawk Power Corp.	MM Albany Energy	F	23643		001	36	1998-05-01	3,800	0	0	N	IC			MTE			11,697	
Niagara Mohawk Power Corp.	Mt. Ida Assoc.	F	23643		083	36	1986-01-01	2,000	0	0		HY			WAT			11,776	
Niagara Mohawk Power Corp.	Newport HY Assoc	E	23633		043	36	1987-12-01	1,200	0	0		HY			WAT			7,847	
Niagara Mohawk Power Corp.	Nottingham High School	C	23634		067	36	1988-06-01	200	0	0	Y	CC			NG			0	
Niagara Mohawk Power Corp.	Onondaga Energy Partners	C	23634		067	36	1987-12-01	1,400	0	0	Y	IC			MTE			2,046	
Niagara Mohawk Power Corp.	Oswego County	C	23634		075	36	1986-03-01	3,600	0	0	Y	ST			REF			4,757	
Niagara Mohawk Power Corp.	Oswego HY Partners (Phoenix)	C	23634		067	36	1990-12-01	3,400	0	0		HY			WAT			10,699	
Niagara Mohawk Power Corp.	Riverrat Glass&Electric	F	23643		031	36	1986-01-01	600	0	0		HY			WAT			2,398	
Niagara Mohawk Power Corp.	Sandy Hollow HY	E	23633		045	36	1986-09-01	600	0	0		HY			WAT			2,673	
Niagara Mohawk Power Corp.	Seneca Limited	C	23634		067	36	1985-12-01	200	0	0		HY			WAT			0	
Niagara Mohawk Power Corp.	Stevens&Thompson Paper Co.	F	23643		115	36	1987-12-01	10,000	0	0		HY			WAT			44,504	
Niagara Mohawk Power Corp.	Stillwater Assoc.	E	23633		043	36	1987-01-01	1,800	0	0		HY			WAT			5,565	
Niagara Mohawk Power Corp.	Stillwater HY Partners	F	23643		091	36	1993-04-01	3,400	0	0		HY			WAT			13,807	
Niagara Mohawk Power Corp.	Synergics - Middle Greenwich	F	23643		115	36	1987-12-01	200	0	0		HY			WAT			967	
Niagara Mohawk Power Corp.	Synergics - Union Falls	D	24055		019	36	1987-12-01	3,000	0	0		HY			WAT			16,553	
Niagara Mohawk Power Corp.	Synergics - Upper Greenwich	F	23643		115	36	1987-12-01	400	0	0		HY			WAT			2,141	
Niagara Mohawk Power Corp.	Tannery Island	E	23633		045	36	1986-01-01	1,500	0	0		HY			WAT			9,428	
Niagara Mohawk Power Corp.	Town of Wells	F	23643	Wells	041	36	1987-12-01	500	0	0		HY			WAT			2,137	
Niagara Mohawk Power Corp.	Unionville Hydro	E	23633		089	36	1984-07-01	3,000	0	0		HY			WAT			14,280	
Niagara Mohawk Power Corp.	Valatie Falls	F	23643		021	36	1992-12-01	100	0	0		HY			WAT			424	
Niagara Mohawk Power Corp.	Valley Falls Assoc.	F	23643		083	36	1985-08-01	2,500	0	0		HY			WAT			11,362	
Niagara Mohawk Power Corp.	Village of Gouverneur	E	23633		089	36	1986-01-01	100	0	0		HY			WAT			476	

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Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Niagara Mohawk Power Corp.	Village of Potsdam	E	23633		089	36	1986-01-01	800	0	0		HY			WAT			4,310	
Niagara Mohawk Power Corp.	Village of Saranac Lake	E	23633		033	36	1996-12-01	200	0	0		HY			WAT			592	
Niagara Mohawk Power Corp.	West End Dam Assoc.	E	23633		045	36	1986-01-01	4,400	0	0		HY			WAT			25,495	
Nine Mile Point Nuclear Station, LLC	Nine Mile Pt 1	C	23575	Scriba	075	36	1969-11-01	641,800	621,200	638,000		NB	A	UR				5,346,700	
Nine Mile Point Nuclear Station, LLC	Nine Mile Pt 2	C	23744	Scriba	075	36	1988-08-01	1,259,300	1,142,700	1,148,000		NB	B	UR				9,041,024	
Noble Altona Windpark, LLC	Altona Wind Power	D	323606	Altona	019	36	2008-09-23	97,500	9,750	29,250		WT			WND			703	(16)(N)(W)
Noble Bliss Windpark, LLC	Bliss Wind Power	A	323608	Bliss	121	36	2008-03-20	101,000	10,100	30,300		WT			WND			124,101	(17)(N)(W)
Noble Chateaugay Windpark, LLC	Chateaugay Wind Power	D	323614	Chateaugay	033	36	2008-10-07	107,000	0	0		WT			WND			16,095	(18)(N)(W)
Noble Clinton Windpark 1, LLC	Clinton Wind Power	D	323605	Clinton	019	36	2008-04-09	101,000	10,100	30,300		WT			WND			75,710	(19)(N)(W)
Noble Ellenburg Windpark, LLC	Ellenburg Wind Power	D	323604	Ellenburg	019	36	2008-03-31	81,000	8,100	24,300		WT			WND			76,550	(20)(N)(W)
Noble Wethersfield Windpark, LLC	Wethersfield Wind Power	C	323626	Wethersfield	121	36	2008-12-11	126,000	0	0		WT			WND			0	(N)(W)
NRG Power Marketing LLC	Arthur Kill GT 1	J	23520	Staten Island	085	36	1970-06-01	20,000	11,900	16,200	N	GT	C	KER				391	
NRG Power Marketing LLC	Arthur Kill ST 2	J	23512	Staten Island	085	36	1959-08-01	376,200	331,700	350,000	N	ST	A	NG				712,224	
NRG Power Marketing LLC	Arthur Kill ST 3	J	23513	Staten Island	085	36	1969-06-01	535,500	507,900	501,000	N	ST	A	NG				469,004	
NRG Power Marketing LLC	Astoria GT 05	J	24106	Queens	081	36	1970-06-01	19,200	13,100	14,900	N	GT	C	FO2				46	
NRG Power Marketing LLC	Astoria GT 07	J	24107	Queens	081	36	1970-06-01	19,200	11,300	15,200	N	GT	C	FO2				50	
NRG Power Marketing LLC	Astoria GT 08	J	24108	Queens	081	36	1970-06-01	19,200	11,900	14,900	N	GT	C	FO2				44	
NRG Power Marketing LLC	Astoria GT 10	J	24110	Queens	081	36	1971-01-01	31,800	17,700	24,700	N	GT	C	FO2				97	
NRG Power Marketing LLC	Astoria GT 11	J	24225	Queens	081	36	1971-02-01	31,800	19,200	24,300	N	GT	C	FO2				71	
NRG Power Marketing LLC	Astoria GT 12	J	24226	Queens	081	36	1971-05-01	31,800	18,600	26,800	N	GT	C	FO2				109	
NRG Power Marketing LLC	Astoria GT 13	J	24227	Queens	081	36	1971-05-01	31,800	17,500	12,300	N	GT	C	FO2				69	
NRG Power Marketing LLC	Astoria GT 2-1	J	24094	Queens	081	36	1970-06-01	46,500	36,500	47,000	N	GT	C	KER	NG			8,192	
NRG Power Marketing LLC	Astoria GT 2-2	J	24095	Queens	081	36	1970-06-01	46,500	33,100	48,000	N	GT	C	KER	NG			10,527	
NRG Power Marketing LLC	Astoria GT 2-3	J	24096	Queens	081	36	1970-06-01	46,500	34,400	48,500	N	GT	C	KER	NG			6,718	
NRG Power Marketing LLC	Astoria GT 2-4	J	24097	Queens	081	36	1970-06-01	46,500	33,600	48,700	N	GT	C	KER	NG			8,813	
NRG Power Marketing LLC	Astoria GT 3-1	J	24098	Queens	081	36	1970-06-01	46,500	33,200	46,000	N	GT	C	KER	NG			11,099	
NRG Power Marketing LLC	Astoria GT 3-2	J	24099	Queens	081	36	1970-06-01	46,500	35,400	46,000	N	GT	C	KER	NG			7,030	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
NRG Power Marketing LLC	Astoria GT 3-3	J	24100	Queens	081	36	1970-06-01	46,500	34,500	46,500	N	GT		C	KER	NG		7,265	
NRG Power Marketing LLC	Astoria GT 3-4	J	24101	Queens	081	36	1970-06-01	46,500	34,600	48,000	N	GT		C	KER	NG		9,768	
NRG Power Marketing LLC	Astoria GT 4-1	J	24102	Queens	081	36	1970-07-01	46,500	34,500	49,000	N	GT		C	KER	NG		5,674	
NRG Power Marketing LLC	Astoria GT 4-2	J	24103	Queens	081	36	1970-07-01	46,500	33,500	46,400	N	GT		C	KER	NG		4,308	
NRG Power Marketing LLC	Astoria GT 4-3	J	24104	Queens	081	36	1970-07-01	46,500	34,600	46,100	N	GT		C	KER	NG		6,509	
NRG Power Marketing LLC	Astoria GT 4-4	J	24105	Queens	081	36	1970-07-01	46,500	32,900	46,400	N	GT		C	KER	NG		13,914	
NRG Power Marketing LLC	Dunkirk 1	A	23563	Dunkirk	013	36	1950-11-01	80,000	78,400	77,000	N	ST	T	A	BIT			555,102	
NRG Power Marketing LLC	Dunkirk 2	A	23564	Dunkirk	013	36	1950-12-01	80,000	78,400	75,600	N	ST	T	A	BIT			591,196	
NRG Power Marketing LLC	Dunkirk 3	A	23565	Dunkirk	013	36	1959-09-01	200,000	189,600	186,500	N	ST	T	A	BIT			1,274,208	
NRG Power Marketing LLC	Dunkirk 4	A	23566	Dunkirk	013	36	1960-08-01	200,000	188,400	186,800	N	ST	T	A	BIT			1,282,763	
NRG Power Marketing LLC	Dunkirk IC 2	A	x	Dunkirk	013	36	1990-01-01	500	0	0	N	IC			FO2				
NRG Power Marketing LLC	Huntley 67	A	23561	Tonawanda	029	36	1957-12-01	218,000	187,200	190,000	N	ST	T	A	BIT			1,233,783	
NRG Power Marketing LLC	Huntley 68	A	23562	Tonawanda	029	36	1958-12-01	218,000	188,000	190,000	N	ST	T	A	BIT			1,192,950	
NRG Power Marketing LLC	Huntley IC 1	A	x	Tonawanda	029	36	1967-08-01	700	0	0	N	IC			FO2				
NRG Power Marketing LLC	Oswego 5	C	23606	Oswego	075	36	1976-02-01	901,800	837,700	851,700	N	ST	W	A	FO6			42,957	
NRG Power Marketing LLC	Oswego 6	C	23613	Oswego	075	36	1980-07-01	901,800	833,200	843,500	N	ST	W	A	FO6			48,941	
NRG Power Marketing LLC	Oswego IC 1	C	x	Oswego	075	36	1967-08-01	700	0	0	N	IC			FO2				
NRG Power Marketing LLC	Oswego IC 2	C	x	Oswego	075	36	1976-02-01	800	0	0	N	IC			FO2				
NRG Power Marketing LLC	Oswego IC 3	C	x	Oswego	075	36	1980-07-01	800	0	0	N	IC			FO2				
NYSEG Solutions, Inc.	Carthage Energy	E	23857	Carthage	045	36	1991-08-01	62,900	56,900	66,800	Y	CC			NG			4,779	
Onondaga Cogeneration, LP	Onondaga Cogen (Retired 5/1/2008)	C	23986	Geddes	067	36	1993-11-01	105,800	0	0	Y	CC			NG			0	(R)
Orange and Rockland Utilities	Buttermilk Falls	G	x	Highland Falls	071	36	1986-12-01	100	0	0		HY			WAT				
Orange and Rockland Utilities	Intl. Crossroads	G	x	Mahwah NJ	003	34	1987-12-01	3,000	0	0	Y	IC			NG	FO2			
Orange and Rockland Utilities	Landfill G.Part19	G	x	Goshen	071	36	1988-12-01	2,500	0	0	N	IC			MTE				
Orange and Rockland Utilities	Middletown LFG	G	x	Goshen	071	36	1988-12-01	3,000	0	0	N	IC			MTE				
Power City Partners, L.P.	Massena	D	23902	Massena	089	36	1992-07-01	101,800	81,400	92,000	Y	CC			NG	FO2		3,611	
Project Orange Associates, LLC	Project Orange 1	C	24174	Syracuse	067	36	1992-06-01	49,000	40,500	48,100	Y	GT			NG			109,283	

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EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Project Orange Associates, LLC	Project Orange 2	C	24166	Syracuse	067	36	1992-06-01	49,000	38,600	47,600	Y	GT			NG			133,185	
PSEG Energy Resource & Trade, LLC	Bethlehem Energy Center 1	F	23843	Bethlehem	001	36	2005-07-01	893,100	746,700	843,600		CC			NG	FO2		2,833,618	
R.E. Ginna Nuclear Power Plant, LLC	Ginna	B	23603	Ontario	117	36	1970-07-01	612,100	580,500	580,700		NP	A	UR				4,742,829	
Rochester Gas and Electric Corp.	Allegany GT	B	23514	Hume	003	36	1995-03-01	42,000	37,050	38,865	Y	CT			NG			33,038	(21)
Rochester Gas and Electric Corp.	Allegany ST	B	23514	Hume	003	36	1995-03-01	25,000	22,050	23,135	Y	CW			NG				
Rochester Gas and Electric Corp.	Beebee GT	B	23619	Rochester	055	36	1969-06-01	19,000	14,100	18,000	N	GT		C	FO2			223	
Rochester Gas and Electric Corp.	Mills Mills	B	X	Fillmore	003	36	1906-07-01	200	0	0		HY			WAT				
Rochester Gas and Electric Corp.	Mt Morris	B	X	Mt Morris	051	36	1916-07-01	300	0	0		HY			WAT				
Rochester Gas and Electric Corp.	Russell 1 (Retired - 1/31/2008)	B	23602	Greece	055	36	1948-11-01	46,000	0	0	N	ST	T	A	BIT			18,447	(22) (R)
Rochester Gas and Electric Corp.	Russell 2 (Retired - 2/15/2008)	B	23532	Greece	055	36	1950-11-01	62,500	0	0	N	ST	T	A	BIT			40,185	(23) (R)
Rochester Gas and Electric Corp.	Russell 3 (Retired 4/24/2008)	B	23549	Greece	055	36	1953-09-01	62,500	0	0	N	ST	T	A	BIT			92,077	(24) (R)
Rochester Gas and Electric Corp.	Russell 4 (Retired 4/1/2008)	B	23556	Greece	055	36	1957-02-01	81,600	0	0	N	ST	T	A	BIT			107,726	(25) (R)
Rochester Gas and Electric Corp.	Station 2 1	B	23604	Rochester	055	36	1913-07-01	6,500	6,500	6,500		HY			WAT			39,906	
Rochester Gas and Electric Corp.	Station 26 1	B	23604	Rochester	055	36	1952-08-01	3,000	3,000	3,000		HY			WAT			10,240	
Rochester Gas and Electric Corp.	Station 5 1	B	23604	Rochester	055	36	1918-07-01	12,900	0	0		HY			WAT			0	
Rochester Gas and Electric Corp.	Station 5 2	B	23604	Rochester	055	36	1918-07-01	12,900	0	0		HY			WAT			0	
Rochester Gas and Electric Corp.	Station 5 3	B	23604	Rochester	055	36	1918-07-01	18,000	0	0		HY			WAT			0	
Rochester Gas and Electric Corp.	Station 9	B	23652	Rochester	055	36	1969-11-01	19,000	15,800	18,000		GT		C	NG			98	
Rochester Gas and Electric Corp.	Wiscoy 1	B	X	Fillmore	003	36	1922-07-01	600	0	0		HY			WAT				
Rochester Gas and Electric Corp.	Wiscoy 2	B	X	Fillmore	003	36	1922-07-01	500	0	0		HY			WAT				
Rockville Centre, Village of	Charles P Keller 07	K	1661	Rockville Centre	059	36	1942-09-01	2,000	2,000	2,000	N	IC			FO2			10	
Rockville Centre, Village of	Charles P Keller 08	K	1661	Rockville Centre	059	36	1950-09-01	2,700	2,800	2,700	N	IC			FO2			9	
Rockville Centre, Village of	Charles P Keller 09	K	1661	Rockville Centre	059	36	1954-09-01	3,200	3,200	3,200	N	IC			FO2	NG		76	
Rockville Centre, Village of	Charles P Keller 10	K	1661	Rockville Centre	059	36	1954-09-01	3,200	3,200	3,200	N	IC			FO2	NG		300	
Rockville Centre, Village of	Charles P Keller 11	K	1661	Rockville Centre	059	36	1962-09-01	5,200	5,200	5,200	N	IC			FO2	NG		647	
Rockville Centre, Village of	Charles P Keller 12	K	1661	Rockville Centre	059	36	1967-09-01	5,500	5,500	5,500	N	IC			FO2	NG		463	
Rockville Centre, Village of	Charles P Keller 13	K	1661	Rockville Centre	059	36	1974-09-01	5,500	5,600	5,500	N	IC			FO2	NG		1,012	

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Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
Rockville Centre, Village of	Charles P Keller	14	K	1661	Rockville Centre	059	36	1994-09-01	6,300	6,300	6,300	N	IC			FO2	NG		2,048	
Selkirk Cogen Partners, L.P.	Selkirk-I		F	23801	Selkirk	001	36	1992-03-01	95,000	77,600	107,000	Y	CC			NG			457,754	
Selkirk Cogen Partners, L.P.	Selkirk-II		F	23799	Selkirk	001	36	1994-09-01	262,600	291,300	332,400	Y	CC			NG	FO2		1,578,349	
Seneca Energy II, LLC	Ontario LFGE		C	23819	Canandaigua	069	36	2003-12-01	5,600	5,400	5,400	N	IC			MTE			46,263	
Seneca Energy II, LLC	Seneca Energy 1		C	23797	Seneca Falls	099	36	1996-03-01	9,000	8,300	8,350	N	IC			MTE			141,144	(26)
Seneca Energy II, LLC	Seneca Energy 2		C	23797	Seneca Falls	099	36	1997-08-01	9,000	8,300	8,350	N	IC			MTE				
Seneca Power Partners, L.P.	Batavia		B	24024	Batavia	037	36	1992-06-01	67,300	50,100	62,100	Y	CC			NG			5,220	
Seneca Power Partners, L.P.	Hillburn GT		G	23639	Hillburn	087	36	1971-04-01	46,500	33,100	41,900	N	GT	C		NG	KER		273	
Seneca Power Partners, L.P.	Mongaup 1		G	23641	Forestburg	105	36	1923-07-01	1,000	925	925		HY			WAT			11,504	(27)
Seneca Power Partners, L.P.	Mongaup 2		G	23641	Forestburg	105	36	1923-07-01	1,000	925	925		HY			WAT				
Seneca Power Partners, L.P.	Mongaup 3		G	23641	Forestburg	105	36	1923-07-01	1,000	925	925		HY			WAT				
Seneca Power Partners, L.P.	Mongaup 4		G	23641	Forestburg	105	36	1926-01-01	1,000	925	925		HY			WAT				
Seneca Power Partners, L.P.	Rio		G	23641	Glen Spey	105	36	1927-12-01	10,000	9,235	9,135		HY			WAT			31,529	
Seneca Power Partners, L.P.	Shoemaker GT		G	23640	Middletown	071	36	1971-05-01	41,900	33,000	40,300	N	GT	C		NG	KER		189	
Seneca Power Partners, L.P.	Swinging Bridge 2		G	23641	Forestburg	105	36	1930-02-01	7,000	6,465	6,365		HY			WAT			19,159	
Sheldon Energy LLC	High Sheldon Wind Farm		C	323625	Sheldon	121	36	2009-02-01	112,500	0	0		WT			WND				(N) (W)
Shell Energy North America (US), L.P.	Fort Drum		E	23780	Watertown	045	36	1989-07-01	58,000	55,600	56,200	Y	ST			BIT			459,978	
Shell Energy North America (US), L.P.	Glen Park Hydro		E	23778	Glen Park	045	36	1986-01-01	32,600	29,700	40,500		HY			WAT			175,762	
Shell Energy North America (US), L.P.	Lockport Cogen GT1		A	23791	Lockport	063	36	1992-07-01	48,700	50,875	55,675	Y	CT			NG	FO2		14,762	(28)
Shell Energy North America (US), L.P.	Lockport Cogen GT2		A	23791	Lockport	063	36	1992-07-01	48,700	50,875	55,675	Y	CT			NG	FO2			
Shell Energy North America (US), L.P.	Lockport Cogen GT3		A	23791	Lockport	063	36	1992-07-01	48,700	50,875	55,675	Y	CT			NG	FO2			
Shell Energy North America (US), L.P.	Lockport Cogen ST1		A	23791	Lockport	063	36	1992-07-01	48,700	50,875	55,675	Y	CW			NG	FO2			
Shell Energy North America (US), L.P.	Munnsville Wind Power		E	323609	Bouckville	053	36	2007-08-20	34,500	3,450	10,350		WT			WND			89,072	(W)
Shell Energy North America (US), L.P.	Niagara Bio-Gen		A	23895	Niagara Falls	063	36	1991-08-01	56,000	47,600	48,400	Y	ST			WD			291,201	
Shell Energy North America (US), L.P.	Rensselaer Cogen		F	23796	Rensselaer	083	36	1993-12-01	103,700	79,000	81,300	Y	CC			NG			4,924	
Sterling Power Partners, L.P.	Sterling		E	23777	Sherrill	065	36	1991-06-01	65,300	50,600	63,900	Y	CC			NG			4,093	
TC Ravenswood, LLC	Ravenswood 01		J	23729	Queens	081	36	1967-07-01	18,600	8,600	9,000	N	GT	C		NG			465	

TABLE III - 2

EXISTING GENERATING FACILITIES

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YYYY-MM-DD	Name Plate Rating (KW)	2009 Capability (kilowatt) Summer	Winter	Co-Gen Y/N	Unit Type	F T	C S	Fuel Type 1	Type 2	Type 3	2008 Net Energy MWh	Notes
TC Ravenswood, LLC	Ravenswood 04	J	24252	Queens	081	36	1970-09-01	21,100	14,100	16,600	N	GT		C	KER	NG		281	
TC Ravenswood, LLC	Ravenswood 05	J	24254	Queens	081	36	1970-08-01	21,100	13,700	17,100	N	GT		C	KER			140	
TC Ravenswood, LLC	Ravenswood 06	J	24253	Queens	081	36	1970-08-01	22,000	15,800	18,800	N	GT		C	KER	NG		274	
TC Ravenswood, LLC	Ravenswood 07	J	24255	Queens	081	36	1970-08-01	22,000	15,700	19,000	N	GT		C	KER	NG		233	
TC Ravenswood, LLC	Ravenswood 08	J	24256	Queens	081	36	1970-07-01	25,000	0	0	N	GT		C	KER	NG		0	
TC Ravenswood, LLC	Ravenswood 09	J	24257	Queens	081	36	1970-07-01	25,000	20,400	22,800	N	GT		C	KER	NG		1,531	
TC Ravenswood, LLC	Ravenswood 10	J	24258	Queens	081	36	1970-08-01	25,000	19,400	25,100	N	GT		C	KER	NG		1,360	
TC Ravenswood, LLC	Ravenswood 11	J	24259	Queens	081	36	1970-08-01	25,000	18,800	24,200	N	GT		C	KER	NG		2,321	
TC Ravenswood, LLC	Ravenswood 2-1	J	24244	Queens	081	36	1970-12-01	42,900	36,200	48,900	N	GT		C	KER	NG		3,684	
TC Ravenswood, LLC	Ravenswood 2-2	J	24245	Queens	081	36	1970-12-01	42,900	37,400	44,500	N	GT		C	KER	NG		2,673	
TC Ravenswood, LLC	Ravenswood 2-3	J	24246	Queens	081	36	1970-12-01	42,900	35,600	46,800	N	GT		C	KER	NG		2,472	
TC Ravenswood, LLC	Ravenswood 2-4	J	24247	Queens	081	36	1970-12-01	42,900	35,300	45,200	N	GT		C	KER	NG		2,375	
TC Ravenswood, LLC	Ravenswood 3-1	J	24248	Queens	081	36	1970-08-01	42,900	37,100	45,200	N	GT		C	KER	NG		2,886	
TC Ravenswood, LLC	Ravenswood 3-2	J	24249	Queens	081	36	1970-08-01	42,900	36,000	45,000	N	GT		C	KER	NG		3,017	
TC Ravenswood, LLC	Ravenswood 3-3	J	24250	Queens	081	36	1970-08-01	42,900	37,700	44,200	N	GT		C	KER	NG		1,353	
TC Ravenswood, LLC	Ravenswood 3-4	J	24251	Queens	081	36	1970-08-01	42,900	35,300	46,300	N	GT		C	KER	NG		1,814	
TC Ravenswood, LLC	Ravenswood CC 04	J	23820	Queens	081	36	2004-05-01	250,000	215,100	265,700	N	CC			NG	FO2		1,653,431	
TC Ravenswood, LLC	Ravenswood ST 01	J	23533	Queens	081	36	1963-02-01	400,000	355,500	357,700	N	ST		A	FO6	NG		624,355	
TC Ravenswood, LLC	Ravenswood ST 02	J	23534	Queens	081	36	1963-05-01	400,000	355,000	354,000	N	ST		A	FO6	NG		573,661	
TC Ravenswood, LLC	Ravenswood ST 03	J	23535	Queens	081	36	1965-06-01	1,027,000	955,200	955,200	N	ST		A	FO6	NG		826,594	
Trigen-Syracuse Energy Corp.	Syracuse Energy ST1	C	323597	Syracuse	067	36	1991-08-01	11,000	11,000	11,000	Y	ST			BIT	FO2		250,753	(29)
Trigen-Syracuse Energy Corp.	Syracuse Energy ST2	C	323598	Syracuse	067	36	1991-08-01	62,000	58,900	58,500	N	ST			BIT	FO2			
Triton Power Company	Chateaugay High Falls	D	323578	Chateaugay	033	36	1987-12-01	3,000	0	0		HY			WAT			8,363	
Western New York Wind Corp.	Western NY Wind Power	B	24143	Wethersfield	121	36	2000-10-01	6,600	0	0		WT			WND			11,370	(W)
Wheelabrator Westchester, LP	Wheelabrator Westchester	H	23653	Peekskill	119	36	1984-04-01	74,500	53,200	53,100	N	ST			REF			400,366	
									38,189,667	**40,554,411**								**144,618,851**	

NOTES FOR TABLE III – 2 (EXISTING GENERATORS)

Note	Owner / Operator	Station Unit	Zone	PTID	Note
1	Astoria Energy, LLC	Astoria East Energy CC1	J	323581	Generation is reported as Station Total.
2	Calpine Energy Service LP	KIAC GT 01 (JFK)	J	23816	Generation is reported as Station Total.
3	Canandaigua Power Partners, LLC	Canandaigua Wind Power	C	323617	Generation (Nov-Dec 2008).
4	Conectiv Energy Supply, Inc.	American Ref-Fuel 1	A	24010	Generation is reported as Station Total.
5	Consolidated Hydro New York, Inc.	Groveville Hydro	G	323602	Generation (Sep-Dec 2008).
6	Constellation Energy Commodities Group, Inc.	High Acres 2	C	23767	Generation (Mar-Dec 2008).
7	Innovative Energy Systems, Inc.	Clinton LFGE	D	323618	Generation (Nov-Dec 2008).
8	Innovative Energy Systems, Inc.	DANC LFGE	E	323619	Generation (Nov-Dec 2008).
9	Innovative Energy Systems, Inc.	Hyland LFGE	B	323620	Generation (Sep-Dec 2008).
10	Jamestown Board of Public Utilities	Jamestown 5	A	1658	Generation is reported as Station Total.
11	Mirant Energy Trading, LLC	Lovett 5 (Retired - 4/30/2008)	G	23593	Generation (Jan-Apr 2008).
12	New York Power Authority	Astoria CC 1	J	323568	Generation is reported as Station Total.
13	New York Power Authority	Lewiston PS	A	23760	Generation includes Moses Niagara & Lewiston.
14	New York State Elec. & Gas Corp.	Broome LFGE	C	323600	Generation (Apr-Dec 2008).
15	Niagara Mohawk Power Corp.	International Paper - Curtis	F	1655	Generation is reported as Station Total.
16	Noble Altona Windpark, LLC	Altona Wind Power	D	323606	Generation (Dec 2008).
17	Noble Bliss Windpark, LLC	Bliss Wind Power	A	323608	Generation (Mar-Dec 2008).
18	Noble Chateaugay Windpark, LLC	Chateaugay Wind Power	D	323614	Generation (Nov-Dec 2008).
19	Noble Clinton Windpark 1, LLC	Clinton Wind Power	D	323605	Generation (Apr-Dec 2008).
20	Noble Ellenburg Windpark, LLC	Ellenburg Wind Power	D	323604	Generation (Mar-Dec 2008).
21	Rochester Gas and Electric Corp.	Allegany GT	B	23514	Generation Reported as a Station Total.
22	Rochester Gas and Electric Corp.	Russell 1 (Retired - 1/31/2008)	B	23602	Generation (Jan 2008).
23	Rochester Gas and Electric Corp.	Russell 2 (Retired - 2/15/2008)	B	23532	Generation (Jan-Feb 2008).
24	Rochester Gas and Electric Corp.	Russell 3 (Retired 4/24/2008)	B	23549	Generation (Jan-Apr 2008).
25	Rochester Gas and Electric Corp.	Russell 4 (Retired 4/1/2008)	B	23556	Generation (Jan-Mar 2008).
26	Seneca Energy II, LLC	Seneca Energy 1	C	23797	Generation is reported as Station Total.
27	Seneca Power Partners, L.P.	Mongaup 1	G	23641	Generation is reported as Station Total.
28	Shell Energy North America (US), L.P.	Lockport Cogen GT1	A	23791	Generation is reported as Station Total.
29	Trigen-Syracuse Energy Corp.	Syracuse Energy ST1	C	323597	Generation is reported as Station Total.
N	Various	New generator	A-E	Various	Unit(s) added since the publication of the 2008 Load and Capacity Data Report.
R	Various	Retired generator	B,C,G	Various	Unit(s) retired since the publication of the 2008 Load and Capacity Data Report.
W	Various	Wind Generators	A-E	Various	Wind Generators - SumCap = 10% of Nameplate, WinCap = 30% of Nameplate.

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

Generator Type		ZONE A	B	C	D	E	F	G	H	I	J	K	TOTAL
		Summer Capability Period (MW) (3)											
Fossil	**Steam Turbine (Oil)**			1,670.9			7.6						**1,678.5**
	Steam Turbine (Oil & Gas)							2,441.8			4,166.8	2,455.3	**9,063.9**
	Steam Turbine (Gas)										839.6	227.7	**1,067.3**
	Steam Turbine (Coal)	1,635.5		652.6		55.6		367.2					**2,710.9**
	Combined Cycle	457.5	109.2	1,268.3	335.1	187.7	2,331.0				2,633.4	382.9	**7,705.1**
	Jet Engine (Oil)											513.2	**513.2**
	Jet Engine (Gas & Oil)											155.6	**155.6**
	Combustion Turbine (Oil)		14.1					16.3			472.7	559.8	**1,062.9**
	Combustion Turbine (Oil & Gas)							84.5			1,373.5	136.6	**1,594.6**
	Combustion Turbine (Gas)	38.7	15.8	84.2							436.5	672.0	**1,247.2**
	Internal Combustion											61.0	**61.0**
Pumped Storage	**Pumped Storage Hydro**	240.0					1,104.6						**1,344.6**
Nuclear	**Steam (PWR Nuclear)**		580.5						2,065.3				**2,645.8**
	Steam (BWR Nuclear)			2,618.3									**2,618.3**
Renewable (1)	**Conventional Hydro**	2,463.1	14.7	94.2	904.4	382.1	310.2	66.0		1.4			**4,236.1**
	Internal Combustion (Methane)	16.0	10.1	33.5	4.6	4.1	4.5					0.6	**73.4**
	Steam Turbine (Wood)	47.6			18.6	19.8							**86.0**
	Steam Turbine (Refuse)	35.5		31.6			0.0	7.8	53.2			120.3	**248.4**
	Wind (2)	12.1	0.0	0.0	28.0	36.8							**76.8**
	Totals	**4,946.0**	**744.4**	**6,453.6**	**1,290.7**	**686.1**	**3,757.9**	**2,983.6**	**2,118.5**	**1.4**	**9,922.5**	**5,285.0**	**38,189.7**

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

(2) - Wind Generators - Summer Rating = 10% of Nameplate.

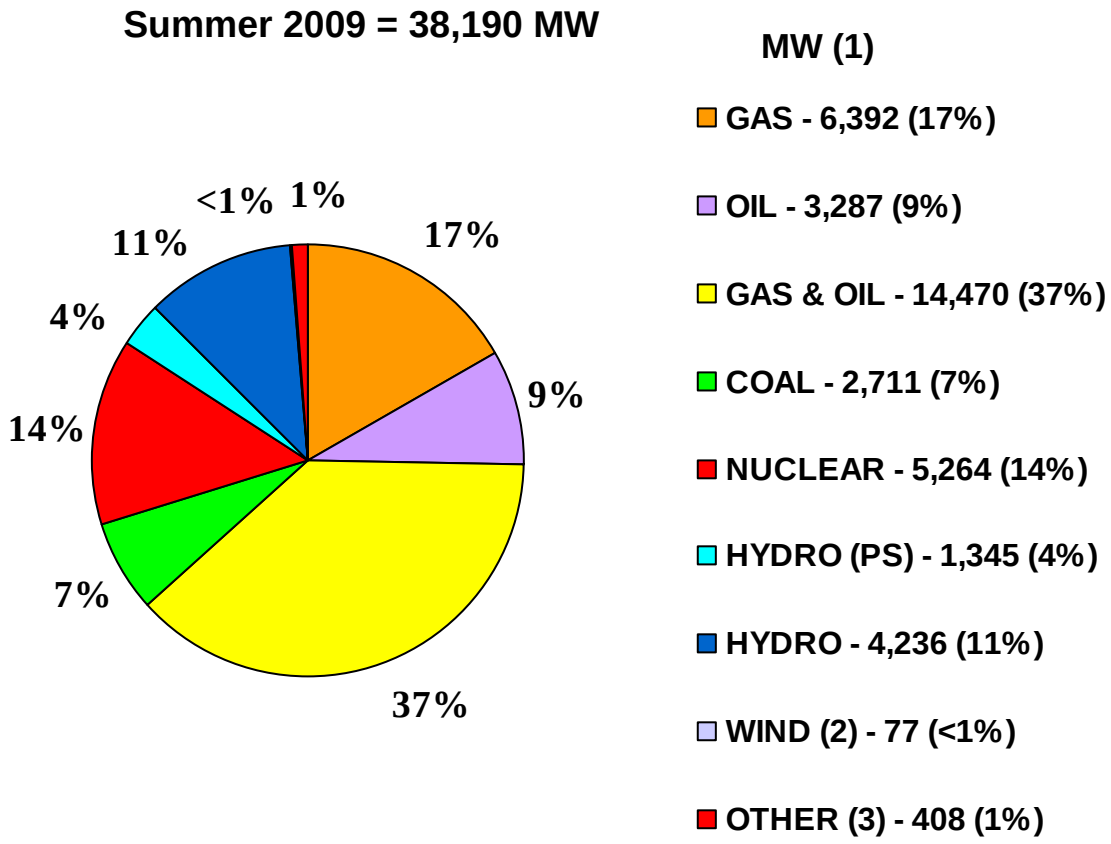
(3) - Values are from the Summer Capability column in Table III-2: Existing Generators.

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

Generator Type		ZONE A	B	C	D	E	F	G	H	I	J	K	TOTAL
							Winter Capability Period (MW) (3)						
Fossil	Steam Turbine (Oil)			1,695.2			7.7						**1,702.9**
	Steam Turbine (Oil & Gas)							2,427.9			4,159.2	2,393.2	**8,980.3**
	Steam Turbine (Gas)										851.0	220.2	**1,071.2**
	Steam Turbine (Coal)	1,632.1		654.3		56.2		370.7					**2,713.3**
	Combined Cycle	512.4	124.1	1,477.3	332.9	216.9	2,754.2				3,005.8	441.2	**8,864.8**
	Jet Engine (Oil)											651.5	**651.5**
	Jet Engine (Gas & Oil)											201.3	**201.3**
	Combustion Turbine (Oil)		18.0					22.0			640.8	713.3	**1,394.1**
	Combustion Turbine (Oil & Gas)							106.1			1,811.0	156.1	**2,073.2**
	Combustion Turbine (Gas)	47.0	18.0	103.4							442.3	744.0	**1,354.7**
	Internal Combustion											60.8	**60.8**
Pumped Storage	Pumped Storage Hydro	240.0					1,107.9						**1,347.9**
Nuclear	Steam (PWR Nuclear)		580.7						2,076.7				**2,657.4**
	Steam (BWR Nuclear)			2,644.4									**2,644.4**
Renewable (1)	Conventional Hydro	2,445.2	14.7	107.1	842.5	399.5	317.1	67.0		1.7			**4,194.8**
	Internal Combustion (Methane)	16.0	10.5	33.9	4.6	4.1	4.5					1.5	**75.1**
	Steam Turbine (Wood)	48.4			18.3	19.6							**86.3**
	Steam Turbine (Refuse)	35.0		31.8			0.0	8.3	53.1			121.7	**249.9**
	Wind (2)	36.3	0.0	0.0	83.9	110.3							**230.5**
	Totals	**5,012.4**	**766.0**	**6,747.4**	**1,282.1**	**806.6**	**4,191.4**	**3,002.0**	**2,129.8**	**1.7**	**10,910.1**	**5,704.8**	**40,554.4**

(1) - The Renewable Category does not necessarily match the New York State Renewable Portfolio Standard (RPS) Definition.
(2) - Wind Generators - Winter Rating = 30% of Nameplate.
(3) - Values are from the Winter Capability column in Table III-2: Existing Generators.

Figure III-1: 2009 NYCA Capability by Fuel Type

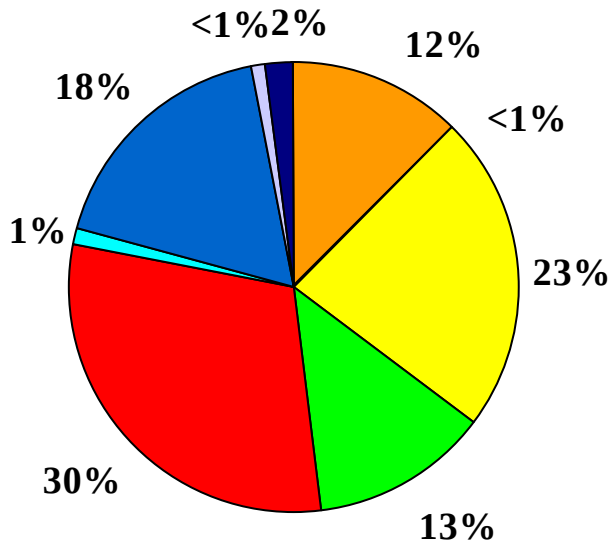


(1) - All values are from the Summer Capability column in Table III-2 and are rounded to the nearest whole MW.
(2) – Wind Generators - Summer Rating = 10% of Nameplate
(3) - Includes Methane, Refuse, Solar & Wood
(PS) - Pumped Storage

Figure III-2: 2008 NYCA Generation by Fuel Type

Total 2008 = 144,619 GWh

Renewable Resources (3)
Conventional Hydro 18%
Wind <1%
Other 2%
Total >20%

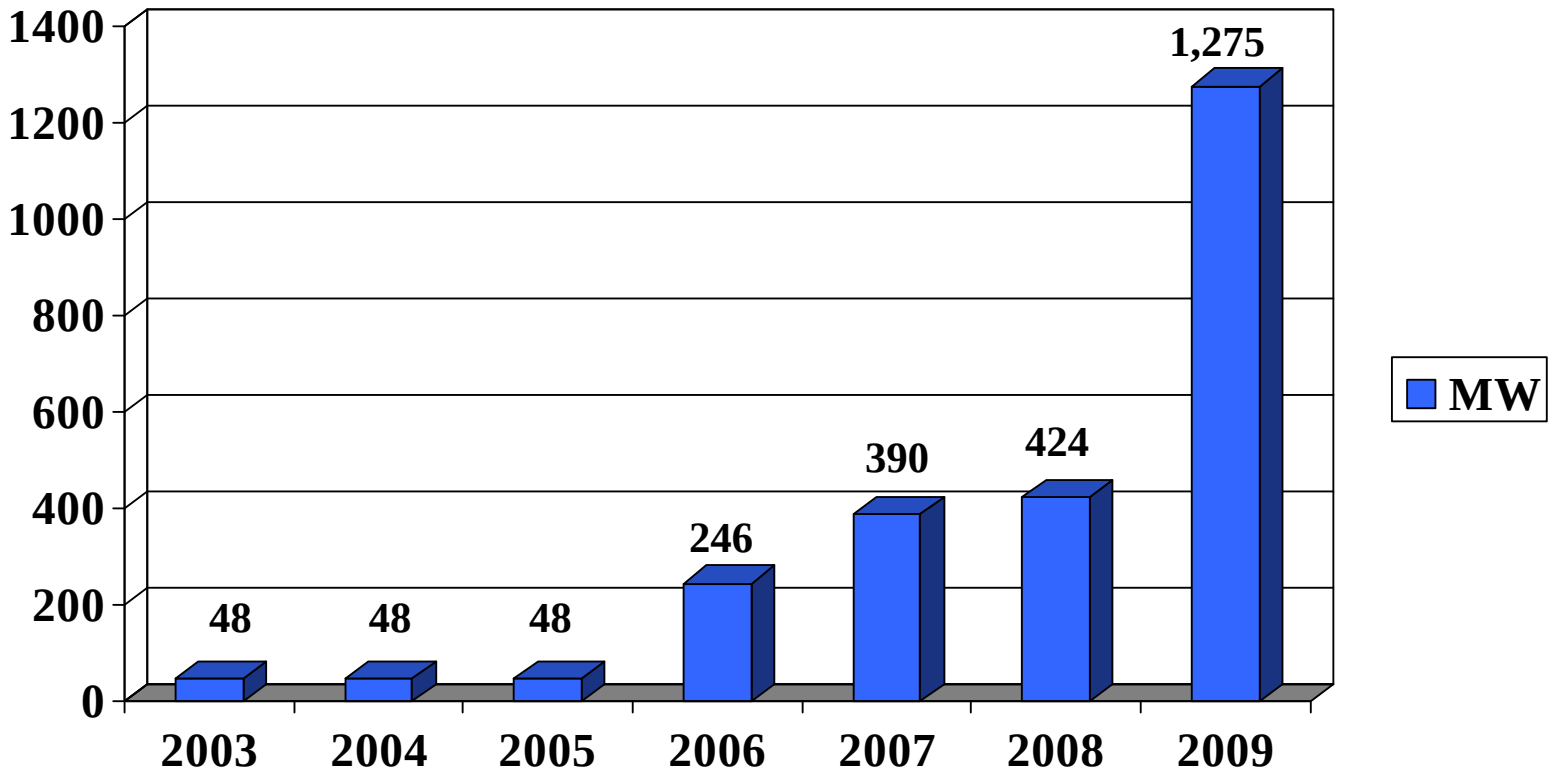


GWh (1)

- GAS - 17,949 (12%)
- OIL - 294 (<1%)
- GAS & OIL - 32,602 (23%)
- COAL - 18,790 (13%)
- NUCLEAR - 43,203 (30%)
- HYDRO (PS) - 1,790 (1%)
- HYDRO - 25,711 (18%)
- WIND - 1,282 (<1%)
- OTHER (2) - 2,996 (2%)

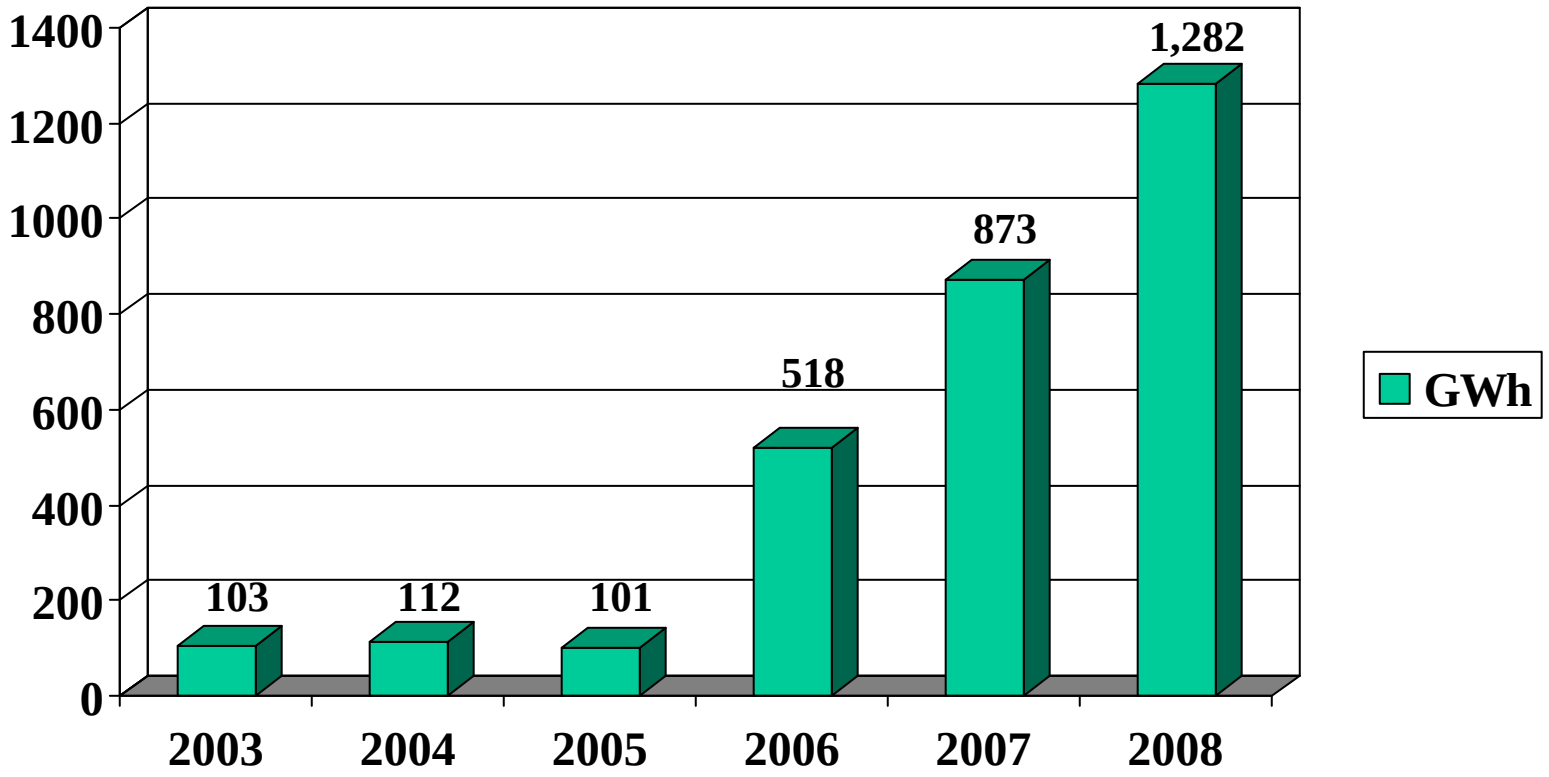
(1) - All values are rounded to the nearest whole GWh.
(2) - Includes Methane, Refuse, Solar & Wood
(3) – Renewable Resources do not necessarily match the NYS Renewable Portfolio Standard (RPS) Definition
(PS) – Pumped Storage. This value is estimated because some PS units are reported as part of the total Hydro facility.

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



*Installed MW values are as of March for the given year.

Figure III-3b: NYCA Wind Plants – Historic Generation



SECTION IV:

PROPOSED CHANGES IN GENERATING CAPACITY
AS OF MARCH 2009

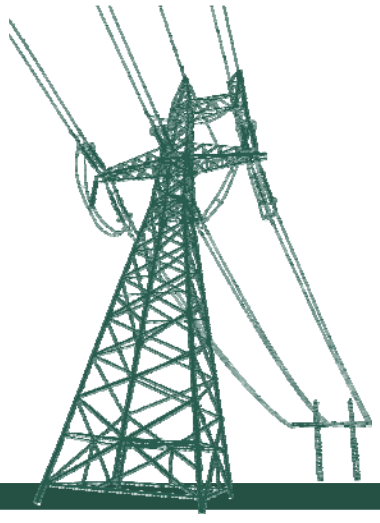


Table IV-1: Proposed Generator Additions

QUEUE POS.	OWNER / OPERATOR	STATION UNIT	ZONE	DATE	Rating (MW)	SUMMER (1)	WINTER (1)	UNIT TYPE	Class Year	Notes
		Completed Class Year Facilities Study								
107	Caithness Long Island, LLC	Caithness Long Island	K	2009/06	310.0	310.0	310.0	Combined Cycle	2006	(2)
113	Windfarm Prattsburgh, LLC	Prattsburgh Wind Park	C	2009/11	55.5	5.6	16.7	Wind Turbines	2003-05	(2)
147	NY Windpower, LLC	West Hill Windfarm	C	2009/11	37.5	3.8	11.3	Wind Turbines	2006	
156	PPM Energy/Atlantic Renewable	Fairfield Wind Project	E	2009/12	120.0	12.0	36.0	Wind Turbines	2006	
186	Community Energy	Jordanville Wind	E	2009/12	80.0	8.0	24.0	Wind Turbines	2006	
166	Acciona Energy NY, LLC	St. Lawrence Wind Farm	E	2009/12	130.0	13.0	39.0	Wind Turbines	2007	(3)
161	Marble River, LLC	Marble River Wind Farm	D	2009/Q4	84.0	8.4	25.2	Wind Turbines	2006	
171	Marble River, LLC	Marble River II Wind Farm	D	2009/Q4	132.3	13.2	39.7	Wind Turbines	2006	
213	Noble Environmental Power, LLC	Ellenburg II Windfield	D	2009	21.0	2.1	6.3	Wind Turbines	2007	(3) (2)
182	Howard Wind, LLC	Howard Wind	C	2009	62.5	6.3	18.8	Wind Turbines	2007	(3)
69	Empire Generating Company, LLC	Empire State Newsprint	F	2010/02	660.0	660.0	660.0	Combined Cycle	2003-05	(2)
31	SCS Energy, LLC	Astoria Energy (Phase 2)	J	2010/05	500.0	500.0	500.0	Combined Cycle	2001	(4)
119	ECOGEN, LLC	Prattsburgh Wind Farm	C	2010/09	79.5	8.0	23.9	Wind Turbines	2003-05	
19	NYC Energy LLC	NYC Energy LLC	J	2010/Q4	79.9	79.9	79.9	Combustion Turbine(s)	2002	
		Class 2008 Projects - (study in progress)								
152	Moresville Energy, LLC	Moresville Energy Center	E	2009/12	99.0	9.9	29.7	Wind Turbines		
178	Noble Allegany Windpark, LLC	Allegany Windfield	A	2009/12	100.5	10.1	30.2	Wind Turbines		
197	PPM Energy, Inc.	Tug Hill	E	2009/12	78.0	7.8	23.4	Wind Turbines		
207	BP Alternative Energy NA, Inc.	Cape Vincent	E	2009/Q4	210.0	21.0	63.0	Wind Turbines		
239A	Innovative Energy Systems Inc.	Modern Innovative Plant	A	2009/Q4	6.4	6.4	6.4	Methane		
160	Jericho Rise Wind Farm, LLC	Jericho Rise Wind Farm	D	2009-2011	79.2	7.9	23.8	Wind Turbines		
169	Alabama Ledge Wind Farm, LLC	Alabama Ledge Wind Farm	B	2009-2011	79.2	7.9	23.8	Wind Turbines		
90	Fortistar, LLC	Fortistar VP	J	2010/Q2	79.9	79.9	79.9	Combustion Turbine(s)		
91	Fortistar, LLC	Fortistar VAN	J	2010/Q2	79.9	79.9	79.9	Combustion Turbine(s)		
198	New Grange Wind Farm, LLC	Arkwright Summit	A	2010	79.9	8.0	24.0	Wind Turbines		
		Class 2009 Candidates								
222	Noble Environmental Power, LLC	Ball Hill	A	2009/Q3	90.0	9.0	27.0	Wind Turbines		
155	Invenergy NY, LLC	Canisteo Hills Wind	C	2009/12	149.0	14.9	44.7	Wind Turbines		
203	GenWy Wind, LLC	GenWy Wind	A	2009/12	478.5	47.9	143.6	Wind Turbines		
245	Innovative Energy Systems Inc.	Fulton County Landfill	F	2009	3.2	3.2	3.2	Methane		
270	Babcock & Brown, LP	Hounsfield Wind	E	2010/09	268.8	26.9	80.6	Wind Turbines		
142	EC&R Northeast, LLC	Steuben Wind	C	2010/11	50.0	5.0	15.0	Wind Turbines		
232	Bayonne Energy Center, LLC	Bayonne Energy Center	J	2010/12	512.5	512.5	512.5	Dual Fuel		
251	CPV Valley, LLC	CPV Valley	G	2012/05	630.0	630.0	630.0	Combustion Turbine(s)		
201	NRG Energy, Inc.	Berrians GT	J	2012/06	200.0	200.0	200.0	Combined Cycle		
266	NRG Energy, Inc.	Berrians GT III	J	2012/06	789.0	789.0	789.0	Combustion Turbine(s)		
		Other Non-Class Generators								
204A	Windhorse Power, LLC	Windhorse Beekmantown	D	2009/02	19.5	2.0	5.9	Wind Turbines		
237A	Chautauqua County	Chautauqua Landfill	A	2009/08	6.4	6.4	6.4	Methane		
250	Seneca Energy II, LLC	Ontario	B	2009/10	6.4	6.4	6.4	Methane		
180A	Green Power	Cody Road	C	N/A	9.0	0.9	2.7	Wind Turbines		
	Riverbay Corporation	Co-op City	J	2009/6	40.0	24.0	24.0	Combined Cycle		(2)
					Total	**4,147**	**4,665**			

Notes:

(1) The above capability values for wind generation projects reflect expected values of 10% of nameplate for summer capability and 30% of nameplate for winter capability.

(2) Projects that have met Base Case inclusion rules as described in the Comprehensive Reliability Planning Process (CRPP) manual, Section 4.1, and projects that are included as new additions in this year's Load and Capacity Schedule, Table V-2.

(3) Class 2007 has been completed relative to System Upgrade Facilities. However, evaluation of Deliverability for Class 2007 is still in progress.

(4) The System Reliability Impact Study (SRIS) is in the process of being updated. An additional SRIS study is being conducted for 640 MW at 345 kV.

Table IV-2: Proposed Generator Reratings

QUEUE POS.	OWNER / OPERATOR	STATION UNIT	ZONE	DATE	PTID	Class Year	*INCREMENTAL CAPABILITY (MW)* Rating (MW)	SUMMER (1)	WINTER (1)	*TOTAL CAPABILITY (MW) (2)* Rating (MW)	SUMMER (1)	WINTER (1)	Notes
233	Erie Boulevard Hydro Power, LLC	Sherman Island Uprate	F	3/1/2009	24058	2008	8.5	8.5	8.5	38.8	40.4	41.0	(3)
185	New York Power Authority	Blenheim-Gilboa Plant Unit 3	F	6/1/2009	23758	2007	30.0	30.0	30.0	308.0	291.2	292.0	(3)
231	Seneca Energy II, LLC	Seneca Energy	C	7/1/2009	23797	2008	6.4	6.4	6.4	24.4	23.0	23.1	(3)
234	Steel Winds, LLC	Steel Winds II	A	12/1/2009	323596	2008	45.0	4.5	13.5	65.0	6.5	19.5	(3)
185	New York Power Authority	Blenheim-Gilboa Plant Unit 4	F	6/1/2010	23759	2007	30.0	30.0	30.0	308.0	291.5	292.7	(3)
216	Nine Mile Point Nuclear, LLC	Nine Mile Pt2	C	7/1/2010	23744	2008	168.0	168.0	168.0	1,427.3	1,310.7	1,316.0	(3)
127A	Airtricity Developments, LLC	Munnsville Wind Power	E	10/1/2012	323609	2006	6.0	0.6	1.8	40.5	4.1	12.2	(3)
						Total	**293.9**	**248.0**	**258.2**	**2,212.0**	**1,967.4**	**1,996.5**	

Notes:

(1) The above capability values for wind generation projects reflect expected values of 10% of nameplate for summer capability and 30% of nameplate for winter capability.

(2) Total capability values include current and incremental capability values.

(3) Projects that have met Base Case inclusion rules as described in the Comprehensive Reliability Planning Process (CRPP) manual, Section 4.1, and projects that are included as new reratings in this year's Load and Capacity Schedule, Table V-2.

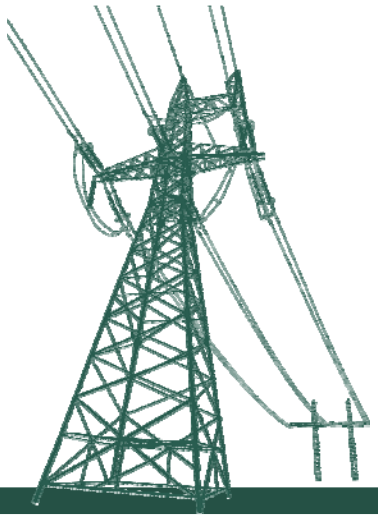
Source: Interconnection Queue, Facilities Studies

Table IV-3: Generator Retirements

OWNER / OPERATOR	STATION	UNIT	ZONE	DATE	PTID	CAPABILITY (MW) SUMMER	CAPABILITY (MW) WINTER	REASON FOR RETIREMENT
Scheduled Retirements								
New York Power Authority	Poletti 1		J	2/1/2010	23519	-890.0	-890.5	Station Replacement
Source: Reliability Needs Assessment (RNA), Public Service Commission (PSC) retirement notifications								
Note: All Scheduled Retirements have met Base Case inclusion rules as described in the Comprehensive Reliability Planning Process (CRPP) manual, Section 4.1, and are included as new retirements in this year's Load and Capacity Schedule, Table V-2.								
Proposed Retirements								
NRG Power, Inc.	Astoria GT 05		J	1/1/2013	24106	-13.1	-14.9	
NRG Power, Inc.	Astoria GT 07		J	1/1/2013	24107	-11.3	-15.2	
NRG Power, Inc.	Astoria GT 08		J	1/1/2013	24108	-11.9	-14.9	
NRG Power, Inc.	Astoria GT 10		J	1/1/2013	24110	-17.7	-24.7	
NRG Power, Inc.	Astoria GT 11		J	1/1/2013	24225	-19.2	-24.3	
NRG Power, Inc.	Astoria GT 12		J	1/1/2013	24226	-18.6	-26.8	
NRG Power, Inc.	Astoria GT 13		J	1/1/2013	24227	-17.5	-12.3	
Source: Reliability Needs Assessment (RNA)					Total	**-109.3**	**-133.1**	
Units retired since publication of 2008 Load and Capacity Data								
Mirant Corporation	Lovett 5		G	4/19/2008	23593	-182.9	-185.2	Environmental Restrictions
Rochester Gas and Electric Corporation	Russell Station 3		B	4/24/2008	23549	-41.7	-48.5	
Rochester Gas and Electric Corporation	Russell Station 4		B	4/1/2008	23556	-77.7	-80.2	
Onondaga Cogeneration, LP	Onondaga Cogen		C	5/1/2008	23986	-78.3	-87.1	
					Total	**-380.6**	**-401.0**	

SECTION V:

PROPOSED SYSTEM RESOURCE CAPACITY AS OF MARCH 2009



Load and Capacity Schedule Description

The peak demand shown is for the New York Control Area (NYCA), which includes the load of the New York investor owned utilities, the New York Power Authority (NYPA), the Long Island Power Authority (LIPA), the Municipal Electric Systems and the load of other load serving entities. These load serving entities include Transmission System customers that have opted for retail access programs being offered by the New York investor owned utilities, LIPA and partial requirements customers of NYPA.

Table III-2: Existing Generators reports the nameplate rating and seasonal capability of each generating facility. Energy-only or black start units display a nameplate rating but have zero values for summer and winter capabilities. Intermittent generators, such as wind, are reported with a nameplate rating and an expected value for summer and winter capability that is based upon the 2003 NYSERDA Wind Study. The expected value of 10% is used for summer capability for upstate wind projects and 30% for off-shore wind projects. The winter expected capability based upon the study is 30%. The existing generating facilities summarized in Tables V-2a & V-2b are based on summer and winter capability, not nameplate rating, for all generating facilities.

Special Case Resources, which are interruptible load customers and distributed generation resources, have been included with a historically-based growth projection for 2009. The projection of Special Case Resources beyond 2009 contains significant uncertainty and is therefore held constant over the remaining horizon. The inclusion of Special Case Resources in this manner is an appropriate conservative assumption for planning purposes as these resources can be added or removed with short lead times and will be driven by market conditions.

Definitions of Labels on Load and Capacity Schedule

Special Case Resources (SCRs)	Distributed generation and interruptible load customers
Additions	Expected generating additions prior to the seasonal peak demand.
Reratings	Generator reratings prior to the seasonal peak demand.
Retirements	Generating retirements prior to the seasonal peak demand.
NYCA Resource Capability	Summation of above plus all existing generation listed by type.
Net Purchases and Sales	Net value of transactions with neighboring control areas.
Unforced Deliverability Rights (UDRs)	Controllable transmission projects that provide a transmission interface into NYCA
Total Resource Capability	The sum of NYCA Resource Capability and Purchases minus Sales.
Peak Demand Forecast	Forecasted Peak Demand before EDRP.
Expected Reserve	Total Resource Capability minus Peak Demand.
Reserve Margin %	Calculated margin of Expected Reserve divided by Peak Demand expressed as a percent.
Proposed Resource Changes	Includes all proposed generator additions, reratings and retirements from Section IV, except those that have met Base Case inclusion rules as described in the Comprehensive Reliability Planning Process (CRPP) manual, Section 4.1.
Adjusted Resource Capability	The Total Resource Capability plus Proposed Resource Changes.
Adjusted Expected Reserve	Adjusted Resource Capability minus Peak Demand.
Adjusted Reserve Margin %	Calculated margin of Adjusted Expected Reserve divided by Peak Demand expressed as a percent.

Table V-1: Summary of Transactions External to NYCA

SUMMER NET PURCHASES & SALES

MEGAWATT (1) (2)

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
77.2	-123.8	-205.6	510.2	510.2	460.2	460.2	460.2	460.2	460.2	460.2

WINTER NET PURCHASES & SALES

MEGAWATT (1) (2)

2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
84.9	-116.1	-198.3	517.5	517.5	467.5	467.5	467.5	467.5	467.5	467.5

(1) - Figures reflect the use of Unforced Capacity Deliverability Rights (UDRs) as currently known. For more information on the use of UDRs, please see section 4.14 of the ICAP Manual.

(2) - Negative Net Purchases and Sales values represent higher total Sales out of NYCA than total Purchases into NYCA.

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

		MEGAWATT											
	SUMMER CAPABILITY	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**Totals**
Fossil	Steam Turbine (Oil)	1678.5	1678.5	1678.5	1678.5	1678.5	1678.5	1678.5	1678.5	1678.5	1678.5	1678.5	
	Steam Turbine (Oil & Gas)	9063.9	9063.9	8173.9	8173.9	8173.9	8173.9	8173.9	8173.9	8173.9	8173.9	8173.9	
	Steam Turbine (Gas)	1067.3	1067.3	1067.3	1067.3	1067.3	1067.3	1067.3	1067.3	1067.3	1067.3	1067.3	
	Steam Turbine (Coal)	2710.9	2710.9	2710.9	2710.9	2710.9	2710.9	2710.9	2710.9	2710.9	2710.9	2710.9	
	Combined Cycle	7705.1	8039.1	8699.1	8699.1	8699.1	8699.1	8699.1	8699.1	8699.1	8699.1	8699.1	
	Jet Engine (Oil)	513.2	513.2	513.2	513.2	513.2	513.2	513.2	513.2	513.2	513.2	513.2	
	Jet Engine (Gas & Oil)	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	155.6	
	Combustion Turbine (Oil)	1062.9	1062.9	1062.9	1062.9	1062.9	1062.9	1062.9	1062.9	1062.9	1062.9	1062.9	
	Combustion Turbine (Oil & Gas)	1594.6	1594.6	1594.6	1594.6	1594.6	1594.6	1594.6	1594.6	1594.6	1594.6	1594.6	
	Combustion Turbine (Gas)	1247.2	1247.2	1247.2	1247.2	1247.2	1247.2	1247.2	1247.2	1247.2	1247.2	1247.2	
	Internal Combustion	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	
Pumped Storage	Pumped Storage Hydro	1344.6	1374.6	1404.6	1404.6	1404.6	1404.6	1404.6	1404.6	1404.6	1404.6	1404.6	
Nuclear	Steam (PWR Nuclear)	2645.8	2645.8	2645.8	2645.8	2645.8	2645.8	2645.8	2645.8	2645.8	2645.8	2645.8	
	Steam (BWR Nuclear)	2618.3	2618.3	2618.3	2786.3	2786.3	2786.3	2786.3	2786.3	2786.3	2786.3	2786.3	
Renewable (5)	Conventional Hydro	4236.1	4244.6	4244.6	4244.6	4244.6	4244.6	4244.6	4244.6	4244.6	4244.6	4244.6	
	Internal Combustion (Methane)	73.4	73.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
	Steam Turbine (Wood)	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	
	Steam Turbine (Refuse)	248.4	248.4	248.4	248.4	248.4	248.4	248.4	248.4	248.4	248.4	248.4	
	Wind (6)	76.8	78.9	89.0	89.0	89.0	89.6	89.6	89.6	89.6	89.6	89.6	
	Special Case Resources - SCR (3)	1936.0	1936.0	1936.0	1936.0	1936.0	1936.0	1936.0	1936.0	1936.0	1936.0	1936.0	
Changes	Additions	336.1	665.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1001.7**
	Reratings	38.5	40.9	168.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	**248.0**
	Retirements	0.0	-890.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**-890.0**
	NYCA RESOURCE CAPABILITY	40500.2	40316.7	40484.7	40484.7	40485.3	40485.3	40485.3	40485.3	40485.3	40485.3	40485.3	
Contracts	Net Purchases and Sales (1) (7)	77.2	-123.8	-205.6	510.2	510.2	460.2	460.2	460.2	460.2	460.2	460.2	
	TOTAL RESOURCE CAPABILITY	40577.4	40192.9	40279.1	40994.9	40995.5	40945.5	40945.5	40945.5	40945.5	40945.5	40945.5	
	BASE FORECAST												
	Peak Demand Forecast	33452.0	33441.0	33693.0	33906.0	34080.0	34309.0	34483.0	34809.0	35103.0	35450.0	35792.0	
	Expected Reserve	7125.4	6751.9	6586.1	7088.9	6915.5	6636.5	6462.5	6136.5	5842.5	5495.5	5153.5	
	Reserve Margin % (4)	21.3	20.2	19.5	20.9	20.3	19.3	18.7	17.6	16.6	15.5	14.4	
	Proposed Resource Changes (2)	20.4	894.0	1526.2	3145.2	3035.9	3035.9	3035.9	3035.9	3035.9	3035.9	3035.9	
	Adjusted Resource Capability	40597.8	41086.9	41805.3	44140.1	44031.4	43981.4	43981.4	43981.4	43981.4	43981.4	43981.4	
	Adjusted Expected Reserve	7145.8	7645.9	8112.3	10234.1	9951.4	9672.4	9498.4	9172.4	8878.4	8531.4	8189.4	
	Adjusted Reserve Margin %	21.4	22.9	24.1	30.2	29.2	28.2	27.5	26.4	25.3	24.1	22.9	

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

MEGAWATT

	WINTER CAPABILITY	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	Totals
Fossil	Steam Turbine (Oil)	1702.9	1702.9	1702.9	1702.9	1702.9	1702.9	1702.9	1702.9	1702.9	1702.9	1702.9	
	Steam Turbine (Oil & Gas)	8980.3	8980.3	8089.8	8089.8	8089.8	8089.8	8089.8	8089.8	8089.8	8089.8	8089.8	
	Steam Turbine (Gas)	1071.2	1071.2	1071.2	1071.2	1071.2	1071.2	1071.2	1071.2	1071.2	1071.2	1071.2	
	Steam Turbine (Coal)	2713.3	2713.3	2713.3	2713.3	2713.3	2713.3	2713.3	2713.3	2713.3	2713.3	2713.3	
	Combined Cycle	8864.8	9198.8	9858.8	9858.8	9858.8	9858.8	9858.8	9858.8	9858.8	9858.8	9858.8	
	Jet Engine (Oil)	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5	
	Jet Engine (Gas & Oil)	201.3	201.3	201.3	201.3	201.3	201.3	201.3	201.3	201.3	201.3	201.3	
	Combustion Turbine (Oil)	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	1394.1	
	Combustion Turbine (Oil & Gas)	2073.2	2073.2	2073.2	2073.2	2073.2	2073.2	2073.2	2073.2	2073.2	2073.2	2073.2	
	Combustion Turbine (Gas)	1354.7	1354.7	1354.7	1354.7	1354.7	1354.7	1354.7	1354.7	1354.7	1354.7	1354.7	
	Internal Combustion	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	
Pumped Storage	Pumped Storage Hydro	1347.9	1377.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	1407.9	
Nuclear	Steam (PWR Nuclear)	2657.4	2657.4	2657.4	2657.4	2657.4	2657.4	2657.4	2657.4	2657.4	2657.4	2657.4	
	Steam (BWR Nuclear)	2644.4	2644.4	2812.4	2812.4	2812.4	2812.4	2812.4	2812.4	2812.4	2812.4	2812.4	
Renewable (5)	Conventional Hydro	4194.8	4203.3	4203.3	4203.3	4203.3	4203.3	4203.3	4203.3	4203.3	4203.3	4203.3	
	Internal Combustion (Methane)	75.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	
	Steam Turbine (Wood)	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
	Steam Turbine (Refuse)	249.9	249.9	249.9	249.9	249.9	249.9	249.9	249.9	249.9	249.9	249.9	
	Wind (6)	230.5	266.9	266.9	266.9	268.7	268.7	268.7	268.7	268.7	268.7	268.7	
Changes	Additions	357.0	660.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1017.0**
	Reratings	58.4	198.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**258.2**
	Retirements	0.0	-890.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**-890.5**
	NYCA RESOURCE CAPABILITY	40969.7	40937.2	40937.2	40939.0	40939.0	40939.0	40939.0	40939.0	40939.0	40939.0	40939.0	
Contracts	Net Purchases and Sales (1) (7)	84.9	-116.1	-198.3	517.5	517.5	467.5	467.5	467.5	467.5	467.5	467.5	
	TOTAL RESOURCE CAPABILITY	41054.6	40821.1	40738.9	41456.5	41456.5	41406.5	41406.5	41406.5	41406.5	41406.5	41406.5	
	BASE FORECAST												
	Peak Demand Forecast	24998.0	24971.0	25020.0	25094.0	25285.0	25414.0	25517.0	25687.0	25859.0	26038.0	26232.0	
	Expected Reserve	16056.6	15850.1	15718.9	16362.5	16171.5	15992.5	15889.5	15719.5	15547.5	15368.5	15174.5	
	Reserve Margin % (4)	64.2	63.5	62.8	65.2	64.0	62.9	62.3	61.2	60.1	59.0	57.8	

(1) - Purchases & Sales are with neighboring Control Areas. Negative Net Purchases and Sales values represent higher total Sales out of NYCA than total Purchases into NYCA.

(2) - Proposed Resource Changes - Includes all proposed generator additions, reratings and retirements from Section IV, except those that have met Base Case inclusion rules as described in the Comprehensive Reliability Planning Process (CRPP) manual, Section 4.1. Total net capacity is shown.

(3) - Special Case Resources (SCR) are loads capable of being interrupted upon demand and distributed generators that are not visible to the ISO's Market Information System and that are subject to special rules in order to participate as Installed Capacity suppliers.

(4) - The current Installed Reserve Margin requirement for the 2009-2010 Capability Year is 16.5%.

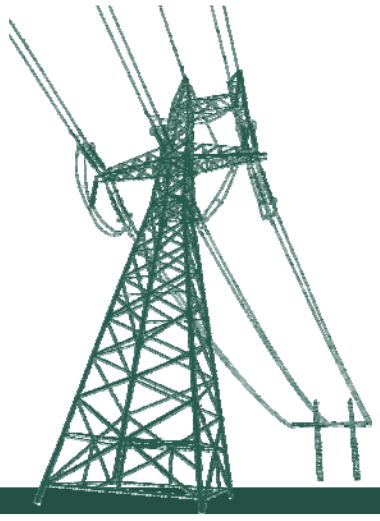
(5) - The Renewable Category does not necessarily match the New York State Renewable Portfolio Standard (RPS) Definition.

(6) - Existing wind generators are listed at their seasonal capability rating.

(7) - Figures reflect the use of Unforced Capacity Delivery Rights (UDRs) as currently known. For more information on the use of UDRs, please see Section 4.14 of the ICAP Manual.

SECTION VI:

EXISTING TRANSMISSION AS OF JANUARY 1, 2009



Section VI

This section contains the updated list of existing transmission facilities as provided by each Transmission Owner operating in the NYCA. The information in Table VI-1 is redacted as it may contain Critical Energy Infrastructure Information. A version of the 2009 Gold Book that includes this table is available to individuals with a myNYISO account. To request a myNYISO account, please visit:

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

Table VI-2: Mileage of Existing Transmission Facilities

TABULATION OF CIRCUIT MILES OF EXISTING FACILITIES
VOLTAGE LEVEL - OVERHEAD AND UNDERGROUND

Facilities by kV Class	115 kV		138 kV		230 kV		345 kV		500 kV	765 kV	150 kV DC	500 kV DC
Overhead (OH) Underground (UG)	OH	UG	OH	UG	OH	UG	OH	UG	OH	OH	UG	UG
CENTRAL HUDSON GAS & ELECTRIC CORPORATION	228.38	4.19	0.00	0.00	0.00	0.00	76.08	0.00	0.00	0.00		
CONSOLIDATED EDISON	0.00	0.00	22.00	210.08 **(a)**	0.38	0.00	395.47 **(b)**	165.85	5.37	0.00		
LONG ISLAND POWER AUTHORITY	0.00	0.00	244.92	147.20 **(e)**	0.00	0.00	0.00	9.30 **(g)**	0.00	0.00	24.00	66.00 **(g)**
NEW YORK POWER AUTHORITY	52.06 **(f)**	1.63	0.00	0.00	328.60	0.00	882.20 **(f)**	43.50	0.00	154.89		
NEW YORK STATE ELECTRIC & GAS CORP.	1424.04	7.51	0.00	0.00	233.25	0.00	550.09	0.00	0.00	0.00		
NATIONAL GRID	4026.29	22.93	0.00	0.00	497.61	20.02	688.22	0.39	0.00	0.00		
ORANGE AND ROCKLAND UTILITIES INC.	0.00	0.00	87.70	2.33 **(a)**	0.00	0.00	47.44 **(b)**	3.44 **(d)**	0.00	0.00		
ROCHESTER GAS AND ELECTRIC CORPORATION	239.84	28.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TOTALS BY kV CLASS (c)	**5,970.61**	**64.28**	**354.62**	**358.21**	**1,059.84**	**20.02**	**2,592.06**	**222.48**	**5.37**	**154.89**	**24.00**	**66.00**

TOTAL OVERHEAD	=	10,137.39	(c)
TOTAL UNDERGROUND	=	754.99	(c)
TOTAL	=	10,892.38	(c)

Notes:
(a) 1.40 circuit miles of transmission jointly owned by Con Ed and Orange & Rockland
(b) 47.44 circuit miles of transmission jointly owned by Con Ed and Orange & Rockland
(c) These totals reflect the appropriate adjustments for jointly owned facilities (footnotes: a,b)
(d) 3.44 circuit miles is owned by Southern Energy, Inc. as indicated in the list of existing transmission facilities
(e) Does not include 5.01 miles of single conductor spare cable from Northport to the middle of Long Island Sound.
Additional 4.1 miles energized in 1983 is part of an existing cable circuit between Ruland Rd. and Bethpage.
(f) 21.27 circuit miles (115kV) is owned by Alcoa and 0.5 miles (345 kV) is owned by Entergy as indicated in the list of existing transmission facilities
(g) 67.7 circuit miles are owned by NRTS-Neptune Regional Transmission as indicated in the list of existing transmission facilities

SECTION VII:

PROPOSED TRANSMISSION ADDITIONS AS OF JANUARY 1, 2009

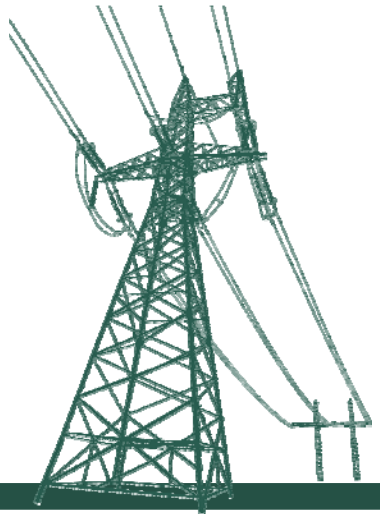


Table VII-1: Proposed Transmission Facilities

Queue Pos.	Transmission Owner	Terminals		Line Length miles (1)	Expected Service Date/Yr Prior to (2)	Year	Nominal Voltage in kV Operating	Design	# of ckts	Thermal Ratings in Amperes Summer	Winter	Project Description / Conductor Size	Class Year / Type of Construction
	Merchant												
125	East Coast Power, LLC	PSE&G 230 kV	Goethals 345 kV via Linden Cogen 345kV			2009	345	345		300 MW	300 MW	Variable Frequency Transformer	2006
191	New York Regional	Edic 345 kV	Rock Tavern 345kV			2012	345	345		1200 MW	1200 MW	HVDC	2009 (3)
206	Hudson Transmission Partners	Bergen 230 kV (New Jersey)	West 49th Street 345kV			2011	230	345		660 MW	660 MW	back- to- back AC/DC/AC converter, 345 kV AC cable	2008
210	Canadian Niagara Power, Inc.	CNP # 18 115kV	Huntley Station 115kV			2012	115	115		150 MW	150 MW	Inter - tie	2009 (3)
	Firm Plans (10)												
	CHGE	E. Fishkill	E. Fishkill	xfmr #2	S	2010	345/115	345/115	1	440MVA	560MVA	Transformer #2 (Standby)	
	CHGE	Hurley Ave	Saugerties	11.11	W	2020	115	115	1	1114	1359	1-795 ACSR	OH
	CHGE	E. Fishkill	Wiccopee	3.32	S	2011	115	115	1	1280	1563	1-1033 ACSR	OH
	CHGE (4)	E. Fishkill	Shenandoah	2.02	W	2011	115	115	1	1280	1563	1-1033 ACSR	OH
	CHGE (4)	Shenandoah	Wiccopee	1.34	W	2011	115	115	1	1280	1563	1-1033 ACSR	OH
	CHGE	Saugerties	North Catskill	12.25	W	2020	115	115	1	1114	1359	1-795 ACSR	OH
	CHGE	Hurley Ave	North Catskill	23.36	W	2020	115	115	1	1114	1359	1-795 ACSR	OH
	CHGE (4)	Pleasant Valley	Todd Hill	5.60	W	2015	115	115	1	1280	1563	1-795 ACSR	OH
	CHGE (4)	Todd Hill	Fishkill Plains	5.23	W	2015	115	115	1	1280	1563	1-795 ACSR	OH
	ConEd	Millwood 345 kV	Millwood Capacitor Bank	-	S	2009	345	345	-	240MVAr	240MVAr	Capacitor Bank Installation	-
	ConEd	Sprain Brook	Sherman Creek	10.00	S	2011	345	345	1	872	1010	2000 CU	UG
	LIPA	Riverhead	Canal	16.40	S	2011	138	138	1	846	973	2368 KCMIL (1200 mm²) Copper XLPE	UG
	NYPA (5)	Willis 1	Duley	-24.38	W	10/2010	230	230	1	426	545	1-795 ACSR	OH
	NYPA (5)	Willis 1	Patnode	9.10	W	10/2010	230	230	1	426	545	1-795 ACSR	OH
	NYPA (5)	Patnode	Duley	15.27	W	10/2010	230	230	1	426	545	1-795 ACSR	OH
	NYSEG (6)	Wood Street	Carmel	1.34	S	2009	115	115	1	775	945	477 ACSR	OH
	NYSEG (6)	Wood Street	Katonah	11.70	S	2009	115	115	1	775	945	477 ACSR	OH
	NYSEG (4)	Etna	Lapeer	14.95	W	2010	115	115	1	1410	1725	1277 KCM ACAR	OH
	NYSEG	Etna	Lapeer	14.95	W	2010	115	115	1	1410	1725	1277 KCM ACAR	OH
	NYSEG	Lapeer	Lapeer	xfrm	W	2010	345/115	345/115	1	200MVA	220MVA	Transformer	
	NYSEG	Lapeer	Lapeer	xfrm	W	2010	345/115	345/115	1	200MVA	220MVA	Transformer	
	NYSEG	Avoca	Stony Ridge	20.10	S	2011	230	230	1	478MVA	478MVA	1033.5 ACSR	OH
	NYSEG	Stony Ridge	Hillside	26.70	S	2011	230	230	1	478MVA	478MVA	1033.5 ACSR	OH
	NYSEG	Stony Ridge	Stony Ridge	xfrm	S	2011	230/115	230/115	1	225MVA	270MVA	Transformer	OH
	NYSEG	Stony Ridge	Sullivan Park	6.20	S	2011	115	115	1	250MVA	305MVA	1033.5 ACSR	OH
	NYSEG	Sullivan Park	West Erie	3.20	S	2011	115	115	1	250MVA	305MVA	1033.5 ACSR	OH
	NGRID	Paradise Ln 115 kV	Paradise Ln 115 kV	-	S	2010	-	-	-	-	-	115 kV Switchyard	-
	NGRID	Spier	Rotterdam	7.80	S	2010	115	115	1	1114	1359	Replace 7.8 miles of 795kcmil ACSR (Brook-Balstn Tps)	OH
	NGRID	Gardenville	Homer Hill	21.00	S	2011	115	115	2	TBD	TBD	115 kV line Replacement	-
	O & R	Ramapo	Sugarloaf	16.00	W	2009	138	138	1	1089	1298	2-1590 ACSR	OH
	O & R	Hillburn	Sloatsburg	3.00	W	2009	69	69	1	1671	1794	795 ACSS	OH
	O & R	Sugarloaf	Shoemaker	7.00	S	2011	69	138	2	1249	1340	397 ACSS	OH
	O & R	Lovett	West Nyack	12.80	S	2011	138	138	1	1332	1431	556.5 ACSS	OH
	RGE	Station 135	Station 424	4.98	W	2009	115	115	1	1225	1495	1-1033.5 ACSR	OH

(1) Line Length Miles - negative values indicate removal of Existing Circuit being tapped
(2) S = Summer Peak Period W = Winter Peak Period
(3) Class 2009 Candidate
(4) Reconductoring of Existing Line
(5) Lines resulting from tapping of Existing Circuit
(6) 115 kv operation as opposed to previous 46 kV operation
(7) Upgrade of existing 69 kV to 138 kV operation
(8) Partial NNC upgrade done in 2008 and full NNC upgrade will be done in 2016 with NNC 450 MW Operation (including Northport-Pilgrim Upgrade)
(9) Rerate of the (3 cables) that were replaced in 2008 from 301 MVA, LIPA owns 50% of the NNC cable
(10) Projects that have met Base Case inclusion rules as described in the Comprehensive Reliability Planning Process (CRPP) manual, Section 4.1

TABLE VII - 1
PROPOSED TRANSMISSION FACILITIES

Queue Pos.	Transmission Owner	Terminals		Line Length miles (1)	Expected Service Date/Yr Prior to (2)	Year	Nominal Voltage in kV Operating	Design	# of ckts	Thermal Ratings in Amperes Summer	Winter	Project Description / Conductor Size	Class Year / Type of Construction
	Non-Firm Plans												
	CHGE	Pleasant Valley	Knapps Corners	17.70	W	2017	115	115	1	1114	1359	1-795 ACSR	OH
	ConEd	Vernon	Vernon	Phase Shifter	S	TBD	138	138		TBD	TBD	Phase Shifter	-
	LIPA	Canal	Bridgehampton	12.50	S	2013	69	138	1	1057	1216	2368 KCMIL (1200 mm²) Copper XLPE	UG
	LIPA (7)	Shoreham	Riverhead	11.60	S	2013	138	138	1	2500	3172	1192 ACSR, 1272 SSAC	OH
	LIPA (7)	Brookhaven	Riverhead	9.50	S	2013	138	138	1	2004	2526	1192AL, 1590ACSR, 795ACSR	OH
	LIPA (8)(9)	Northport	Norwalk Harbor	11.00	S	2016	138	138	3	650	650	3/C XLPE Cu 800mm2	UW / UG
	LIPA	Northport	Pilgrim	8.45	S	2016	138	138	1	825	1010	2000 mm2 Cu	UG
	LIPA (7)	Pilgrim	Brentwood	4.18	S	2016	138	138	1	2343	2506	1272 SSAC	OH
	LIPA	New Brentwood	Brentwood PS	Phase Shifter	S	2016	138	138	1	-	-	Phase Shifter	-
	LIPA	Brentwood PS	Holtsville GT	12.40	S	2016	138	138	1	2343	2506	1272 SSAC	OH
	LIPA	Barrett	Bellmore PS	Phase Shifter	S	2016	138	138	1	-	-	Phase Shifter	-
	LIPA	Bellmore PS	Bellmore	8.40	S	2016	138	138	1	1150	1400	2000 mm2 Cu	UG
	LIPA	Valley Stream	Barrett	4.70	S	2016	138	138	1	1150	1400	2000 mm2 Cu	UG
	NGRID	Falconer	Warren	19.4	S	2013	115	115	1	TBD	TBD	115 kV line Replacement	-
	NGRID	Mortimer	Golah	9.6	S	2013	115	115	1	TBD	TBD	New 115 kV line	-
	NGRID	Southwest 345 kV	Southwest 115 kV	xfrm	S	2013	345/138	345/138	-	-	-	345/115 kV Stepdown	-
	NGRID	Packard	Paradise	13.5	S	2013	115	115	1	TBD	TBD	115 kV line Replacement	-
	NGRID	Paradise	Gardenville	13.5	S	2013	115	115	1	TBD	TBD	115 kV line Replacement	-
	NGRID	Packard	Gardenville	27	S	2013	115	115	1	TBD	TBD	New 115 kV line	-
	NGRID	Niagara	Packard	3.40	S	2013	115	115	1	TBD	TBD	115 kV line Replacement	-
	NGRID	Spier	Luther Forest (New Station)	33.50	S	2010	115	115	1	TBD	TBD	Spier-Rotterdam Loop (2.8 miles new)	OH+UG
	NGRID	Luther Forest (New Station)	Rotterdam	19.90	S	2010	115	115	1	TBD	TBD	Spier-Rotterdam Loop (2.8 miles new)	OH+UG
	NGRID	Mohican	Luther Forest (New Station)	39.00	S	2010	115	115	1	TBD	TBD	Mohican-North Troy #3 Loop w/Mulb Tap (5.9 miles new)	OH
	NGRID	Luther Forest (New Station)	North Troy	17.90	S	2010	115	115	1	TBD	TBD	Mohican-North Troy #3 Loop w/Mulb Tap (5.9 miles new)	OH
	NGRID	Rotterdam	Irish Road (New Station)	23.20	S	2013	230	230	1	TBD	TBD	Rotterdam-Bear Swamp #E205 Loop (0.8 miles new)	OH
	NGRID	Irish Road (New Station)	Bear Swamp	49.00	S	2013	230	230	1	TBD	TBD	Rotterdam-Bear Swamp #E205 Loop (0.8 miles new)	OH
	NGRID	Irish Road (New Station)	Irish Road (New Station)	xfrm	S	2013	230/115	230/115	1	TBD	TBD	Transformer	-
	NGRID	Irish Road (New Station)	Irish Road (New Station)	xfrm	S	2013	230/115	230/115	1	TBD	TBD	Transformer	-
	NGRID	Luther Forest (New Station)	Irish Road (New Station)	16.70	S	2013	115	115	1	TBD	TBD	Luther Forest-North Troy Loop (0.5 miles new)	OH
	NGRID	Irish Road (New Station)	North Troy	2.20	S	2013	115	115	1	TBD	TBD	Luther Forest-North Troy Loop (0.5 miles new)	OH
	NGRID	Rotterdam	Rotterdam	xfrm	S	2013	230/115	230/115	1	TBD	TBD	Transformer (Fourth 2-1)	-
	NGRID	Spier	Rotterdam	32.70	S	2013	115	115	1	TBD	TBD	New/Separate Circuit w/Twin-795kcmil ACSR south end	OH
	NGRID	Mohican	Battenkill	14.20	S	2013	115	115	1	TBD	TBD	Replace 14.2 miles of conductor w/min 1033.5kvmil ACSR	OH
	NGRID	Luther Forest (New Station)	Rotterdam	9.00	S	2013	115	115	1	TBD	TBD	Replace 9 miles of conductor w/min 1033.5kcmil ACSR (Blstn Tp)	OH
	NGRID	Luther Forest (New Station)	Irish Road (New Station)	6.20	S	2013	115	115	1	TBD	TBD	Replace 6.2 miles of conductor w/min 1033.5kcmil ACSR (#3)	OH
	NGRID	Mohican	Butler	3.50	S	2013	115	115	1	TBD	TBD	Replace 3.5 miles of conductor w/min 336.4kcmil ACSR	OH
	O & R	Lovett	Lovett	xfrm	S	2013	345/138	345/138	1	501 MVA	501 MVA	Transformer	
	O & R	O&R's Line 26	Sterling Forest	xfrm	W	2013	138/69	138/69	1	175 MVA	175 MVA	Transfomer	

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