2013
Load & Capacity Data

A report by

The New York Independent System Operator

"Gold Book"

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NEW YORK INDEPENDENT SYSTEM OPERATOR

2013
LOAD & CAPACITY DATA

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OVERVIEW

This report presents the New York Independent System Operator, Inc. (NYISO) load forecasts for the years 2013 to 2023, and the transmission and generation data for the New York Control Area (NYCA). Specifically, this report includes:

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

Load Forecast

Section I of this report presents forecasts and actual data on energy and peak demand. The NYCA baseline summer peak demand forecast developed for this report shows an annual average growth rate of 0.96% for the years 2013 through 2023. The baseline energy forecast for the same period shows an annual average growth rate of 0.47%. The NYCA summer peak demand growth rate exceeds the energy growth rate, consistent with last year's forecast and recent history. The baseline forecasts include the impact of energy efficiency programs. In last year's report, the annual average growth rate forecast for peak demand was 0.85% for the years 2012 through 2022, and the forecasted growth rate for annual energy in that period was 0.59%. The energy growth rate in the 2013 forecast is slightly lower than in 2012 due to a less optimistic economic forecast. Over the past ten years the average growth rate for annual energy has been 0.34%. The 2013 energy forecast for Zone J (New York City) is growing at an annual average rate of 0.49% - a decrease from last year's average forecasted growth rate of 0.97%. Over the past ten years Zone J's annual energy grew, on average, at the rate of 0.57%. The corresponding 2013 energy forecast growth for Zone K (Long Island) is 1.16%, which is greater than last year's forecasted average growth rate of 0.92%. Over the past ten years Zone K's annual energy grew, on average, at the rate of 0.17%.

The NYISO employs a two-stage process in developing load forecasts for each of the 11 zones within the NYCA. In the first stage, zonal load forecasts are based upon econometric projections prepared in March 2013. These forecasts assume a conventional portfolio of

appliances and electrical technologies. The forecasts also assume that future improvements in energy efficiency measures will be similar to those of the recent past and that spending levels on energy efficiency programs will be similar to recent history. The econometric forecast is reported in Tables I-3a and I-3b. In the second stage, the NYISO adjusts the econometric forecasts to explicitly reflect a projection of the energy savings resulting from statewide energy efficiency programs,[1] impacts of new building codes and appliance efficiency standards and a projection of energy usage due to electric vehicles. The NYISO's baseline forecast is reported in Tables I-1a and I-2a. In addition to the baseline forecast, the NYISO has high and low forecasts for each zone that represent extreme weather conditions.

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

Generation and Other Capacity Resources

The New York State Reliability Council (NYSRC) has determined that an Installed Reserve Margin (IRM) of 17% in excess of the NYCA summer peak demand forecast for the Capability Year 2013-14 is required to meet the Northeast Power Coordinating Council (NPCC) and NYSRC resource adequacy criterion. The IRM is established annually by the NYSRC and is subject to state and federal regulatory approval. The NYISO also established the Locational Capacity Requirements (LCRs) annually, which are expressed as a percentage of the forecasted peak loads for each locality respectively (i.e. NYC and LI). LCRs are subject to review and approval by the NYISO Operating Committee.

[1] New York's '45x15' clean energy goal challenges the State to meet 30% of its 2007 forecast of electric energy needs in 2015 through renewable energy, and 15% by increased energy efficiency (a targeted reduction of about 26,900 GWh). As part of that effort, the New York Public Service Commission established the Energy Efficiency Portfolio Standard (EEPS). Through its participation in the EEPS Evaluation Advisory Group, the NYISO remains involved in activities directed toward the measurement and verification of the impacts obtained through the EEPS.

The total resource capability in the NYCA for 2013 is 41,452 MW, a decrease of 2,234 MW as compared to 2012, due to the net impact of additions, uprates, retirements[2] and changes in unit ratings and Special Case Resources. Total resource capability includes existing NYCA capacity, Demand Response, and long-term purchases and sales with neighboring Control Areas.[3] The total resource capability in the NYCA exceeds 117% of the 2013 projected peak load of 33,279 MW. The total resource capability is projected to be at least 117% of peak loads through 2020, but below the 117% threshold beyond 2020. The proposed generator additions listed in Table IV-1 would achieve Installed Capacity in excess of 117% of peak loads through the year 2023. Furthermore, the *2012 Comprehensive Reliability Report* (CRP), published in March 2013, concluded that certain proposed resource additions would meet resource adequacy requirements through the CRP study period (2012 through 2022).

The existing capacity resources are detailed in Section III. Table III-2 reports information on generator ownership, location, in-service date, fuels used, and generating type. Numerical values are provided for nameplate rating, Summer CRIS MW, Summer and Winter Capability, and net energy generated during the preceding calendar year. A recent review of publicly available information has led to the reclassification of numerous units that were previously identified as fueled by natural gas or fuel oil as dual-fuel.

Section IV reports a list of proposed projects in the NYISO interconnection process by Class Year,[4] together with other generator additions, reratings and retirements. Table IV-3a-1 displays units retired or mothballed since the 2012 *Load and Capacity Data* report and Table IV-3a-2 shows units that were previously mothballed or placed under "protective lay-up." Section V reports the projected schedule of load and installed capacity. As shown in Tables V-2a and V-2b, one new project totaling 94 MW has met Base Case inclusion rules as described in the *Comprehensive Reliability Planning Process Manual*. These tables also include two reratings projects totaling 4.6 MW that have met the Base Case inclusion rules. All other

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

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

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

additions, reratings and retirements listed in Section IV that have not met the Base Case inclusion rules are shown as a single line-item in Table V-2a, as Proposed Resource Changes.

Pursuant to tariff amendments implementing the FERC's capacity deliverability requirements, Capacity Resource Interconnection Service (CRIS) is required in order for capacity from a generator to be offered into NYISO's Installed Capacity market. This annual *Load & Capacity Data* report includes the NYISO Summer CRIS values[5] for generators.

Additionally, the NYISO's Installed Capacity market rules allow Special Case Resources (*i.e.*, interruptible load customers and qualified Local Generators) to participate in the Installed Capacity market. These customers are expected to provide 1,558 MW of capacity for the NYISO in 2013 and thereafter.

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

Transmission Facilities

Each transmission owner provides a list of existing and proposed transmission facilities. Section VI contains the list of existing transmission facilities. Section VII contains the list of proposed transmission projects. All existing transmission facilities and firm proposed facilities are included in FERC 715 Base Cases. Section VII also contains a list of non-firm proposed transmission projects.

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

SECTION I:

ANNUAL ENERGY, PEAK DEMAND, & EMERGENCY DEMAND RESPONSE PROGRAM: HISTORY & FORECASTS

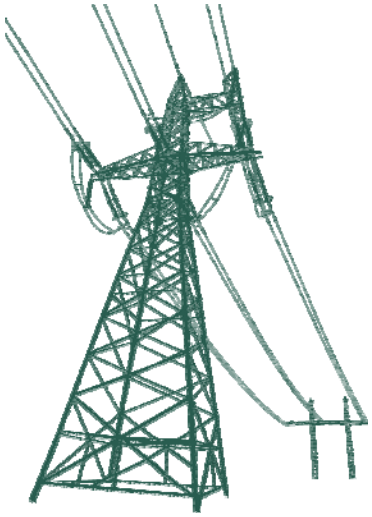


Table I-1: NYCA Energy and Demand Forecasts with Statewide Energy Efficiency Impacts

2013 Long Term Forecast - 2013 to 2023

Energy - GWh

Year	Low	Baseline	High
2012		163,199	
2013	160,902	163,856	166,810
2014	161,683	164,652	167,621
2015	162,585	165,571	168,557
2016	163,795	166,804	169,813
2017	164,040	167,054	170,068
2018	164,678	167,703	170,728
2019	165,431	168,472	171,513
2020	166,438	169,499	172,560
2021	167,005	170,077	173,149
2022	167,827	170,915	174,003
2023	168,661	171,766	174,871

Summer Peak Demand - MW

Year	Low	Baseline	High
2012		33,106	
2013	30,291	33,279	35,766
2014	30,695	33,725	36,246
2015	31,071	34,138	36,689
2016	31,451	34,556	37,136
2017	31,692	34,818	37,415
2018	31,950	35,103	37,720
2019	32,234	35,415	38,054
2020	32,533	35,745	38,409
2021	32,826	36,068	38,755
2022	33,088	36,355	39,063
2023	33,318	36,613	39,343

Winter Peak Demand - MW

Year	Low	Baseline	High
2012-13		24,630	
2013-14	23,110	24,709	26,308
2014-15	23,214	24,818	26,422
2015-16	23,295	24,906	26,517
2016-17	23,473	25,095	26,717
2017-18	23,522	25,148	26,774
2018-19	23,589	25,219	26,849
2019-20	23,636	25,270	26,904
2020-21	23,833	25,482	27,131
2021-22	23,932	25,587	27,242
2022-23	24,061	25,725	27,389
2023-24	24,137	25,808	27,479

Average Annual Growth - Percent

Period	Low	Baseline	High
2013-23	0.47%	0.47%	0.47%
2013-18	0.47%	0.47%	0.47%
2018-23	0.48%	0.48%	0.48%

Period	Low	Baseline	High
2013-23	0.96%	0.96%	0.96%
2013-18	1.07%	1.07%	1.07%
2018-23	0.84%	0.85%	0.85%

Period	Low	Baseline	High
2013-23	0.44%	0.44%	0.44%
2013-18	0.41%	0.41%	0.41%
2018-23	0.46%	0.46%	0.46%

Notes

1. 2012 results are for weather-normalized energy and peak demand.
2. 2013 NYCA summer peak is the same as the 2013 ICAP forecast.
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. The low and high forecasts are at the 10th and 90th percentiles for extreme weather conditions, respectively.
5. All results in the Section I tables include transmission & distribution losses and exclude station power and other Local Generation.

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

Includes Impacts of Statewide Energy Efficiency Programs

Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013	15,788	10,071	16,152	6,701	8,036	11,712	10,054	2,922	6,086	53,762	22,572	163,856
2014	15,835	10,073	16,196	6,789	8,048	11,716	10,106	2,938	6,114	54,016	22,821	164,652
2015	15,922	10,076	16,269	6,835	8,122	11,803	10,152	2,951	6,148	54,310	22,983	165,571
2016	15,997	10,083	16,337	6,850	8,182	11,872	10,201	2,976	6,195	54,732	23,379	166,804
2017	16,010	10,080	16,383	6,866	8,188	11,926	10,238	2,976	6,199	54,762	23,426	167,054
2018	16,012	10,080	16,426	6,874	8,184	11,978	10,263	2,993	6,229	55,032	23,632	167,703
2019	16,019	10,080	16,475	6,868	8,188	12,028	10,306	3,007	6,261	55,309	23,931	168,472
2020	16,033	10,085	16,525	6,871	8,192	12,077	10,333	3,029	6,308	55,727	24,319	169,499
2021	16,033	10,081	16,576	6,889	8,199	12,126	10,351	3,038	6,325	55,878	24,581	170,077
2022	16,038	10,081	16,626	6,895	8,203	12,173	10,370	3,053	6,358	56,172	24,946	170,915
2023	16,040	10,082	16,674	6,888	8,204	12,220	10,385	3,071	6,392	56,471	25,339	171,766

Forecast of Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013	2,615	2,040	2,868	783	1,404	2,325	2,250	678	1,410	11,485	5,421	33,279
2014	2,643	2,071	2,904	799	1,418	2,351	2,288	690	1,432	11,658	5,471	33,725
2015	2,667	2,093	2,932	807	1,437	2,386	2,319	697	1,454	11,832	5,514	34,138
2016	2,683	2,111	2,958	811	1,451	2,413	2,347	709	1,475	12,006	5,592	34,556
2017	2,689	2,124	2,974	813	1,455	2,435	2,368	716	1,491	12,137	5,616	34,818
2018	2,693	2,139	2,993	815	1,458	2,456	2,388	725	1,507	12,266	5,663	35,103
2019	2,697	2,150	3,006	814	1,462	2,474	2,408	733	1,523	12,419	5,729	35,415
2020	2,703	2,163	3,025	815	1,466	2,493	2,425	741	1,540	12,572	5,802	35,745
2021	2,707	2,174	3,039	817	1,472	2,511	2,440	749	1,556	12,725	5,878	36,068
2022	2,712	2,185	3,059	818	1,477	2,530	2,456	758	1,569	12,833	5,958	36,355
2023	2,717	2,198	3,073	817	1,482	2,550	2,472	762	1,577	12,920	6,045	36,613

Forecast of Coincident Winter Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013-14	2,356	1,572	2,584	952	1,323	1,882	1,550	509	887	7,519	3,575	24,709
2014-15	2,365	1,577	2,594	963	1,324	1,884	1,559	508	891	7,563	3,590	24,818
2015-16	2,375	1,577	2,602	968	1,330	1,896	1,563	506	893	7,594	3,602	24,906
2016-17	2,395	1,587	2,624	973	1,342	1,915	1,576	510	902	7,672	3,599	25,095
2017-18	2,401	1,591	2,636	974	1,342	1,927	1,583	507	902	7,678	3,607	25,148
2018-19	2,404	1,595	2,646	975	1,340	1,938	1,588	506	903	7,698	3,626	25,219
2019-20	2,402	1,594	2,649	972	1,337	1,943	1,591	504	903	7,718	3,657	25,270
2020-21	2,415	1,604	2,670	974	1,342	1,960	1,602	502	911	7,810	3,692	25,482
2021-22	2,420	1,607	2,683	978	1,345	1,971	1,605	500	912	7,835	3,731	25,587
2022-23	2,426	1,611	2,696	978	1,346	1,983	1,611	503	915	7,880	3,776	25,725
2023-24	2,424	1,612	2,702	974	1,344	1,989	1,611	501	916	7,907	3,828	25,808

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

Includes Impacts of Statewide Energy Efficiency Programs

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

Year	A	B	C	D	E	F	G	H	I	J	K
2013	2,657	2,084	2,904	868	1,466	2,368	2,277	688	1,433	11,485	5,515
2014	2,688	2,116	2,941	887	1,481	2,395	2,316	699	1,454	11,658	5,566
2015	2,716	2,139	2,969	897	1,501	2,431	2,348	704	1,475	11,832	5,609
2016	2,734	2,158	2,996	903	1,515	2,458	2,376	715	1,496	12,006	5,688
2017	2,743	2,172	3,012	906	1,519	2,480	2,398	721	1,511	12,137	5,713
2018	2,749	2,187	3,032	910	1,523	2,502	2,418	729	1,527	12,266	5,760
2019	2,755	2,199	3,045	910	1,527	2,520	2,439	737	1,542	12,419	5,827
2020	2,763	2,213	3,064	911	1,531	2,540	2,456	744	1,559	12,572	5,902
2021	2,769	2,224	3,079	915	1,537	2,558	2,472	751	1,574	12,725	5,979
2022	2,776	2,236	3,099	917	1,542	2,577	2,488	759	1,587	12,833	6,060
2023	2,783	2,249	3,113	916	1,548	2,598	2,504	762	1,594	12,920	6,149

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

Year	A	B	C	D	E	F	G	H	I	J	K
2013-14	2,387	1,585	2,590	974	1,351	1,912	1,571	541	936	7,585	3,637
2014-15	2,397	1,590	2,600	984	1,352	1,914	1,580	540	941	7,630	3,653
2015-16	2,408	1,590	2,608	987	1,359	1,926	1,585	538	944	7,661	3,667
2016-17	2,430	1,600	2,630	991	1,371	1,946	1,599	543	955	7,740	3,672
2017-18	2,437	1,604	2,642	991	1,371	1,958	1,606	540	956	7,746	3,679
2018-19	2,441	1,608	2,652	991	1,370	1,969	1,612	539	958	7,766	3,697
2019-20	2,439	1,607	2,655	990	1,367	1,974	1,615	537	958	7,787	3,726
2020-21	2,453	1,617	2,676	990	1,372	1,992	1,626	535	968	7,880	3,759
2021-22	2,459	1,620	2,689	991	1,375	2,003	1,630	533	969	7,905	3,795
2022-23	2,466	1,624	2,702	990	1,377	2,015	1,636	536	973	7,950	3,835
2023-24	2,464	1,625	2,708	989	1,375	2,021	1,637	534	975	7,978	3,882

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

By Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013	12	9	3	0	19	29	2	0	0	59	11	144
2014	12	9	3	0	19	29	2	0	0	59	11	144
2015	12	9	3	0	19	29	2	0	0	59	11	144
2016	12	9	3	0	19	29	2	0	0	59	11	144
2017	12	9	3	0	19	29	2	0	0	59	11	144
2018	12	9	3	0	19	29	2	0	0	59	11	144
2019	12	9	3	0	19	29	2	0	0	59	11	144
2020	12	9	3	0	19	29	2	0	0	59	11	144
2021	12	9	3	0	19	29	2	0	0	59	11	144
2022	12	9	3	0	19	29	2	0	0	59	11	144
2023	12	9	3	0	19	29	2	0	0	59	11	144

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

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

Includes Impacts of Statewide Energy Efficiency Programs

90th Percentile Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013	16,067	10,270	16,454	6,706	8,197	11,921	10,293	3,004	6,206	54,614	23,078	166,811
2014	16,115	10,272	16,499	6,794	8,209	11,925	10,346	3,021	6,235	54,872	23,333	167,621
2015	16,203	10,275	16,573	6,840	8,285	12,014	10,393	3,034	6,270	55,171	23,499	168,556
2016	16,280	10,283	16,642	6,855	8,346	12,084	10,443	3,060	6,317	55,599	23,904	169,813
2017	16,293	10,279	16,689	6,871	8,352	12,139	10,481	3,060	6,322	55,630	23,952	170,067
2018	16,295	10,279	16,733	6,879	8,348	12,192	10,507	3,077	6,352	55,904	24,162	170,728
2019	16,302	10,279	16,783	6,873	8,352	12,243	10,551	3,092	6,385	56,185	24,468	171,513
2020	16,316	10,285	16,834	6,876	8,356	12,293	10,578	3,114	6,433	56,610	24,865	172,559
2021	16,316	10,280	16,886	6,894	8,363	12,343	10,597	3,124	6,450	56,763	25,133	173,149
2022	16,321	10,280	16,937	6,900	8,367	12,391	10,616	3,139	6,484	57,062	25,506	174,003
2023	16,323	10,282	16,985	6,893	8,368	12,438	10,632	3,158	6,518	57,366	25,908	174,871

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013	2,829	2,207	3,103	847	1,519	2,516	2,435	725	1,510	12,058	6,017	35,767
2014	2,860	2,241	3,142	865	1,534	2,544	2,476	738	1,532	12,241	6,073	36,245
2015	2,886	2,265	3,172	873	1,555	2,582	2,509	746	1,556	12,424	6,121	36,687
2016	2,903	2,284	3,201	878	1,570	2,611	2,539	759	1,578	12,606	6,207	37,136
2017	2,909	2,298	3,218	880	1,574	2,635	2,562	766	1,595	12,744	6,234	37,415
2018	2,914	2,314	3,238	882	1,578	2,657	2,584	776	1,612	12,879	6,286	37,721
2019	2,918	2,326	3,252	881	1,582	2,677	2,605	784	1,630	13,040	6,359	38,055
2020	2,925	2,340	3,273	882	1,586	2,697	2,624	793	1,648	13,201	6,440	38,409
2021	2,929	2,352	3,288	884	1,593	2,717	2,640	801	1,665	13,361	6,525	38,755
2022	2,934	2,364	3,310	885	1,598	2,737	2,657	811	1,679	13,475	6,613	39,064
2023	2,940	2,378	3,325	884	1,604	2,759	2,675	815	1,687	13,566	6,710	39,343

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013-14	2,493	1,663	2,734	1,021	1,400	1,991	1,640	543	947	8,026	3,850	26,307
2014-15	2,502	1,668	2,744	1,033	1,401	1,993	1,649	542	951	8,073	3,866	26,423
2015-16	2,513	1,668	2,753	1,038	1,407	2,006	1,654	540	953	8,106	3,879	26,517
2016-17	2,534	1,679	2,776	1,044	1,420	2,026	1,667	544	963	8,189	3,875	26,718
2017-18	2,540	1,683	2,789	1,045	1,420	2,039	1,675	541	963	8,195	3,884	26,774
2018-19	2,543	1,688	2,799	1,046	1,418	2,050	1,680	540	964	8,217	3,904	26,850
2019-20	2,541	1,686	2,803	1,042	1,415	2,056	1,683	538	964	8,238	3,938	26,904
2020-21	2,555	1,697	2,825	1,045	1,420	2,074	1,695	536	972	8,336	3,976	27,130
2021-22	2,560	1,700	2,839	1,049	1,423	2,085	1,698	534	973	8,363	4,018	27,242
2022-23	2,567	1,704	2,852	1,049	1,424	2,098	1,704	537	977	8,411	4,066	27,390
2023-24	2,565	1,705	2,859	1,045	1,422	2,104	1,704	535	978	8,440	4,122	27,479

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

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

Includes Impacts of Statewide Energy Efficiency Programs

10th Percentile Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013	15,509	9,872	15,850	6,696	7,875	11,503	9,815	2,840	5,966	52,910	22,066	160,902
2014	15,555	9,874	15,893	6,784	7,887	11,507	9,866	2,855	5,993	53,160	22,309	161,683
2015	15,641	9,877	15,965	6,830	7,959	11,592	9,911	2,868	6,026	53,449	22,467	162,585
2016	15,714	9,883	16,032	6,845	8,018	11,660	9,959	2,892	6,073	53,865	22,854	163,795
2017	15,727	9,881	16,077	6,861	8,024	11,713	9,995	2,892	6,076	53,894	22,900	164,040
2018	15,729	9,881	16,119	6,869	8,020	11,764	10,019	2,909	6,106	54,160	23,102	164,678
2019	15,736	9,881	16,167	6,863	8,024	11,813	10,061	2,922	6,137	54,433	23,394	165,431
2020	15,750	9,885	16,216	6,866	8,028	11,861	10,088	2,944	6,183	54,844	23,773	166,438
2021	15,750	9,882	16,266	6,884	8,035	11,909	10,105	2,952	6,200	54,993	24,029	167,005
2022	15,755	9,882	16,315	6,890	8,039	11,955	10,124	2,967	6,232	55,282	24,386	167,827
2023	15,757	9,882	16,363	6,883	8,040	12,002	10,138	2,984	6,266	55,576	24,770	168,661

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013	2,401	1,873	2,633	719	1,289	2,134	2,066	617	1,284	10,450	4,825	30,291
2014	2,426	1,901	2,666	733	1,302	2,158	2,100	628	1,303	10,609	4,869	30,695
2015	2,448	1,921	2,692	741	1,319	2,190	2,129	634	1,323	10,767	4,907	31,071
2016	2,463	1,938	2,715	744	1,332	2,215	2,155	645	1,342	10,925	4,977	31,451
2017	2,469	1,950	2,730	746	1,336	2,235	2,174	652	1,357	11,045	4,998	31,692
2018	2,472	1,964	2,748	748	1,338	2,255	2,192	660	1,371	11,162	5,040	31,950
2019	2,476	1,974	2,760	747	1,342	2,271	2,211	667	1,386	11,301	5,099	32,234
2020	2,481	1,986	2,777	748	1,346	2,289	2,226	674	1,401	11,441	5,164	32,533
2021	2,485	1,996	2,790	750	1,351	2,305	2,240	682	1,416	11,580	5,231	32,826
2022	2,490	2,006	2,808	751	1,356	2,323	2,255	690	1,428	11,678	5,303	33,088
2023	2,494	2,018	2,821	750	1,360	2,341	2,269	693	1,435	11,757	5,380	33,318

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013-14	2,219	1,481	2,434	883	1,246	1,773	1,460	475	827	7,012	3,300	23,110
2014-15	2,228	1,486	2,444	893	1,247	1,775	1,469	474	831	7,053	3,314	23,214
2015-16	2,237	1,486	2,451	898	1,253	1,786	1,472	472	833	7,082	3,325	23,295
2016-17	2,256	1,495	2,472	902	1,264	1,804	1,485	476	841	7,155	3,323	23,473
2017-18	2,262	1,499	2,483	903	1,264	1,815	1,491	473	841	7,161	3,330	23,522
2018-19	2,265	1,502	2,493	904	1,262	1,826	1,496	472	842	7,179	3,348	23,589
2019-20	2,263	1,502	2,495	902	1,259	1,830	1,499	470	842	7,198	3,376	23,636
2020-21	2,275	1,511	2,515	903	1,264	1,846	1,509	468	850	7,284	3,408	23,833
2021-22	2,280	1,514	2,527	907	1,267	1,857	1,512	466	851	7,307	3,444	23,932
2022-23	2,285	1,518	2,540	907	1,268	1,868	1,518	469	853	7,349	3,486	24,061
2023-24	2,283	1,519	2,545	903	1,266	1,874	1,518	467	854	7,374	3,534	24,137

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

Table I-2f: Energy Efficiency Impacts

Forecast of Reductions in Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013	134	94	129	11	57	95	92	27	55	490	181	1,365
2014	283	208	277	23	124	201	203	44	96	849	423	2,731
2015	445	333	441	37	196	315	325	65	135	1,193	829	4,314
2016	608	459	605	52	268	431	447	80	169	1,488	1,026	5,633
2017	729	559	729	63	321	517	538	95	194	1,716	1,319	6,780
2018	837	647	840	73	368	594	620	94	199	1,757	1,607	7,636
2019	930	724	936	83	410	660	687	100	211	1,862	1,821	8,424
2020	1,006	791	1,020	91	445	713	745	107	223	1,967	2,033	9,141
2021	1,082	858	1,104	99	480	766	803	113	235	2,071	2,240	9,851
2022	1,158	925	1,188	107	515	819	861	118	247	2,178	2,430	10,546
2023	1,234	992	1,272	115	550	872	919	122	259	2,284	2,607	11,226

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013	26	15	24	3	11	19	17	13	7	88	93	316
2014	54	34	51	5	23	40	37	15	13	137	163	572
2015	84	55	82	7	37	62	58	20	18	180	257	860
2016	115	77	112	9	51	84	80	22	24	231	306	1,111
2017	136	93	133	11	60	99	95	24	29	265	379	1,324
2018	155	108	152	13	68	113	109	25	32	290	451	1,516
2019	170	120	168	14	74	125	120	27	35	298	509	1,660
2020	181	130	180	15	78	133	129	36	38	294	563	1,777
2021	192	140	192	16	82	141	138	38	41	301	617	1,898
2022	203	150	204	17	86	149	147	35	44	309	670	2,014
2023	214	160	216	18	90	157	156	38	47	313	720	2,129

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

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013-14	18	11	17	2	8	13	12	9	5	62	65	222
2014-15	38	24	36	4	16	28	26	11	9	96	109	397
2015-16	59	39	57	5	26	43	41	14	13	126	172	595
2016-17	81	54	78	6	36	59	56	15	17	162	205	769
2017-18	95	65	93	8	42	69	67	17	20	186	254	916
2018-19	109	76	106	9	48	79	76	18	22	203	303	1,049
2019-20	119	84	118	10	52	88	84	19	25	209	342	1,150
2020-21	127	91	126	11	55	93	90	25	27	206	378	1,229
2021-22	134	98	134	11	57	99	97	27	29	211	412	1,309
2022-23	142	105	143	12	60	104	103	25	31	216	445	1,386
2023-24	150	112	151	13	63	110	109	27	33	219	477	1,464

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

Prior to Inclusion of Statewide Energy Efficiency Programs

Forecast of Annual Energy by Zone - GWh

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013	15,922	10,165	16,281	6,712	8,093	11,807	10,146	2,949	6,141	54,252	22,753	165,221
2014	16,118	10,281	16,473	6,812	8,172	11,917	10,309	2,982	6,210	54,865	23,244	167,383
2015	16,367	10,409	16,710	6,872	8,318	12,118	10,477	3,016	6,283	55,503	23,812	169,885
2016	16,605	10,542	16,942	6,902	8,450	12,303	10,648	3,056	6,364	56,220	24,405	172,437
2017	16,739	10,639	17,112	6,929	8,509	12,443	10,776	3,071	6,393	56,478	24,745	173,834
2018	16,849	10,727	17,266	6,947	8,552	12,572	10,883	3,087	6,428	56,789	25,239	175,339
2019	16,949	10,804	17,411	6,951	8,598	12,688	10,993	3,107	6,472	57,171	25,752	176,896
2020	17,039	10,876	17,545	6,962	8,637	12,790	11,078	3,136	6,531	57,694	26,352	178,640
2021	17,115	10,939	17,680	6,988	8,679	12,892	11,154	3,151	6,560	57,949	26,821	179,928
2022	17,196	11,006	17,814	7,002	8,718	12,992	11,231	3,171	6,605	58,350	27,376	181,461
2023	17,274	11,074	17,946	7,003	8,754	13,092	11,304	3,193	6,651	58,755	27,946	182,992

Forecast of Coincident Summer Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013	2,641	2,055	2,892	786	1,415	2,344	2,267	691	1,418	11,572	5,514	33,595
2014	2,697	2,105	2,955	804	1,441	2,391	2,325	705	1,445	11,795	5,634	34,297
2015	2,751	2,148	3,014	814	1,474	2,448	2,377	717	1,472	12,012	5,771	34,998
2016	2,798	2,188	3,070	820	1,502	2,497	2,427	731	1,499	12,237	5,898	35,667
2017	2,825	2,217	3,107	824	1,515	2,534	2,463	740	1,520	12,402	5,995	36,142
2018	2,848	2,247	3,145	828	1,526	2,569	2,497	750	1,539	12,556	6,114	36,619
2019	2,867	2,270	3,174	828	1,536	2,599	2,528	760	1,558	12,717	6,238	37,075
2020	2,884	2,293	3,205	830	1,544	2,626	2,554	777	1,578	12,866	6,365	37,522
2021	2,899	2,314	3,231	833	1,554	2,652	2,578	787	1,597	13,026	6,495	37,966
2022	2,915	2,335	3,263	835	1,563	2,679	2,603	793	1,613	13,142	6,628	38,369
2023	2,931	2,358	3,289	835	1,572	2,707	2,628	800	1,624	13,233	6,765	38,742

Forecast of Coincident Winter Peak Demand by Zone- MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
2013-14	2,374	1,583	2,601	954	1,331	1,895	1,562	518	892	7,581	3,640	24,931
2014-15	2,403	1,601	2,630	967	1,340	1,912	1,585	519	900	7,659	3,699	25,215
2015-16	2,434	1,616	2,659	973	1,356	1,939	1,604	520	906	7,720	3,774	25,501
2016-17	2,476	1,641	2,702	979	1,378	1,974	1,632	525	919	7,834	3,804	25,864
2017-18	2,496	1,656	2,729	982	1,384	1,996	1,650	524	922	7,864	3,861	26,064
2018-19	2,513	1,671	2,752	984	1,388	2,017	1,664	524	925	7,901	3,929	26,268
2019-20	2,521	1,678	2,767	982	1,389	2,031	1,675	523	928	7,927	3,999	26,420
2020-21	2,542	1,695	2,796	985	1,397	2,053	1,692	527	938	8,016	4,070	26,711
2021-22	2,554	1,705	2,817	989	1,402	2,070	1,702	527	941	8,046	4,143	26,896
2022-23	2,568	1,716	2,839	990	1,406	2,087	1,714	528	946	8,096	4,221	27,111
2023-24	2,574	1,724	2,853	987	1,407	2,099	1,720	528	949	8,126	4,305	27,272

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

Prior to Inclusion of Statewide Energy Efficiency Programs

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

Year	A	B	C	D	E	F	G	H	I	J	K
2013	2,684	2,099	2,928	872	1,478	2,388	2,294	701	1,440	11,572	5,609
2014	2,743	2,151	2,992	893	1,505	2,436	2,353	714	1,467	11,795	5,731
2015	2,801	2,195	3,052	905	1,539	2,494	2,406	725	1,493	12,012	5,870
2016	2,852	2,237	3,109	913	1,568	2,544	2,457	738	1,520	12,237	5,999
2017	2,881	2,267	3,147	919	1,582	2,581	2,494	746	1,540	12,402	6,098
2018	2,907	2,298	3,186	924	1,594	2,617	2,529	755	1,559	12,556	6,218
2019	2,929	2,322	3,215	925	1,604	2,648	2,560	764	1,577	12,717	6,345
2020	2,948	2,345	3,247	928	1,612	2,675	2,587	780	1,597	12,866	6,474
2021	2,966	2,367	3,273	933	1,623	2,702	2,611	789	1,616	13,026	6,606
2022	2,984	2,389	3,306	936	1,632	2,729	2,637	794	1,631	13,142	6,742
2023	3,002	2,413	3,332	936	1,642	2,758	2,662	800	1,642	13,233	6,881

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

Year	A	B	C	D	E	F	G	H	I	J	K
2013-14	2,405	1,596	2,607	976	1,359	1,925	1,583	551	941	7,648	3,703
2014-15	2,436	1,614	2,636	988	1,368	1,942	1,607	552	951	7,727	3,762
2015-16	2,468	1,629	2,665	992	1,385	1,970	1,627	553	958	7,788	3,838
2016-17	2,512	1,655	2,708	997	1,408	2,006	1,655	559	973	7,903	3,869
2017-18	2,533	1,670	2,735	999	1,414	2,028	1,674	558	977	7,934	3,927
2018-19	2,551	1,685	2,758	1,000	1,419	2,049	1,689	558	981	7,971	3,997
2019-20	2,560	1,692	2,773	1,000	1,420	2,064	1,700	557	985	7,998	4,067
2020-21	2,582	1,709	2,803	1,001	1,428	2,086	1,718	562	996	8,087	4,140
2021-22	2,595	1,719	2,824	1,002	1,434	2,104	1,728	562	1,000	8,118	4,214
2022-23	2,610	1,730	2,846	1,002	1,438	2,121	1,741	563	1,006	8,168	4,294
2023-24	2,617	1,738	2,860	1,002	1,439	2,133	1,747	563	1,010	8,199	4,379

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
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	162,238
2007	16,258	10,207	17,028	6,641	7,837	11,917	10,909	2,702	6,344	54,750	22,748	167,341
2008	15,835	10,089	16,721	6,734	7,856	11,595	10,607	2,935	5,944	54,835	22,461	165,612
2009	15,149	9,860	15,949	5,140	7,893	10,991	10,189	2,917	5,700	53,100	21,892	158,780
2010	15,903	10,128	16,209	4,312	7,906	11,394	10,384	2,969	6,264	55,114	22,922	163,505
2011	16,017	10,040	16,167	5,903	7,752	11,435	10,066	2,978	6,208	54,060	22,704	163,330
2012	15,595	10,009	16,117	6,574	7,943	11,846	9,938	2,930	6,099	53,488	22,303	162,842

Historic Summer Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
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	32,433
2009	2,595	1,939	2,780	536	1,351	2,181	2,159	596	1,279	10,366	5,063	30,845
2010	2,663	1,985	2,846	552	1,437	2,339	2,399	700	1,487	11,213	5,832	33,453
2011	2,556	2,019	2,872	776	1,446	2,233	2,415	730	1,510	11,373	5,935	33,865
2012	2,743	2,107	2,888	774	1,420	2,388	2,242	653	1,393	10,722	5,109	32,439

Historic Winter Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K	NYCA
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
2009-10	2,330	1,555	2,558	648	1,289	1,788	1,527	561	813	7,562	3,443	24,074
2010-11	2,413	1,606	2,657	645	1,296	1,825	1,586	526	927	7,661	3,512	24,654
2011-12	2,220	1,535	2,532	904	1,243	1,765	1,618	490	893	7,323	3,378	23,901
2012-13	2,343	1,568	2,672	954	1,348	1,923	1,539	510	947	7,456	3,399	24,658

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
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
2009	2,608	1,939	2,780	721	1,420	2,188	2,178	600	1,323	10,661	5,194
2010	2,768	2,075	2,932	566	1,469	2,379	2,407	700	1,492	11,213	5,832
2011	2,921	2,199	3,042	811	1,519	2,425	2,415	730	1,512	11,424	5,935
2012	2,746	2,113	2,889	809	1,433	2,388	2,273	681	1,414	11,112	5,516

Historic Winter Non-Coincident Peak Demand by Zone - MW

Year	A	B	C	D	E	F	G	H	I	J	K
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	1,694	558	899	8,340	3,633
2009-10	2,363	1,584	2,558	657	1,377	1,804	1,599	578	954	7,612	3,528
2010-11	2,425	1,608	2,657	701	1,359	1,899	1,586	580	975	7,661	3,555
2011-12	2,241	1,542	2,532	906	1,309	1,792	1,618	542	893	7,417	3,412
2012-13	2,381	1,594	2,672	965	1,356	1,923	1,539	525	965	7,535	3,399

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
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
2009	8/17/2009	16	30,844
2010	7/6/2010	17	33,452
2011	7/22/2011	16	33,865
2012	7/17/2012	17	32,439

Winter Peak Dates & Times

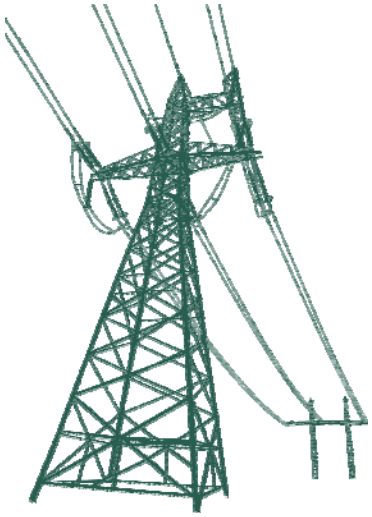
November 1 through following April 30

Year	Date	Hour Ending	Winter Peak MW
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
2009 - 10	12/17/2009	18	24,074
2010 - 11	12/14/2010	18	24,654
2011-12	1/3/2012	18	23,901
2012-13	1/24/2013	19	24,658

* Record peaks are highlighted.

SECTION II:

CHANGES IN GENERATING CAPACITY SINCE THE 2012 LOAD AND CAPACITY DATA REPORT



Summary of Significant Changes in Generation and Generating Facilities Since the 2012 Load and Capacity Data Report

The 2013 *Load and Capacity Data* report reflects a reclassification of the Gas, Oil, and Dual Fuel (Gas & Oil) units. During 2012, the NYISO performed a review of the fuels used by gas-fired and oil-fired generating units to verify the category they were placed in. This included a review of their environmental permits, which specifies the types of fuels the units are permitted to combust. As a result, the Summer Capability of dual-fueled units increased by 3,672 MW with a corresponding decrease in the Summer Capability of gas- and oil-fueled units.

Changes in Existing Generation Since the 2012 Load & Capacity Data Report

The Summer 2013 Installed Capacity of 37,920 MW in the NYCA is 982 MW less than the Summer 2012 generating capacity of 38,902 MW, due to retirements, additions, uprates and ratings changes (see Table II-1), as described in Section III.[6] This data is as of March 31, 2013.

Table II-1: Summary of Changes in Summer Capacity Since the 2012 Gold Book – MW

Generator Type	2012 Capacity	Retirements	Additions and Uprates	Reclassification	Ratings Changes	2013 Capacity
Gas	6,124	-224		-2,912	-25	2,963
Oil	3,309	-39		-760	-5	2,505
Gas & Oil	14,365	-608	494	3,672	87	18,010
Coal	2,370	-820			-3	1,547
Nuclear	5,263		168		-20	5,411
Pumped Storage	1,407				0	1,407
Hydro	4,279	-3			0	4,276
Wind	1,363				4	1,367
Other	422	0	3		9	434
Total	38,902	-1,694	665	0	47	37,920

Twenty-three generating facilities totaling 1,694 MW of Summer Capability have either retired or provided notice of retirement during 2013 since the publication of the 2012 report, as described in Table IV-3a-1. As a new feature, Table IV-3a-2 displays a list of inactive units that have either been mothballed or placed under "protective lay-up" prior to the publication of this report.

Eleven new generating facilities with Summer Capability of 497 MW have been added since the publication of the 2012 *Load and Capacity Data* report, as listed by owner in Section III-2. The uprates of the capability of existing units added another 168 MW, for a total of increase in Summer Capability of 665 MW. In addition, a wind plant with nameplate capacity of 215 MW entered service in July 2012; however it is not participating in the Installed Capacity

[6] See footnote 2, p.3 for the definition of retirements. Additions and uprates refer to new units or equipment that was not in service in the previous year. A ratings change is a change in the generating capacity of existing units.

Market and therefore does not contribute to the 2013 NYCA Capacity total.[7] Ratings changes in existing generators resulted in a net increase of 47 MW. The reclassification of Gas and Oil units resulted in a decrease of 2,912 MW in Gas-only units, a decrease of 760 MW in Oil-only units, and a corresponding increase of 3,672 MW in dual fuel capability. Generator ratings are updated semi-annually for the Summer and Winter Capability periods.

Scheduled Changes to Generation After March 31, 2013 for the Summer of 2013

There is a scheduled increase in generation of 4.6 MW in the Summer of 2013 due to an uprate of capacity in two existing facilities.

Demand Response Resources for the Summer of 2013

The projected 2013 Summer Capability for Special Case Resources is 1,558 MW. The projected 2013 enrollment for the Emergency Demand Response Program (EDRP) is 144 MW. EDRP resources do not participate in the Installed Capacity Market.

Total Resource Capability for the Summer of 2013

The NYCA Resource Capability projected for 2013 Summer Capability period is 41,452 MW, which is comprised of the sum of existing facilities (37,920 MW), Special Case Resources (1,558 MW), Additions and Uprates (5 MW) and Net Purchases and Sales from external areas (1,969 MW). This is a decrease of 2,234 MW from the 2012 value of 43,686 MW. These values are reported in Table V-2a.

Summary of 2012 Electric Generation

In 2012, a total of 139,137 GWh was generated in the state, a decrease of -0.5% below 2011 during which 139,965 GWh was generated. Renewable energy generation was 30,630 GWh in 2012 (22.0% of total NYCA generation), as compared to 33,251 GWh in 2011 (23.8%). Within the renewable category, hydropower generation was 24,572 GWh in 2012, down from 27,634 GWh in 2011; wind generation was 3,060 GWh in 2012, up from 2,787 in 2011. Fossil-fueled energy generation in 2012 was 66,960 GWh (48.1%), as compared to 63,986 GWh in 2011 (45.7%). Within the fossil fuel category, generation from coal was 4,281 GWh, down from 9,328 GWh in 2011. Nuclear energy generation was 40,817 GWh in 2012 (29.4%), as compared to 42,728 GWh in 2011 (30.5%).

[7] Total nameplate capacity of wind units is 1,634 MW, of which 1,367 MW participates in the ICAP Market.

SECTION III:

EXISTING GENERATING CAPACITY
AS OF MARCH 31, 2013

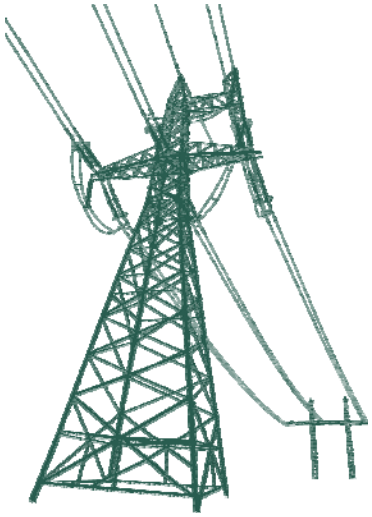


Table III-1: Existing Generating Facilities Codes and Abbreviation

FUEL TYPES

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

UNIT TYPES

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

COUNTY CODES
NEW YORK - NY - 36

001 Albany
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 YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
AES ES Westover LLC	Westover LESR	C	323668	Johnson City	007	36	2010-12-13	8.0		0.0	0.0		ES	BAT			0.0	
Albany Energy LLC	Albany LFGE	F	323615	Albany	001	36	1998-05-01	5.6	4.5	4.5	4.5		IC	MTE			25.2	
Astoria Energy II, LLC	Astoria Energy 2 - CC3	J	323677	Queens	081	36	2011-07-01	330.0	288.0	271.1	314.9		CC	NG	FO2		3,207.6	(G)
Astoria Energy II, LLC	Astoria Energy 2 - CC4	J	323678	Queens	081	36	2011-07-01	330.0	288.0	271.1	314.9		CC	NG	FO2			
Astoria Energy, LLC	Astoria East Energy - CC1	J	323581	Queens	081	36	2006-04-01	320.0	278.7	274.7	304.2		CC	NG	FO2		3,461.4	(G)
Astoria Energy, LLC	Astoria East Energy - CC2	J	323582	Queens	081	36	2006-04-01	320.0	278.7	274.7	304.2		CC	NG	FO2			
Astoria Generating Company L.P.	Astoria 3	J	23516	Queens	081	36	1958-09-01	376.0	369.9	375.5	376.6		ST	FO6	NG		518.1	
Astoria Generating Company L.P.	Astoria 4 (Ret. - 4/18/12)	J	23517	Queens	081	36	1961-03-01	387.0	375.6	0.0	0.0		ST	FO6	NG		0.0	(M)
Astoria Generating Company L.P.	Astoria 5	J	23518	Queens	081	36	1962-05-01	387.0	376.3	380.7	382.4		ST	FO6	NG		822.1	
Astoria Generating Company L.P.	Astoria GT 01	J	23523	Queens	081	36	1967-07-01	16.0	15.7	14.8	18.4		GT	NG			1.5	
Astoria Generating Company L.P.	Gowanus 1-1	J	24077	Brooklyn	047	36	1971-06-01	20.0	19.1	18.6	23.1		GT	FO2			0.7	
Astoria Generating Company L.P.	Gowanus 1-2	J	24078	Brooklyn	047	36	1971-06-01	20.0	17.1	18.5	22.4		GT	FO2			0.6	
Astoria Generating Company L.P.	Gowanus 1-3	J	24079	Brooklyn	047	36	1971-06-01	20.0	17.2	16.7	20.6		GT	FO2			0.3	
Astoria Generating Company L.P.	Gowanus 1-4	J	24080	Brooklyn	047	36	1971-06-01	20.0	17.1	15.8	19.7		GT	FO2			0.2	
Astoria Generating Company L.P.	Gowanus 1-5	J	24084	Brooklyn	047	36	1971-06-01	20.0	16.5	16.2	20.2		GT	FO2			0.5	
Astoria Generating Company L.P.	Gowanus 1-6	J	24111	Brooklyn	047	36	1971-06-01	20.0	18.0	15.9	19.7		GT	FO2			0.5	
Astoria Generating Company L.P.	Gowanus 1-7	J	24112	Brooklyn	047	36	1971-06-01	20.0	17.6	16.6	20.2		GT	FO2			0.6	
Astoria Generating Company L.P.	Gowanus 1-8	J	24113	Brooklyn	047	36	1971-06-01	20.0	16.1	15.0	18.8		GT	FO2			0.6	
Astoria Generating Company L.P.	Gowanus 2-1	J	24114	Brooklyn	047	36	1971-06-01	20.0	17.9	16.7	20.9		GT	FO2	NG		2.9	
Astoria Generating Company L.P.	Gowanus 2-2	J	24115	Brooklyn	047	36	1971-06-01	20.0	18.8	18.3	23.7		GT	FO2	NG		2.7	
Astoria Generating Company L.P.	Gowanus 2-3	J	24116	Brooklyn	047	36	1971-06-01	20.0	20.6	19.4	24.0		GT	FO2	NG		3.7	
Astoria Generating Company L.P.	Gowanus 2-4	J	24117	Brooklyn	047	36	1971-06-01	20.0	19.3	16.5	21.5		GT	FO2	NG		3.1	
Astoria Generating Company L.P.	Gowanus 2-5	J	24118	Brooklyn	047	36	1971-06-01	20.0	18.6	17.6	22.3		GT	FO2	NG		3.3	
Astoria Generating Company L.P.	Gowanus 2-6	J	24119	Brooklyn	047	36	1971-06-01	20.0	20.3	18.8	23.6		GT	FO2	NG		3.9	
Astoria Generating Company L.P.	Gowanus 2-7	J	24120	Brooklyn	047	36	1971-06-01	20.0	19.6	18.4	23.5		GT	FO2	NG		3.5	
Astoria Generating Company L.P.	Gowanus 2-8	J	24121	Brooklyn	047	36	1971-06-01	20.0	17.7	16.7	22.1		GT	FO2	NG		3.2	
Astoria Generating Company L.P.	Gowanus 3-1	J	24122	Brooklyn	047	36	1971-07-01	20.0	17.7	16.6	21.3		GT	FO2	NG		1.9	
Astoria Generating Company L.P.	Gowanus 3-2	J	24123	Brooklyn	047	36	1971-07-01	20.0	17.7	16.6	21.2		GT	FO2	NG		1.5	
Astoria Generating Company L.P.	Gowanus 3-3	J	24124	Brooklyn	047	36	1971-07-01	20.0	19.8	18.2	23.1		GT	FO2	NG		1.9	
Astoria Generating Company L.P.	Gowanus 3-4	J	24125	Brooklyn	047	36	1971-07-01	20.0	17.9	16.1	21.1		GT	FO2	NG		1.6	
Astoria Generating Company L.P.	Gowanus 3-5	J	24126	Brooklyn	047	36	1971-07-01	20.0	19.0	18.1	22.9		GT	FO2	NG		1.8	
Astoria Generating Company L.P.	Gowanus 3-6	J	24127	Brooklyn	047	36	1971-07-01	20.0	17.6	15.2	20.3		GT	FO2	NG		1.5	
Astoria Generating Company L.P.	Gowanus 3-7	J	24128	Brooklyn	047	36	1971-07-01	20.0	18.1	16.6	21.7		GT	FO2	NG		1.9	
Astoria Generating Company L.P.	Gowanus 3-8	J	24129	Brooklyn	047	36	1971-07-01	20.0	19.0	17.7	22.5		GT	FO2	NG		2.0	
Astoria Generating Company L.P.	Gowanus 4-1	J	24130	Brooklyn	047	36	1971-07-01	20.0	16.8	16.4	17.7		GT	FO2			0.1	
Astoria Generating Company L.P.	Gowanus 4-2	J	24131	Brooklyn	047	36	1971-07-01	20.0	17.3	17.3	21.4		GT	FO2			1.1	
Astoria Generating Company L.P.	Gowanus 4-3	J	24132	Brooklyn	047	36	1971-07-01	20.0	17.6	17.9	22.3		GT	FO2			1.1	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Astoria Generating Company L.P.	Gowanus 4-4		J	24133	Brooklyn	047	36	1971-07-01	20.0	17.1	16.4	19.9		GT	FO2			0.5	
Astoria Generating Company L.P.	Gowanus 4-5		J	24134	Brooklyn	047	36	1971-07-01	20.0	17.1	16.8	20.5		GT	FO2			0.5	
Astoria Generating Company L.P.	Gowanus 4-6		J	24135	Brooklyn	047	36	1971-07-01	20.0	18.6	18.4	22.8		GT	FO2			0.5	
Astoria Generating Company L.P.	Gowanus 4-7		J	24136	Brooklyn	047	36	1971-07-01	20.0	16.6	16.7	20.5		GT	FO2			0.5	
Astoria Generating Company L.P.	Gowanus 4-8		J	24137	Brooklyn	047	36	1971-07-01	20.0	19.0	17.0	20.8		GT	FO2			0.5	
Astoria Generating Company L.P.	Narrows 1-1		J	24228	Brooklyn	047	36	1972-05-01	22.0	21.0	18.6	23.9		GT	KER	NG		9.1	
Astoria Generating Company L.P.	Narrows 1-2		J	24229	Brooklyn	047	36	1972-05-01	22.0	19.5	17.4	22.3		GT	KER	NG		9.0	
Astoria Generating Company L.P.	Narrows 1-3		J	24230	Brooklyn	047	36	1972-05-01	22.0	20.4	18.4	23.4		GT	KER	NG		9.7	
Astoria Generating Company L.P.	Narrows 1-4		J	24231	Brooklyn	047	36	1972-05-01	22.0	20.1	18.6	24.1		GT	KER	NG		9.0	
Astoria Generating Company L.P.	Narrows 1-5		J	24232	Brooklyn	047	36	1972-05-01	22.0	19.8	18.3	23.6		GT	KER	NG		9.4	
Astoria Generating Company L.P.	Narrows 1-6		J	24233	Brooklyn	047	36	1972-05-01	22.0	18.9	17.3	22.5		GT	KER	NG		6.1	
Astoria Generating Company L.P.	Narrows 1-7		J	24234	Brooklyn	047	36	1972-05-01	22.0	18.4	17.1	21.7		GT	KER	NG		8.5	
Astoria Generating Company L.P.	Narrows 1-8		J	24235	Brooklyn	047	36	1972-05-01	22.0	19.9	17.2	21.4		GT	KER	NG		8.7	
Astoria Generating Company L.P.	Narrows 2-1		J	24236	Brooklyn	047	36	1972-06-01	22.0	19.4	19.6	24.6		GT	KER	NG		6.3	
Astoria Generating Company L.P.	Narrows 2-2		J	24237	Brooklyn	047	36	1972-06-01	22.0	18.7	17.4	24.9		GT	KER	NG		5.7	
Astoria Generating Company L.P.	Narrows 2-3		J	24238	Brooklyn	047	36	1972-06-01	22.0	18.4	18.6	21.0		GT	KER	NG		5.3	
Astoria Generating Company L.P.	Narrows 2-4		J	24239	Brooklyn	047	36	1972-06-01	22.0	18.4	17.5	22.1		GT	KER	NG		5.6	
Astoria Generating Company L.P.	Narrows 2-5		J	24240	Brooklyn	047	36	1972-06-01	22.0	19.9	18.2	23.4		GT	KER	NG		4.8	
Astoria Generating Company L.P.	Narrows 2-6		J	24241	Brooklyn	047	36	1972-06-01	22.0	18.1	16.5	20.8		GT	KER	NG		4.6	
Astoria Generating Company L.P.	Narrows 2-7		J	24242	Brooklyn	047	36	1972-06-01	22.0	20.7	19.0	23.5		GT	KER	NG		5.5	
Astoria Generating Company L.P.	Narrows 2-8		J	24243	Brooklyn	047	36	1972-06-01	22.0	17.5	17.4	22.9		GT	KER	NG		3.8	
Athens Generating Company, LP	Athens 1		F	23668	Athens	039	36	2004-05-01	441.0	316.6	304.7	393.1		CC	NG	FO2		1,529.4	(F)
Athens Generating Company, LP	Athens 2		F	23670	Athens	039	36	2004-05-01	441.0	315.6	316.3	410.2		CC	NG	FO2		2,232.5	(F)
Athens Generating Company, LP	Athens 3		F	23677	Athens	039	36	2004-05-01	441.0	312.8	315.3	398.4		CC	NG	FO2		1,969.9	(F)
Bayonne Energy Center, LLC	Bayonne EC	CTG1	J	323682	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	63.0	64.0		JE	NG	KER	69.1	(1) (N)
Bayonne Energy Center, LLC	Bayonne EC	CTG2	J	323683	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	61.2	64.0		JE	NG	KER	65.1	(2) (N)
Bayonne Energy Center, LLC	Bayonne EC	CTG3	J	323684	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	60.6	64.0		JE	NG	KER	65.9	(3) (N)
Bayonne Energy Center, LLC	Bayonne EC	CTG4	J	323685	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	61.5	64.0		JE	NG	KER	65.5	(4) (N)
Bayonne Energy Center, LLC	Bayonne EC	CTG5	J	323686	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	61.2	64.0		JE	NG	KER	61.5	(5) (N)
Bayonne Energy Center, LLC	Bayonne EC	CTG6	J	323687	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	61.8	64.0		JE	NG	KER	59.8	(6) (N)
Bayonne Energy Center, LLC	Bayonne EC	CTG7	J	323688	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	62.3	64.0		JE	NG	KER	59.1	(7) (N)
Bayonne Energy Center, LLC	Bayonne EC	CTG8	J	323689	Bayonne	NJ	017	34	2012-06-01	64.0	64.0	62.7	64.0		JE	NG	KER	56.0	(8) (N)
Boralex Hydro Operations Inc	Fourth Branch		F	23824	Waterford	091	36	1987-12-01	3.3	3.5	3.3	3.3		HY	WAT			15.0	
Boralex Hydro Operations Inc	NYS Dam		F	23527	Waterford	091	36	1990-12-01	11.4	11.3	11.4	11.4		HY	WAT			45.3	
Boralex Hydro Operations Inc	Sissonville		E	23735	Potsdam	089	36	1990-08-01	3.1	3.0	3.1	3.1		HY	WAT			1.5	
Boralex Hydro Operations Inc	Warrensburg		F	23737	Warrensburg	113	36	1988-12-01	2.9	3.0	2.9	2.9		HY	WAT			11.9	
Calpine Energy Service LP	Bethpage		K	23823	Hicksville	059	36	1989-09-01	83.6	54.9	50.9	57.1		CC	NG			197.9	(F)

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Calpine Energy Service LP	Bethpage GT4		K	323586	Hicksville	059	36	2002-07-01	60.0	48.2	45.2	47.7		GT	NG			106.6	
Calpine Energy Service LP	KIAC GT 01 (JFK)		J	23816	Jamaica	081	36	1995-01-01	47.1	44.8	46.0	45.4	YES	CC	NG	FO2		664.5	(F) (G)
Calpine Energy Service LP	KIAC GT 02 (JFK)		J	23817	Jamaica	081	36	1995-01-01	47.1	44.8	46.0	45.4	YES	CC	NG	FO2			(F)
Calpine Energy Service LP	KIAC ST 01 (JFK)		J	23817	Jamaica	081	36	1995-01-01	27.0	27.8	26.4	26.0	YES	CC	NG	FO2			(F)
Canandaigua Power Partners, LLC	Canandaigua Wind Power		C	323617	Avoca	101	36	2008-12-05	125.0	125.0	125.0	125.0		WT	WND			247.0	
Canastota Windpower LLC	Fenner Wind Power		C	24204	Fenner	053	36	2001-12-01	30.0	30.0	0.0	0.0		WT	WND			59.0	
Carr Street Generating Station LP	Carr St.-E. Syr		C	24060	Dewitt	067	36	1993-08-01	122.6	89.0	88.4	105.8		CC	NG	FO2		66.7	(F)
Castleton Power, LLC	Fort Orange		F	23900	Castleton	083	36	1992-01-01	72.0	67.0	60.5	72.0		CC	NG	FO2		143.3	(F)
Cayuga Operating Company, LLC	Cayuga 1		C	23584	Lansing	109	36	1955-09-01	155.3	154.1	151.6	152.8		ST	BIT			239.8	(S)
Cayuga Operating Company, LLC	Cayuga 2		C	23585	Lansing	109	36	1958-10-01	167.2	154.7	153.0	156.6		ST	BIT			226.9	(S)
Cayuga Operating Company, LLC	Cayuga IC 1		C	23629	Lansing	109	36	1967-08-01	2.8	2.8	0.0	0.0		IC	FO2			0.0	
Cayuga Operating Company, LLC	Cayuga IC 2		C	23629	Lansing	109	36	1967-08-01	2.8	2.8	0.0	0.0		IC	FO2			0.0	
Central Hudson Gas & Elec. Corp.	Coxsackie GT		G	23611	Coxsackie	039	36	1969-12-01	21.6	19.9	0.0	0.0		GT	KER	NG		0.0	
Central Hudson Gas & Elec. Corp.	Dashville 1		G	23610	Rifton	111	36	1920-01-01	2.4	2.7	0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Dashville 2		G	23610	Rifton	111	36	1920-01-01	2.4	2.7	0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	DCRRA		G	23765	Poughkeepsie	027	36	1987-09-01	9.2	8.8	7.2	8.0		ST	REF			48.4	
Central Hudson Gas & Elec. Corp.	High Falls		G	23754	Marbletown	111	36	1986-12-01	3.2	3.0	0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Millpond		G	5004	Catskill	039	36	1993-12-01	0.9		0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Montgomery West		G	5005	Montgomery	071	36	1985-11-01	0.2		0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Salisbury Mills		G	5006	Salisbury Mills	071	36	1986-12-01	0.5		0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	South Cairo		G	23612	Cairo	039	36	1970-06-01	21.6	17.8	0.0	0.0		GT	KER			0.0	
Central Hudson Gas & Elec. Corp.	Sturgeon 1		G	23609	Rifton	111	36	1924-01-01	4.8	5.0	0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Sturgeon 2		G	23609	Rifton	111	36	1924-01-01	4.8	5.8	0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Sturgeon 3		G	23609	Rifton	111	36	1924-01-01	4.8	5.0	0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Wallkill		G	5007	Shwangunk	111	36	1986-12-01	0.5		0.0	0.0		HY	WAT			0.0	
Central Hudson Gas & Elec. Corp.	Wappingers Falls		G	23765	Wappingers	027	36	1988-12-01	2.0	2.0	2.0	2.1		HY	WAT			6.9	
CHI Energy Inc	Goodyear Lake		E	323669	Milford	077	36	1980-07-01	2.0	0.0	0.0	0.0		HY	WAT			4.3	
Commerce Energy, Inc.	Steel Wind		A	323596	Lackawanna	029	36	2007-01-23	20.0	20.0	20.0	20.0		WT	WND			48.5	
Consolidated Edison Co. of NY, Inc.	59 St. GT 1		J	24138	Manhattan	061	36	1969-06-01	17.1	15.4	15.2	20.4		GT	KER	NG		0.6	(F)
Consolidated Edison Co. of NY, Inc.	74 St. GT 1		J	24260	Manhattan	061	36	1968-10-01	18.5	19.0	14.0	18.3		GT	KER			0.4	
Consolidated Edison Co. of NY, Inc.	74 St. GT 2		J	24261	Manhattan	061	36	1968-10-01	18.5	20.1	17.6	20.8		GT	KER			0.5	
Consolidated Edison Co. of NY, Inc.	Brooklyn Navy Yard		J	23515	Brooklyn	047	36	1996-11-01	322.0	266.9	270.2	274.3	YES	CC	NG	FO2		1,599.9	
Consolidated Edison Co. of NY, Inc.	East River 1		J	323558	Manhattan	061	36	2005-04-01	185.0	148.5	145.9	179.1		CC	NG	KER		1,153.7	
Consolidated Edison Co. of NY, Inc.	East River 2		J	323559	Manhattan	061	36	2005-04-05	189.0	150.4	146.7	178.8		CC	NG	KER		1,192.7	
Consolidated Edison Co. of NY, Inc.	East River 6		J	23660	Manhattan	061	36	1951-11-01	156.2	134.3	137.3	140.4	YES	ST	FO6	NG		495.9	
Consolidated Edison Co. of NY, Inc.	East River 7		J	23524	Manhattan	061	36	1955-06-01	200.0	184.7	183.9	180.3	YES	ST	FO6	NG		247.0	
Consolidated Edison Co. of NY, Inc.	Hudson Ave 3		J	23810	Brooklyn	047	36	1970-07-01	16.3	16.0	15.3	16.8		GT	KER			0.8	

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

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Consolidated Edison Co. of NY, Inc.	Hudson Ave 4	J	23540	Brooklyn	047	36	1970-07-01	16.3	13.9	14.4	16.4		GT	KER			0.7	
Consolidated Edison Co. of NY, Inc.	Hudson Ave 5	J	23657	Brooklyn	047	36	1970-07-01	16.3	15.1	15.4	17.3		GT	KER			0.3	
Consolidated Edison Energy, Inc.	Massena	D	23902	Massena	089	36	1992-07-01	102.1	82.2	80.4	92.0		CC	NG	FO2		6.5	
Consolidated Edison Energy, Inc.	Rensselaer	F	23796	Rensselaer	083	36	1993-12-01	103.7	79.0	77.4	82.7		CC	NG	FO2		69.9	(F)
Consolidated Hydro New York, Inc.	Groveville Hydro	G	323602	Beacon	027	36	1983-12-01	2.0	0.8	0.0	0.0		HY	WAT			1.8	
Consolidated Hydro New York, Inc.	Walden Hydro	G	24148	Walden	071	36	1983-12-01	2.4	1.5	0.0	0.0		HY	WAT			5.3	
Constellation Energy Commodities Group, Inc.	Chaffee	A	323603	Chaffee	029	36	2007-08-09	6.4	6.4	6.4	6.4		IC	MTE			54.1	
Constellation Energy Commodities Group, Inc.	High Acres 1	C	23767	Fairport	117	36	1991-06-01	3.2	3.2	3.2	3.2		IC	MTE			25.3	
Constellation Energy Commodities Group, Inc.	High Acres 2	C	23767	Fairport	117	36	2008-02-28	6.4	6.4	6.4	6.4		IC	MTE			53.0	
Constellation Energy Commodities Group, Inc.	Madison County LF	E	323628	Wampsville	053	36	2010-03-01	1.6	1.6	1.6	1.6		IC	MTE			6.2	
Constellation Energy Commodities Group, Inc.	Mill Seat	B	323607	Riga	055	36	2007-07-20	6.4	6.4	6.4	6.4		IC	MTE			52.7	
Constellation Energy Commodities Group, Inc.	Monroe Livingston	B	24207	Scottsville	055	36	1988-11-01	2.4	2.4	2.4	2.4		IC	MTE			10.5	
Constellation Energy Commodities Group, Inc.	Synergy Biogas	B	323694	Wyoming	121	36	2012-09-01	2.0	2.0	0.0	0.0		IC	MTE			1.5	
Covanta Niagara, LP	American Ref-Fuel 1	A	24010	Niagara	063	36	1993-05-01	25.0	19.6	19.2	17.3	YES	ST	REF			146.9	
Covanta Niagara, LP	American Ref-Fuel 2	A	24010	Niagara	063	36	1993-05-01	25.0	19.6	19.2	17.3	YES	ST	REF			100.4	
Delaware County	Delaware LFGE	E	323621	Walton	025	36	2009-02-11	2.0		0.0	0.0		IC	MTE			0.0	
Dynegy Danskammer, LLC	Danskammer 1 (Ret. 1/3/13)	G	23586	Newburgh	071	36	1951-12-01	72.0	67.0	0.0	0.0		ST	FO6	NG		4.6	(T)
Dynegy Danskammer, LLC	Danskammer 2 (Ret. 1/3/13)	G	23589	Newburgh	071	36	1954-09-01	73.5	62.7	0.0	0.0		ST	FO6	NG		4.5	(T)
Dynegy Danskammer, LLC	Danskammer 3 (Ret. 1/3/13)	G	23590	Newburgh	071	36	1959-10-01	147.1	137.2	0.0	0.0		ST	BIT	NG		98.8	(T)
Dynegy Danskammer, LLC	Danskammer 4 (Ret. 1/3/13)	G	23591	Newburgh	071	36	1967-09-01	239.4	236.2	0.0	0.0		ST	BIT	NG		200.2	(T)
Dynegy Danskammer, LLC	Danskammer 5 (Ret. 1/3/13)	G	23592	Newburgh	071	36	1967-01-01	2.7	2.5	0.0	0.0		IC	FO2			0.0	(T)
Dynegy Danskammer, LLC	Danskammer 6 (Ret. 1/3/13)	G	23592	Newburgh	071	36	1967-01-01	2.7	2.5	0.0	0.0		IC	FO2			0.0	(T)
Dynegy Roseton, LLC	Roseton 1	G	23587	Newburgh	071	36	1974-12-01	621.0	614.8	612.2	612.2		ST	FO6	NG	FO2	226.1	
Dynegy Roseton, LLC	Roseton 2	G	23588	Newburgh	071	36	1974-09-01	621.0	605.7	594.0	587.5		ST	FO6	NG	FO2	194.8	
Eagle Creek Hydro Power, LLC	Mongaup 1	G	23641	Forestburg	105	36	1923-07-01	1.0	0.9	1.0	1.0		HY	WAT			9.9	(G)
Eagle Creek Hydro Power, LLC	Mongaup 2	G	23641	Forestburg	105	36	1923-07-01	1.0	1.0	1.0	1.0		HY	WAT				
Eagle Creek Hydro Power, LLC	Mongaup 3	G	23641	Forestburg	105	36	1923-07-01	1.0	1.0	1.0	1.0		HY	WAT				
Eagle Creek Hydro Power, LLC	Mongaup 4	G	23641	Forestburg	105	36	1926-01-01	1.0	1.0	1.0	1.0		HY	WAT				
Eagle Creek Hydro Power, LLC	Rio	G	23641	Glen Spey	105	36	1927-12-01	10.8	10.6	9.5	9.6		HY	WAT			14.7	
Eagle Creek Hydro Power, LLC	Swinging Bridge 2	G	23641	Forestburg	105	36	1930-02-01	7.0	7.9	6.4	6.4		HY	WAT			5.7	
East Coast Power, LLC	Linden Cogen	J	23786	Linden NJ	039	34	1992-05-01	1,034.9	753.3	755.8	800.0	YES	CC	NG	BUT		2,945.6	(F)
EDF Trading North America, LLC	Saranac Energy 1	D	23793	Plattsburgh	019	36	1994-06-01	95.2	84.6	83.9	93.5		CT	NG			162.7	
EDF Trading North America, LLC	Saranac Energy 2	D	23793	Plattsburgh	019	36	1994-06-01	95.2	84.6	83.9	93.5		CT	NG			136.9	
EDF Trading North America, LLC	Saranac Energy 3	D	23793	Plattsburgh	019	36	1994-06-01	95.2	84.6	83.9	93.5		CW	NG			153.5	
Empire Generating Co, LLC	EMPIRE_CC_1	F	323656	Rensselaer	083	36	2010-09-02	335.0	294.2	294.2	339.4		CC	NG	FO2		1,958.6	
Empire Generating Co, LLC	EMPIRE_CC_2	F	323658	Rensselaer	083	36	2010-09-02	335.0	298.2	295.0	339.8		CC	NG	FO2		1,758.1	
Entergy Nuclear Power Marketing LLC	Fitzpatrick 1	C	23598	Scriba	075	36	1975-07-01	882.0	858.9	846.5	848.2		NB	UR			6,070.5	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Entergy Nuclear Power Marketing LLC	Indian Pt 2		H	23530	Buchanan	119	36	1973-08-01	1,299.0	1,026.5	1,024.5	1,031.3		NP	UR			7,934.9	
Entergy Nuclear Power Marketing LLC	Indian Pt 3		H	23531	Buchanan	119	36	1976-04-01	1,012.0	1,040.4	1,044.2	1,044.3		NP	UR			9,003.0	
Erie Blvd. Hydro - Beaver River	Belfort 1		E	24048		049	36	1903-01-01	0.4	0.4	0.4	0.4		HY	WAT			1.8	
Erie Blvd. Hydro - Beaver River	Belfort 2		E	24048		049	36	1915-01-01	0.6	0.6	0.6	0.6		HY	WAT			2.9	
Erie Blvd. Hydro - Beaver River	Belfort 3		E	24048		049	36	1918-01-01	1.0	1.0	1.0	1.0		HY	WAT			5.0	
Erie Blvd. Hydro - Beaver River	Eagle 1		E	24048		049	36	1914-01-01	1.3	1.2	1.3	1.3		HY	WAT			9.1	
Erie Blvd. Hydro - Beaver River	Eagle 2		E	24048		049	36	1915-01-01	1.4	1.3	1.4	1.4		HY	WAT			3.1	
Erie Blvd. Hydro - Beaver River	Eagle 3		E	24048		049	36	1919-01-01	1.4	1.3	1.4	1.4		HY	WAT			2.8	
Erie Blvd. Hydro - Beaver River	Eagle 4		E	24048		049	36	1925-01-01	2.1	2.0	2.1	2.1		HY	WAT			12.7	
Erie Blvd. Hydro - Beaver River	Effley 1		E	24048		049	36	1902-01-01	0.4	0.3	0.4	0.4		HY	WAT			2.6	
Erie Blvd. Hydro - Beaver River	Effley 2		E	24048		049	36	1907-01-01	0.4	0.3	0.4	0.4		HY	WAT			2.2	
Erie Blvd. Hydro - Beaver River	Effley 3		E	24048		049	36	1910-01-01	0.6	0.5	0.6	0.6		HY	WAT			4.2	
Erie Blvd. Hydro - Beaver River	Effley 4		E	24048		049	36	1923-01-01	1.6	1.5	1.6	1.6		HY	WAT			3.9	
Erie Blvd. Hydro - Beaver River	Elmer 1		E	24048		049	36	1916-01-01	0.8	0.9	0.8	0.8		HY	WAT			4.1	
Erie Blvd. Hydro - Beaver River	Elmer 2		E	24048		049	36	1916-01-01	0.8	0.9	0.8	0.8		HY	WAT			5.2	
Erie Blvd. Hydro - Beaver River	High Falls 1		E	24048		049	36	1925-01-01	1.6	1.9	1.6	1.6		HY	WAT			7.3	
Erie Blvd. Hydro - Beaver River	High Falls 2		E	24048		049	36	1925-01-01	1.6	1.9	1.6	1.6		HY	WAT			2.2	
Erie Blvd. Hydro - Beaver River	High Falls 3		E	24048		049	36	1925-01-01	1.6	1.9	1.6	1.6		HY	WAT			15.6	
Erie Blvd. Hydro - Beaver River	Moshier 1		E	24048		043	36	1929-01-01	4.0	4.0	4.0	4.0		HY	WAT			20.1	
Erie Blvd. Hydro - Beaver River	Moshier 2		E	24048		043	36	1929-01-01	4.0	4.0	4.0	4.0		HY	WAT			9.6	
Erie Blvd. Hydro - Beaver River	Soft Maple 1		E	24048		049	36	1925-01-01	7.5	8.0	7.5	7.5		HY	WAT			19.8	
Erie Blvd. Hydro - Beaver River	Soft Maple 2		E	24048		049	36	1925-01-01	7.5	8.0	7.5	7.5		HY	WAT			9.3	
Erie Blvd. Hydro - Beaver River	Taylorville 1		E	24048		049	36	1913-01-01	1.1	1.0	1.1	1.1		HY	WAT			7.8	
Erie Blvd. Hydro - Beaver River	Taylorville 2		E	24048		049	36	1913-01-01	1.1	1.0	1.1	1.1		HY	WAT			3.9	
Erie Blvd. Hydro - Beaver River	Taylorville 3		E	24048		049	36	1913-01-01	1.1	1.0	1.1	1.1		HY	WAT			1.6	
Erie Blvd. Hydro - Beaver River	Taylorville 4		E	24048		049	36	1927-01-01	1.2	1.1	1.2	1.2		HY	WAT			6.8	
Erie Blvd. Hydro - Black River	Beebee Island 1		E	24047		045	36	1963-01-01	4.0	4.4	4.0	4.0		HY	WAT			12.2	
Erie Blvd. Hydro - Black River	Beebee Island 2		E	24047		045	36	1968-01-01	4.0	4.4	4.0	4.0		HY	WAT			28.7	
Erie Blvd. Hydro - Black River	Black River 1		E	24047		045	36	1920-01-01	2.0	2.3	2.0	2.0		HY	WAT			8.0	
Erie Blvd. Hydro - Black River	Black River 2		E	24047		045	36	1920-01-01	2.0	2.3	2.0	2.0		HY	WAT			14.7	
Erie Blvd. Hydro - Black River	Black River 3		E	24047		045	36	1920-01-01	2.0	2.3	2.0	2.0		HY	WAT			5.2	
Erie Blvd. Hydro - Black River	Deferiet 1		E	24047		045	36	1925-01-01	3.6	3.7	3.6	3.6		HY	WAT			13.6	
Erie Blvd. Hydro - Black River	Deferiet 2		E	24047		045	36	1925-01-01	3.6	3.7	3.6	3.6		HY	WAT			24.0	
Erie Blvd. Hydro - Black River	Deferiet 3		E	24047		045	36	1925-01-01	3.6	3.7	3.6	3.6		HY	WAT			8.9	
Erie Blvd. Hydro - Black River	Herrings 1		E	24047		045	36	1924-01-01	1.8	1.8	1.8	1.8		HY	WAT			2.6	
Erie Blvd. Hydro - Black River	Herrings 2		E	24047		045	36	1924-01-01	1.8	1.8	1.8	1.8		HY	WAT			8.4	
Erie Blvd. Hydro - Black River	Herrings 3		E	24047		045	36	1924-01-01	1.8	1.8	1.8	1.8		HY	WAT			3.9	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Erie Blvd. Hydro - Black River	Kamargo	1	E	24047		045	36	1921-01-01	1.8	1.8	1.8	1.8		HY	WAT			7.5	
Erie Blvd. Hydro - Black River	Kamargo	2	E	24047		045	36	1921-01-01	1.8	1.8	1.8	1.8		HY	WAT			10.3	
Erie Blvd. Hydro - Black River	Kamargo	3	E	24047		045	36	1921-01-01	1.8	1.8	1.8	1.8		HY	WAT			4.0	
Erie Blvd. Hydro - Black River	Sewalls	1	E	24047		045	36	1925-01-01	1.0	1.1	1.0	1.0		HY	WAT			5.6	
Erie Blvd. Hydro - Black River	Sewalls	2	E	24047		045	36	1925-01-01	1.0	1.1	1.0	1.0		HY	WAT			5.0	
Erie Blvd. Hydro - East Canada Capital	Beardslee	1	F	24051		043	36	1924-01-01	10.0	9.5	10.5	10.5		HY	WAT			21.4	
Erie Blvd. Hydro - East Canada Capital	Beardslee	2	F	24051		043	36	1924-01-01	10.0	9.5	10.5	10.5		HY	WAT			27.0	
Erie Blvd. Hydro - East Canada Capital	Ephratah	1	F	24051		035	36	1920-01-01	1.4	0.7	1.4	1.4		HY	WAT			2.8	
Erie Blvd. Hydro - East Canada Capital	Ephratah	2	F	24051		035	36	1911-01-01	1.2	0.6	1.3	1.3		HY	WAT			0.0	
Erie Blvd. Hydro - East Canada Capital	Ephratah	4	F	24051		035	36	1911-01-01	1.3	0.7	1.4	1.4		HY	WAT			7.1	
Erie Blvd. Hydro - East Canada Mohawk	Inghams	1	E	24050		043	36	1912-01-01	3.2	3.5	3.2	3.2		HY	WAT			13.1	
Erie Blvd. Hydro - East Canada Mohawk	Inghams	2	E	24050		043	36	1912-01-01	3.2	3.5	3.2	3.2		HY	WAT			14.9	
Erie Blvd. Hydro - Lower Hudson	Johnsonville	1	F	24059	Johnsonville	083	36	1909-01-01	2.4	1.3	2.4	2.4		HY	WAT			3.5	
Erie Blvd. Hydro - Lower Hudson	Schaghticoke	1	F	24059	Schaghticoke	083	36	1908-01-01	3.3	4.1	3.3	3.3		HY	WAT			13.2	
Erie Blvd. Hydro - Lower Hudson	Schaghticoke	2	F	24059	Schaghticoke	083	36	1908-01-01	3.3	4.1	3.3	3.3		HY	WAT			7.5	
Erie Blvd. Hydro - Lower Hudson	Schaghticoke	3	F	24059	Schaghticoke	083	36	1908-01-01	3.3	4.1	3.3	3.3		HY	WAT			11.2	
Erie Blvd. Hydro - Lower Hudson	Schaghticoke	4	F	24059	Schaghticoke	083	36	1908-01-01	3.3	4.1	3.3	3.3		HY	WAT			13.7	
Erie Blvd. Hydro - Lower Hudson	School Street	1	F	24059	Cohoes	001	36	1974-01-01	7.2	6.9	7.2	7.2		HY	WAT			35.9	
Erie Blvd. Hydro - Lower Hudson	School Street	2	F	24059	Cohoes	001	36	1915-01-01	7.2	6.9	7.2	7.2		HY	WAT			36.2	
Erie Blvd. Hydro - Lower Hudson	School Street	3	F	24059	Cohoes	001	36	1915-01-01	7.2	6.9	7.2	7.2		HY	WAT			12.6	
Erie Blvd. Hydro - Lower Hudson	School Street	4	F	24059	Cohoes	001	36	1922-01-01	7.2	6.9	7.2	7.2		HY	WAT			19.6	
Erie Blvd. Hydro - Lower Hudson	School Street	5	F	24059	Cohoes	001	36	1924-01-01	10.0	9.6	10.0	10.0		HY	WAT			35.7	
Erie Blvd. Hydro - Lower Hudson	Schuylerville		F	24059	Schuylerville	091	36	1919-01-01	1.2	1.5	1.2	1.2		HY	WAT			6.5	
Erie Blvd. Hydro - Lower Raquette	Colton	1	E	24057		089	36	1962-01-01	10.0	10.0	10.0	10.0		HY	WAT			47.9	
Erie Blvd. Hydro - Lower Raquette	Colton	2	E	24057		089	36	1918-01-01	10.0	10.0	10.0	10.0		HY	WAT			61.1	
Erie Blvd. Hydro - Lower Raquette	Colton	3	E	24057		089	36	1928-01-01	10.0	10.0	10.0	10.0		HY	WAT			69.5	
Erie Blvd. Hydro - Lower Raquette	East Norfolk		E	24057		089	36	1928-01-01	3.0	4.0	3.0	3.0		HY	WAT			21.0	
Erie Blvd. Hydro - Lower Raquette	Hannawa Falls	1	E	24057		089	36	1914-01-01	3.6	3.7	3.6	3.6		HY	WAT			10.9	
Erie Blvd. Hydro - Lower Raquette	Hannawa Falls	2	E	24057		089	36	1920-01-01	3.6	3.7	3.6	3.6		HY	WAT			14.4	
Erie Blvd. Hydro - Lower Raquette	Higley	1	E	24057		089	36	1913-01-01	1.2	1.1	1.2	1.2		HY	WAT			9.8	
Erie Blvd. Hydro - Lower Raquette	Higley	2	E	24057		089	36	1913-01-01	1.2	1.1	1.2	1.2		HY	WAT			6.3	
Erie Blvd. Hydro - Lower Raquette	Higley	3	E	24057		089	36	1943-01-01	2.1	2.0	2.1	2.1		HY	WAT			9.7	
Erie Blvd. Hydro - Lower Raquette	Higley	4	E	24057		089	36	1943-01-01	2.1	2.0	2.1	2.1		HY	WAT			6.3	
Erie Blvd. Hydro - Lower Raquette	Norfolk		E	24057		089	36	1928-01-01	4.5	4.8	4.5	4.5		HY	WAT			24.9	
Erie Blvd. Hydro - Lower Raquette	Norwood		E	24057		089	36	1928-01-01	2.0	2.2	2.0	2.0		HY	WAT			13.6	
Erie Blvd. Hydro - Lower Raquette	Raymondville		E	24057		089	36	1928-01-01	2.0	2.1	2.0	2.0		HY	WAT			13.1	
Erie Blvd. Hydro - Lower Raquette	Sugar Island	1	E	24057		089	36	1924-01-01	2.6	2.1	2.6	2.6		HY	WAT			10.7	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Erie Blvd. Hydro - Lower Raquette	Sugar Island	2	E	24057		089	36	1924-01-01	2.4	2.0	2.4	2.4		HY	WAT			12.0	
Erie Blvd. Hydro - Lower Raquette	Yaleville	1	E	24057		089	36	1940-01-01	0.5	0.2	0.5	0.5		HY	WAT			1.8	
Erie Blvd. Hydro - Lower Raquette	Yaleville	2	E	24057		089	36	1940-01-01	0.7	0.3	0.7	0.7		HY	WAT			1.2	
Erie Blvd. Hydro - North Salmon	Allens Falls		D	24042		089	36	1927-01-01	4.4	5.0	4.4	4.4		HY	WAT			22.4	
Erie Blvd. Hydro - North Salmon	Chasm	1	D	24042		033	36	1913-01-01	1.0	1.1	1.0	1.0		HY	WAT			5.3	
Erie Blvd. Hydro - North Salmon	Chasm	2	D	24042		033	36	1913-01-01	1.0	1.1	1.0	1.0		HY	WAT			3.0	
Erie Blvd. Hydro - North Salmon	Chasm	3	D	24042		033	36	1926-01-01	1.4	1.6	1.4	1.4		HY	WAT			5.2	
Erie Blvd. Hydro - North Salmon	Franklin	1	D	24042		033	36	1911-01-01	1.1	1.1	1.1	1.1		HY	WAT			4.7	
Erie Blvd. Hydro - North Salmon	Franklin	2	D	24042		033	36	1926-01-01	1.1	1.1	1.1	1.1		HY	WAT			3.5	
Erie Blvd. Hydro - North Salmon	Hogansburg		D	24042		033	36	1930-01-01	0.7	0.3	0.7	0.7		HY	WAT			0.6	
Erie Blvd. Hydro - North Salmon	Macomb		D	24042		033	36	1940-01-01	1.0	0.9	1.0	1.0		HY	WAT			0.8	
Erie Blvd. Hydro - North Salmon	Parishville		D	24042		089	36	1925-01-01	2.4	2.3	2.4	2.4		HY	WAT			12.9	
Erie Blvd. Hydro - North Salmon	Piercefield	1	D	24042		089	36	1957-01-01	1.5	1.6	1.5	1.5		HY	WAT			9.4	
Erie Blvd. Hydro - North Salmon	Piercefield	2	D	24042		089	36	1924-01-01	0.6	0.6	0.6	0.6		HY	WAT			3.6	
Erie Blvd. Hydro - North Salmon	Piercefield	3	D	24042		089	36	1924-01-01	0.6	0.6	0.6	0.6		HY	WAT			3.6	
Erie Blvd. Hydro - NYS Barge	Hydraulic Race		A	23848		063	36	1942-01-01	4.7	3.1	4.6	4.6		HY	WAT			9.2	
Erie Blvd. Hydro - Oak Orchard	Glenwood	1	B	24046		073	36	1950-01-01	0.5	0.5	0.5	0.5		HY	WAT			2.2	
Erie Blvd. Hydro - Oak Orchard	Glenwood	2	B	24046		073	36	1950-01-01	0.5	0.5	0.5	0.5		HY	WAT			2.4	
Erie Blvd. Hydro - Oak Orchard	Glenwood	3	B	24046		073	36	1950-01-01	0.5	0.5	0.5	0.5		HY	WAT			1.8	
Erie Blvd. Hydro - Oak Orchard	Oak Orchard		B	24046		073	36	1941-01-01	0.4	0.3	0.3	0.3		HY	WAT			1.1	
Erie Blvd. Hydro - Oak Orchard	Waterport	1	B	24046		073	36	1941-01-01	2.3	1.6	2.2	2.2		HY	WAT			3.5	
Erie Blvd. Hydro - Oak Orchard	Waterport	2	B	24046		073	36	1968-01-01	2.5	1.8	2.4	2.4		HY	WAT			7.2	
Erie Blvd. Hydro - Oswegatchie	Browns Falls	1	E	24044		089	36	1923-01-01	7.5	8.0	7.5	7.5		HY	WAT			28.8	
Erie Blvd. Hydro - Oswegatchie	Browns Falls	2	E	24044		089	36	1923-01-01	7.5	8.0	7.5	7.5		HY	WAT			14.6	
Erie Blvd. Hydro - Oswegatchie	Eel Weir	1	E	24044		089	36	1928-01-01	0.5	0.3	0.5	0.5		HY	WAT			2.1	
Erie Blvd. Hydro - Oswegatchie	Eel Weir	2	E	24044		089	36	1938-01-01	1.1	0.8	1.1	1.1		HY	WAT			2.2	
Erie Blvd. Hydro - Oswegatchie	Eel Weir	3	E	24044		089	36	1938-01-01	1.1	0.8	1.1	1.1		HY	WAT			3.8	
Erie Blvd. Hydro - Oswegatchie	Flat Rock	1	E	24044		089	36	1924-01-01	3.0	2.6	3.0	3.0		HY	WAT			12.5	
Erie Blvd. Hydro - Oswegatchie	Flat Rock	2	E	24044		089	36	1924-01-01	3.0	2.6	3.0	3.0		HY	WAT			2.9	
Erie Blvd. Hydro - Oswegatchie	Heuvelton	1	E	24044		089	36	1924-01-01	0.5	0.4	0.5	0.5		HY	WAT			2.8	
Erie Blvd. Hydro - Oswegatchie	Heuvelton	2	E	24044		089	36	1924-01-01	0.5	0.4	0.5	0.5		HY	WAT			2.0	
Erie Blvd. Hydro - Oswegatchie	Lower Newton Falls	1	E	24044		089	36	2002-07-01	0.5	0.6	0.5	0.5		HY	WAT			2.3	
Erie Blvd. Hydro - Oswegatchie	Oswegatchie	1	E	24044		089	36	1937-01-01	0.6	1.3	0.6	0.6		HY	WAT			5.2	
Erie Blvd. Hydro - Oswegatchie	Oswegatchie	2	E	24044		089	36	1937-01-01	0.2	0.5	0.2	0.2		HY	WAT			2.0	
Erie Blvd. Hydro - Oswegatchie	South Edwards	1	E	24044		089	36	1937-01-01	1.0	1.2	1.0	1.0		HY	WAT			7.6	
Erie Blvd. Hydro - Oswegatchie	South Edwards	2	E	24044		089	36	1937-01-01	1.0	1.2	1.0	1.0		HY	WAT			3.5	
Erie Blvd. Hydro - Oswegatchie	South Edwards	3	E	24044		089	36	1921-01-01	0.7	0.8	0.7	0.7		HY	WAT			4.2	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Erie Blvd. Hydro - Oswegatchie	South Edwards 4		E	24044		089	36	1937-01-01	0.2	0.2	0.2	0.2		HY	WAT			1.1	
Erie Blvd. Hydro - Oswegatchie	Talcville 1		E	24044		089	36	1986-12-01	0.5	0.4	0.5	0.5		HY	WAT			2.4	
Erie Blvd. Hydro - Oswegatchie	Talcville 2		E	24044		089	36	1986-12-01	0.5	0.4	0.5	0.5		HY	WAT			0.7	
Erie Blvd. Hydro - Oswegatchie	Upper Newton Falls 2		E	24044		089	36	2002-07-01	0.5	0.4	0.5	0.5		HY	WAT			1.7	
Erie Blvd. Hydro - Oswegatchie	Upper Newton Falls 3		E	24044		089	36	2002-07-01	0.5	0.4	0.5	0.5		HY	WAT			2.6	
Erie Blvd. Hydro - Oswegatchie	Upper Newton Falls 4		E	24044		089	36	2002-07-01	0.5	0.4	0.5	0.5		HY	WAT			1.7	
Erie Blvd. Hydro - Seneca Oswego	Baldwinsville 1		C	24041		067	36	1927-01-01	0.3	0.2	0.3	0.3		HY	WAT			1.4	
Erie Blvd. Hydro - Seneca Oswego	Baldwinsville 2 (Ret. - 7/3/12)		C	24041		067	36	1927-01-01	0.3	0.2	0.0	0.0		HY	WAT			0.0	(M)
Erie Blvd. Hydro - Seneca Oswego	Fulton 1		C	24041		075	36	1924-01-01	0.8	0.7	0.8	0.8		HY	WAT			3.8	
Erie Blvd. Hydro - Seneca Oswego	Fulton 2		C	24041		075	36	1928-01-01	0.5	0.3	0.5	0.5		HY	WAT			0.8	
Erie Blvd. Hydro - Seneca Oswego	Granby 1		C	24041		075	36	1983-05-01	5.0	5.1	5.1	5.1		HY	WAT			12.1	
Erie Blvd. Hydro - Seneca Oswego	Granby 2		C	24041		075	36	1983-05-01	5.0	5.1	5.1	5.1		HY	WAT			17.6	
Erie Blvd. Hydro - Seneca Oswego	Minetto 2		C	24041		075	36	1915-01-01	1.6	1.5	1.6	1.6		HY	WAT			6.1	
Erie Blvd. Hydro - Seneca Oswego	Minetto 3		C	24041		075	36	1915-01-01	1.6	1.5	1.6	1.6		HY	WAT			6.5	
Erie Blvd. Hydro - Seneca Oswego	Minetto 4		C	24041		075	36	1915-01-01	1.6	1.5	1.6	1.6		HY	WAT			4.0	
Erie Blvd. Hydro - Seneca Oswego	Minetto 5		C	24041		075	36	1975-01-01	1.6	1.5	1.6	1.6		HY	WAT			5.0	
Erie Blvd. Hydro - Seneca Oswego	Minetto 6		C	24041		075	36	1975-01-01	1.6	1.5	1.6	1.6		HY	WAT			6.3	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls E 1		C	24041		075	36	1914-01-01	1.5	1.5	1.6	1.6		HY	WAT			7.0	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls E 2		C	24041		075	36	1914-01-01	1.5	1.5	1.6	1.6		HY	WAT			6.9	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls E 3		C	24041		075	36	1914-01-01	1.5	1.5	1.6	1.6		HY	WAT			6.1	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 4		C	24041		075	36	1914-01-01	0.9	1.0	0.9	0.9		HY	WAT			3.4	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 5		C	24041		075	36	1914-01-01	0.9	1.0	0.9	0.9		HY	WAT			2.9	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 6		C	24041		075	36	2007-01-01	0.5	0.5	0.5	0.5		HY	WAT			0.1	
Erie Blvd. Hydro - Seneca Oswego	Oswego Falls W 7		C	24041		075	36	2007-01-01	0.5	0.5	0.5	0.5		HY	WAT			0.7	
Erie Blvd. Hydro - Seneca Oswego	Varick 2		C	24041		075	36	1926-01-01	2.2	1.9	2.2	2.2		HY	WAT			7.1	
Erie Blvd. Hydro - Seneca Oswego	Varick 3		C	24041		075	36	1926-01-01	2.2	2.1	2.2	2.2		HY	WAT			4.9	
Erie Blvd. Hydro - Seneca Oswego	Varick 4		C	24041		075	36	1926-01-01	2.2	1.9	2.2	2.2		HY	WAT			4.9	
Erie Blvd. Hydro - Seneca Oswego	Varick 5		C	24041		075	36	1926-01-01	2.2	1.9	2.2	2.2		HY	WAT			4.5	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 1		C	24043		075	36	1964-01-01	6.4	7.0	6.4	6.4		HY	WAT			6.2	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 2		C	24043		075	36	1966-01-01	6.4	7.0	6.4	6.4		HY	WAT			15.1	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 3		C	24043		075	36	1970-01-01	7.0	7.7	7.0	7.0		HY	WAT			28.4	
Erie Blvd. Hydro - South Salmon	Bennetts Bridge 4		C	24043		075	36	1970-01-01	7.0	7.7	7.0	7.0		HY	WAT			26.7	
Erie Blvd. Hydro - South Salmon	Lighthouse Hill 1		C	24043		075	36	1930-01-01	3.8	4.1	3.7	3.7		HY	WAT			13.7	
Erie Blvd. Hydro - South Salmon	Lighthouse Hill 2		C	24043		075	36	1930-01-01	3.8	4.1	3.7	3.7		HY	WAT			4.0	
Erie Blvd. Hydro - Upper Hudson	E J West 1		F	24058		091	36	1930-01-01	10.0	11.9	10.0	10.0		HY	WAT			26.0	
Erie Blvd. Hydro - Upper Hudson	E J West 2		F	24058		091	36	1930-01-01	10.0	11.9	10.0	10.0		HY	WAT			31.4	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 1		F	24058		091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			5.2	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 2		F	24058		091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			4.9	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 3		F	24058		091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			5.2	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 4		F	24058		091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			5.1	
Erie Blvd. Hydro - Upper Hudson	Feeder Dam 5		F	24058		091	36	1924-01-01	1.2	0.9	1.2	1.2		HY	WAT			5.2	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 1		F	24058		113	36	2009-03-01	8.0	0.0	0.0	0.0		HY	WAT			32.5	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 2		F	24058		113	36	1923-01-01	7.2	8.1	7.2	7.2		HY	WAT			34.9	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 3		F	24058		113	36	1923-01-01	8.7	9.7	8.7	8.7		HY	WAT			33.7	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 4		F	24058		113	36	1923-01-01	7.2	8.1	7.2	7.2		HY	WAT			24.6	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 5		F	24058		113	36	1923-01-01	7.2	8.1	7.2	7.2		HY	WAT			18.7	
Erie Blvd. Hydro - Upper Hudson	Sherman Island 6		F	24058		113	36	2009-02-02	1.0	0.0	0.0	0.0		HY	WAT			10.2	
Erie Blvd. Hydro - Upper Hudson	Spier Falls 1		F	24058		091	36	1924-01-01	6.8	8.4	6.8	6.8		HY	WAT			49.8	
Erie Blvd. Hydro - Upper Hudson	Spier Falls 2		F	24058		091	36	1930-01-01	37.6	46.9	37.6	37.6		HY	WAT			148.2	
Erie Blvd. Hydro - Upper Hudson	Stewarts Bridge		F	24058		091	36	1952-01-01	30.0	33.8	30.0	30.0		HY	WAT			116.1	
Erie Blvd. Hydro - Upper Raquette	Blake		E	24056		089	36	1957-01-01	14.4	15.6	14.4	14.4		HY	WAT			52.2	
Erie Blvd. Hydro - Upper Raquette	Five Falls		E	24056		089	36	1955-01-01	22.5	24.4	22.5	22.5		HY	WAT			84.1	
Erie Blvd. Hydro - Upper Raquette	Rainbow Falls		E	24056		089	36	1956-01-01	22.5	24.4	22.5	22.5		HY	WAT			87.3	
Erie Blvd. Hydro - Upper Raquette	South Colton		E	24056		089	36	1954-01-01	19.4	20.9	19.3	19.3		HY	WAT			71.3	
Erie Blvd. Hydro - Upper Raquette	Stark		E	24056		089	36	1957-01-01	22.5	24.6	22.5	22.5		HY	WAT			82.7	
Erie Blvd. Hydro - West Canada	Prospect		E	24049		043	36	1959-01-01	17.3	21.7	17.3	17.3		HY	WAT			63.5	
Erie Blvd. Hydro - West Canada	Trenton Falls 5		E	24049		065	36	1919-01-01	6.8	9.6	6.8	6.8		HY	WAT			58.0	
Erie Blvd. Hydro - West Canada	Trenton Falls 6		E	24049		065	36	1919-01-01	6.4	9.1	6.4	6.4		HY	WAT			36.9	
Erie Blvd. Hydro - West Canada	Trenton Falls 7		E	24049		065	36	1922-01-01	6.4	9.1	6.4	6.4		HY	WAT			34.9	
Erie Blvd. Hydropower LP	West Delaware Hydro		G	323627	Grahamsville	105	36	1988-12-01	7.5	7.5	7.5	7.5		HY	WAT			39.2	
Erie Wind, LLC	Erie Wind		A	323693	Lackawanna	029	36	2012-02-01	15.0	0.0	0.0	0.0		WT	WND			33.3	
Flat Rock Windpower II, LLC	Maple Ridge Wind 2		E	323611	Lowville	049	36	2007-12-01	90.8	90.7	90.8	90.8		WT	WND			201.3	
Flat Rock Windpower, LLC	Maple Ridge Wind 1		E	323574	Lowville	049	36	2006-01-01	231.0	231.0	231.0	231.0		WT	WND			525.1	
Freeport Electric	Freeport 1-1		K	1660	Freeport	059	36	1941-08-01	2.1	0.0	1.5	2.0		IC	FO2			0.0	
Freeport Electric	Freeport 1-2		K	1660	Freeport	059	36	1949-08-01	2.9	0.0	2.2	2.8		IC	FO2			0.1	
Freeport Electric	Freeport 1-3		K	1660	Freeport	059	36	1954-08-01	3.1	2.0	2.1	3.0		IC	FO2			0.0	
Freeport Electric	Freeport 1-4		K	1660	Freeport	059	36	1964-10-01	5.1	5.1	4.5	4.9		IC	FO2			0.2	
Freeport Electric	Freeport 2-3		K	1660	Freeport	059	36	1973-05-01	18.1	19.5	16.2	17.5		GT	FO2			0.2	
Freeport Electric	Freeport CT 2		K	23818	Freeport	059	36	2004-03-01	60.5	50.3	48.2	46.0		GT	NG	FO2		48.4	(F)
GenOn Energy Management, LLC	Bowline 1		G	23526	West Haverstraw	087	36	1972-09-01	621.0	577.7	577.8	578.5		ST	NG	FO6		379.1	
GenOn Energy Management, LLC	Bowline 2		G	23595	West Haverstraw	087	36	1974-05-01	621.0	557.4	177.9	179.7		ST	NG	FO6		2.6	
Hampshire Paper Co., Inc.	Hampshire Paper		E	323593	Gouverneur	089	36	1987-03-01	3.4	3.5	3.4	3.4		HY	WAT			17.7	
Hardscrabble Wind Power LLC	Hardscrabble Wind		E	323673	Fairfield	043	36	2011-02-01	74.0	74.0	74.0	74.0		WT	WND			172.1	
Howard Wind LLC	Howard Wind		C	323690	Howard	101	36	2011-12-01	55.4	57.4	55.4	55.4		WT	WND			115.1	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Indeck Energy Services of Silver Springs	Indeck-Silver Springs		C	23768	Silver Springs	121	36	1991-04-01	56.6	51.5	50.4	62.1	YES	CC	NG	FO2		63.6	
Indeck-Corinth LP	Indeck-Corinth		F	23802	Corinth	091	36	1995-07-01	147.0	131.2	128.4	132.4	YES	CC	NG	FO2		655.6	
Indeck-Olean LP	Indeck-Olean		A	23982	Olean	009	36	1993-12-01	90.6	79.4	76.3	82.6	YES	CC	NG	FO2		131.3	(F)
Indeck-Oswego LP	Indeck-Oswego		C	23783	Oswego	075	36	1990-05-01	57.4	51.6	50.3	58.5		CC	NG	FO2		25.6	(F)
Indeck-Yerkes LP	Indeck-Yerkes		A	23781	Tonawanda	029	36	1990-02-01	59.9	49.7	48.8	57.7	YES	CC	NG	FO2		53.7	(F)
Innovative Energy Systems, Inc.	Chautauqua LFGE		A	323629	Jamestown	013	36	2010-02-12	9.6	6.4	6.4	6.4		IC	MTE			47.8	
Innovative Energy Systems, Inc.	Clinton LFGE		D	323618	Morrisonville	019	36	2008-10-01	6.4	6.4	6.4	6.4		IC	MTE			44.4	
Innovative Energy Systems, Inc.	Colonie LFGTE		F	323577	Colonie	001	36	2006-03-01	4.8	4.8	4.8	4.8		IC	MTE			28.9	
Innovative Energy Systems, Inc.	DANC LFGE		E	323619	Watertown	045	36	2008-09-08	6.4	6.4	6.4	4.8		IC	MTE			40.9	
Innovative Energy Systems, Inc.	Fulton LFGE		F	323630	Johnstown	035	36	2010-06-04	3.2	0.0	0.0	0.0		IC	MTE			13.4	
Innovative Energy Systems, Inc.	Hyland LFGE		B	323620	Angelica	003	36	2008-09-08	4.8	4.8	4.8	4.8		IC	MTE			32.8	
Innovative Energy Systems, Inc.	Steuben County LF		C	323667	Bath	101	36	2012-08-01	3.2	0.0	3.2	3.2		IC	MTE			7.2	(9) (N)
Integrys Energy Services, Inc.	Beaver Falls		E	23983	Beaver Falls	049	36	1995-03-01	107.8	80.2	78.5	91.0		CC	NG	FO2		4.1	(F)
Integrys Energy Services, Inc.	Syracuse		C	23985	Syracuse	067	36	1993-09-01	102.7	86.8	84.1	96.5		CC	NG	FO2		14.1	(F)
International Paper Company	Ticonderoga		F	23804	Ticonderoga	031	36	1970-01-01	42.1	7.6	5.9	9.6	YES	ST	FO6			0.1	
Jamestown Board of Public Utilities	Jamestown 5		A	1658	Jamestown	013	36	1951-08-01	28.7	23.0	23.3	23.2	YES	ST	BIT			25.1	
Jamestown Board of Public Utilities	Jamestown 6		A	1658	Jamestown	013	36	1968-08-01	25.0	22.4	20.3	20.2	YES	ST	BIT			29.8	
Jamestown Board of Public Utilities	Jamestown 7		A	1659	Jamestown	013	36	2002-01-01	47.3	40.0	39.4	45.5	YES	GT	NG			176.6	
Long Island Power Authority	Babylon (RR)		K	23656	Babylon	103	36	1989-04-01	17.0	15.5	14.7	14.5		ST	REF			116.0	
Long Island Power Authority	Barrett 03		K	23706	Island Park	059	36	1970-06-01	18.0	17.9	16.6	20.2		GT	NG	FO2		3.0	
Long Island Power Authority	Barrett 04		K	23707	Island Park	059	36	1970-07-01	18.0	17.7	17.7	20.7		GT	NG	FO2		6.3	
Long Island Power Authority	Barrett 05		K	23708	Island Park	059	36	1970-07-01	18.0	17.8	17.4	20.7		GT	NG	FO2		4.1	
Long Island Power Authority	Barrett 06		K	23709	Island Park	059	36	1970-07-01	18.0	17.8	17.3	20.1		GT	NG	FO2		4.5	
Long Island Power Authority	Barrett 08		K	23711	Island Park	059	36	1970-07-01	18.0	17.3	16.8	15.7		GT	NG	FO2		4.9	
Long Island Power Authority	Barrett 09		K	23700	Island Park	059	36	1971-06-01	41.8	43.4	40.2	50.0		JE	NG	FO2		29.7	
Long Island Power Authority	Barrett 10		K	23701	Island Park	059	36	1971-06-01	41.8	42.7	40.2	50.2		JE	NG	FO2		18.7	
Long Island Power Authority	Barrett 11		K	23702	Island Park	059	36	1971-06-01	41.8	43.3	40.2	49.2		JE	NG	FO2		35.1	
Long Island Power Authority	Barrett 12		K	23703	Island Park	059	36	1971-06-01	41.8	44.0	40.2	49.2		JE	NG	FO2		22.8	
Long Island Power Authority	Barrett GT 01		K	23704	Island Park	059	36	1970-06-01	18.0	18.1	17.4	20.2		GT	NG	FO2		3.6	
Long Island Power Authority	Barrett GT 02		K	23705	Island Park	059	36	1970-06-01	18.0	17.4	14.8	17.3		GT	NG	FO2		3.3	
Long Island Power Authority	Barrett ST 01		K	23545	Island Park	059	36	1956-11-01	188.0	200.2	196.2	177.0		ST	NG	FO6		447.9	
Long Island Power Authority	Barrett ST 02		K	23546	Island Park	059	36	1963-10-01	188.0	197.5	193.0	197.0		ST	NG	FO6		562.6	
Long Island Power Authority	Bethpage 3		K	323564	Hicksville	059	36	2005-05-01	96.0	79.9	75.7	77.6		CC	NG			203.3	
Long Island Power Authority	Caithness_CC_1		K	323624	Brookhaven	103	36	2009-08-01	375.0	315.6	309.6	356.6		CC	NG	FO2		2,236.0	
Long Island Power Authority	East Hampton 2		K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	1.9		IC	FO2			0.2	
Long Island Power Authority	East Hampton 3		K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	1.9		IC	FO2			0.3	
Long Island Power Authority	East Hampton 4		K	23722	E Hampton	103	36	1962-12-01	2.0	2.0	2.0	1.9		IC	FO2			0.3	

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

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Long Island Power Authority	East Hampton GT 01	K	23717	E Hampton	103	36	1970-12-01	21.3	19.2	18.0	23.5		GT	FO2			7.1	
Long Island Power Authority	Far Rockaway GT1	K	24212	Far Rockaway	081	36	2002-07-01	60.0	53.5	53.8	56.5		GT	NG			133.3	
Long Island Power Authority	Far Rockaway GT2	K	23815	Jamaica Bay	081	36	2003-07-02	60.0	55.4	54.3	53.4		GT	FO2			6.9	(F)
Long Island Power Authority	Far Rockaway ST 04 (Ret. - 7/1/12)	K	23548	Far Rockaway	081	36	1953-12-01	100.0	110.6	0.0	0.0		ST	NG	FO6		151.8	(11) (R)
Long Island Power Authority	Freeport CT 1	K	23764	Freeport	059	36	2004-06-01	60.0	48.3	47.9	49.2		GT	NG	FO2		63.2	(F)
Long Island Power Authority	Glenwood GT 01	K	23712	Glenwood	059	36	1967-04-01	16.0	14.6	11.4	16.0		GT	FO2			0.1	
Long Island Power Authority	Glenwood GT 02	K	23688	Glenwood	059	36	1972-06-01	55.0	52.7	49.0	61.8		GT	FO2			2.7	
Long Island Power Authority	Glenwood GT 03	K	23689	Glenwood	059	36	1972-06-01	55.0	52.7	54.4	67.1		GT	FO2			0.9	
Long Island Power Authority	Glenwood GT 04	K	24219	Glenwood	059	36	2002-06-01	53.0	40.3	40.2	45.8		GT	NG	FO2		65.5	(F)
Long Island Power Authority	Glenwood GT 05	K	24220	Glenwood	059	36	2002-06-01	53.0	40.0	39.1	45.6		GT	NG	FO2		68.0	(F)
Long Island Power Authority	Glenwood ST 04 (Ret. - 7/1/12)	K	23550	Glenwood	059	36	1952-12-01	114.0	118.7	0.0	0.0		ST	NG			70.1	(12) (R)
Long Island Power Authority	Glenwood ST 05 (Ret. - 7/1/12)	K	23614	Glenwood	059	36	1954-11-01	114.0	122.0	0.0	0.0		ST	NG			82.1	(13) (R)
Long Island Power Authority	Greenport GT1	K	23814	Greenport	103	36	2003-07-02	54.0	51.9	52.9	55.0		GT	FO2			20.0	
Long Island Power Authority	Hempstead (RR)	K	23647	Hempstead	059	36	1989-10-01	78.6	73.7	72.5	74.0		ST	REF			547.1	
Long Island Power Authority	Holtsville 01	K	23690	Holtsville	103	36	1974-07-01	56.7	55.1	48.6	64.2		JE	FO2			3.9	
Long Island Power Authority	Holtsville 02	K	23691	Holtsville	103	36	1974-07-01	56.7	55.3	47.6	59.7		JE	FO2			2.4	
Long Island Power Authority	Holtsville 03	K	23692	Holtsville	103	36	1974-07-01	56.7	52.1	46.8	62.5		JE	FO2			2.9	
Long Island Power Authority	Holtsville 04	K	23693	Holtsville	103	36	1974-07-01	56.7	52.7	49.3	59.8		JE	FO2			2.8	
Long Island Power Authority	Holtsville 05	K	23694	Holtsville	103	36	1974-07-01	56.7	53.3	53.5	63.8		JE	FO2			2.5	
Long Island Power Authority	Holtsville 06	K	23695	Holtsville	103	36	1975-07-01	56.7	53.0	52.5	64.1		JE	FO2			4.1	
Long Island Power Authority	Holtsville 07	K	23696	Holtsville	103	36	1975-07-01	56.7	55.1	52.2	61.4		JE	FO2			5.5	
Long Island Power Authority	Holtsville 08	K	23697	Holtsville	103	36	1975-07-01	56.7	57.4	54.7	67.5		JE	FO2			9.5	
Long Island Power Authority	Holtsville 09	K	23698	Holtsville	103	36	1975-07-01	56.7	57.5	55.4	64.2		JE	FO2			8.9	
Long Island Power Authority	Holtsville 10	K	23699	Holtsville	103	36	1975-07-01	56.7	55.1	49.7	65.0		JE	FO2			8.4	
Long Island Power Authority	Huntington (RR)	K	23656	Huntington	103	36	1991-12-01	28.0	24.7	24.5	24.6		ST	REF			190.0	
Long Island Power Authority	Islip (RR)	K	323679	Ronkonkoma	103	36	1990-03-01	12.5	11.2	8.8	9.1		ST	REF			55.8	
Long Island Power Authority	Long Island Solar Farm	K	323691	Upton	103	36	2011-11-01	31.5	31.5	31.5	31.5		PV	SUN			53.1	
Long Island Power Authority	Montauk 02 (Ret. 5/4/13)	K	23721	Montauk	103	36	1971-05-01	2.0	2.0	0.0	0.0		IC	FO2			0.4	(R)
Long Island Power Authority	Montauk 03 (Ret. 5/4/13)	K	23721	Montauk	103	36	1965-11-01	2.0	2.0	0.0	0.0		IC	FO2			0.5	(R)
Long Island Power Authority	Montauk 04 (Ret. 5/4/13)	K	23721	Montauk	103	36	1965-11-01	2.0	2.0	0.0	0.0		IC	FO2			0.4	(R)
Long Island Power Authority	Northport 1	K	23551	Northport	103	36	1967-07-01	387.0	395.0	395.7	397.0		ST	NG	FO6		833.2	
Long Island Power Authority	Northport 2	K	23552	Northport	103	36	1968-06-01	387.0	396.0	382.7	385.5		ST	NG	FO6		452.7	
Long Island Power Authority	Northport 3	K	23553	Northport	103	36	1972-07-01	387.0	399.2	399.2	397.7		ST	NG	FO6		944.8	
Long Island Power Authority	Northport 4	K	23650	Northport	103	36	1977-12-01	387.0	399.2	394.7	393.0		ST	NG	FO6		1,070.0	
Long Island Power Authority	Northport GT	K	23718	Northport	103	36	1967-03-01	16.0	13.8	12.5	16.0		GT	FO2			0.0	
Long Island Power Authority	Oceanside (LF)	K	5008	Oceanside	059	36	1991-02-01	2.1	1.1	0.0	0.0		IC	MTE			2.9	
Long Island Power Authority	Oyster Bay (LF)	K	5009	Bethpage	059	36	1986-07-01	1.3	0.0	0.0	0.0		IC	MTE			0.0	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Long Island Power Authority	Pilgrim GT1		K	24216	Brentwood	103	36	2002-08-01	50.0	43.6	42.9	45.0		GT	NG			100.9	
Long Island Power Authority	Pilgrim GT2		K	24217	Brentwood	103	36	2002-08-01	50.0	44.2	43.8	44.5		GT	NG			100.0	
Long Island Power Authority	Pinelawn Power 1		K	323563	Babylon	103	36	2005-06-01	82.0	78.0	76.6	77.6		CC	NG	KER		322.2	
Long Island Power Authority	Port Jefferson 3		K	23555	Port Jefferson	103	36	1958-11-01	188.0	194.5	198.5	191.5		ST	FO6	NG		121.7	
Long Island Power Authority	Port Jefferson 4		K	23616	Port Jefferson	103	36	1960-11-01	188.0	198.7	198.5	192.5		ST	FO6	NG		267.0	
Long Island Power Authority	Port Jefferson GT 01		K	23713	Port Jefferson	103	36	1966-12-01	16.0	14.1	12.2	17.6		GT	FO2			0.0	
Long Island Power Authority	Port Jefferson GT 02		K	24210	Port Jefferson	103	36	2002-07-01	53.0	42.0	40.4	49.0		GT	NG	FO2		81.0	(F)
Long Island Power Authority	Port Jefferson GT 03		K	24211	Port Jefferson	103	36	2002-07-01	53.0	41.1	41.0	46.7		GT	NG	FO2		84.1	(F)
Long Island Power Authority	S Hampton 1		K	23720	SouthHampton	103	36	1963-03-01	11.5	10.3	8.6	11.9		GT	FO2			0.5	
Long Island Power Authority	Shoreham 1		K	23715	Shoreham	103	36	1971-07-01	52.9	48.9	47.4	59.6		GT	FO2			0.6	
Long Island Power Authority	Shoreham 2		K	23716	Shoreham	103	36	1984-04-01	18.6	18.5	15.7	20.9		GT	FO2			0.0	
Long Island Power Authority	Shoreham GT3		K	24213	Shoreham	103	36	2002-08-01	50.0	45.1	43.7	45.8		GT	FO2			10.9	(F)
Long Island Power Authority	Shoreham GT4		K	24214	Shoreham	103	36	2002-08-01	50.0	41.9	44.0	45.0		GT	FO2			10.9	(F)
Long Island Power Authority	Smithtown (LF)		K	5010	Smithtown	103	36	1985-12-01	1.1	0.0	0.0	0.0		IC	MTE			0.0	
Long Island Power Authority	South Oaks Hosp		K	5011	Amityville	103	36	1990-06-01	1.0	0.0	0.0	0.0		IC	NG			0.0	
Long Island Power Authority	Southold 1		K	23719	Southold	103	36	1964-08-01	14.0	12.3	7.4	9.6		GT	FO2			0.5	
Long Island Power Authority	Stony Brook		K	24151	Stony Brook	103	36	1995-04-01	47.0	9.6	15.1	19.2	YES	GT	NG	FO2		311.2	(F)
Long Island Power Authority	Trigen-NDEC		K	323695	Garden City	059	36	1991-03-01	55.0	51.6	43.7	57.0	YES	CC	NG	FO2		404.4	
Long Island Power Authority	Wading River 1		K	23522	Shoreham	103	36	1989-08-01	79.5	81.2	78.9	98.0		GT	FO2			17.0	
Long Island Power Authority	Wading River 2		K	23547	Shoreham	103	36	1989-08-01	79.5	81.3	78.8	98.5		GT	FO2			21.4	
Long Island Power Authority	Wading River 3		K	23601	Shoreham	103	36	1989-08-01	79.5	81.3	76.2	97.6		GT	FO2			14.9	
Long Island Power Authority	West Babylon 4		K	23714	West Babylon	103	36	1971-08-01	52.4	49.0	49.2	63.8		GT	FO2			1.7	
Long Island Power Authority	Yaphank (LF)		K	5012	Yaphank	103	36	1983-09-01	1.6	1.5	0.0	0.0		IC	MTE			1.8	
Lyonsdale BioMass, LLC	Fort Drum		E	23780	Watertown	045	36	1989-07-01	58.0	55.6	0.0	0.0		ST	BIT			0.0	
Lyonsdale BioMass, LLC	Lyonsdale Power		E	23803	Lyonsdale	049	36	1992-08-01	21.1	20.2	20.5	20.7	YES	ST	WD			157.5	
Madison Windpower, LLC	Madison Wind Power		E	24146	Madison	053	36	2000-09-01	11.6	11.5	11.6	11.6		WT	WND			19.0	
Marble River LLC	Marble River Wind		D	323696	Ellenburg	019	36	2012-07-01	215.5	215.2	0.0	0.0		WT	WND			142.6	(10) (N)
Model City Energy LLC	Model City Energy		A	24167	Lewiston	063	36	2001-06-01	5.6	5.6	5.6	5.6		IC	MTE			41.0	
Modern Innovative Energy, LLC	Modern LF		A	323580	Lewiston	063	36	2006-02-01	6.4	6.4	6.4	6.4		IC	MTE			37.5	
New York Power Authority	Ashokan 1		G	23654	Ashokan	111	36	1982-11-01	2.3	1.8	2.3	2.3		HY	WAT			7.6	
New York Power Authority	Ashokan 2		G	23654	Ashokan	111	36	1982-11-01	2.3	1.8	2.3	2.3		HY	WAT			2.7	
New York Power Authority	Astoria CC 1		J	323568	Queens	081	36	2006-01-01	288.0	246.2	233.0	256.3		CC	NG	JF	KER	3,083.3	(G)
New York Power Authority	Astoria CC 2		J	323569	Queens	081	36	2006-01-01	288.0	246.2	233.0	256.3		CC	NG	JF	KER		
New York Power Authority	Blenheim - Gilboa 1		F	23756	Gilboa NY	095	36	1973-07-01	290.0	290.7	291.3	291.0		PS	WAT			70.1	
New York Power Authority	Blenheim - Gilboa 2		F	23757	Gilboa NY	095	36	1973-07-01	290.0	291.2	291.4	292.7		PS	WAT			82.6	
New York Power Authority	Blenheim - Gilboa 3		F	23758	Gilboa NY	095	36	1973-07-01	290.0	291.7	292.2	292.5		PS	WAT			52.4	
New York Power Authority	Blenheim - Gilboa 4		F	23759	Gilboa NY	095	36	1973-07-01	290.0	291.5	291.7	292.7		PS	WAT			17.1	

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

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
New York Power Authority	Brentwood	K	24164	Brentwood	103	36	2001-08-01	50.0	47.1	44.0	47.0		GT	NG			72.3	
New York Power Authority	Crescent 1	F	24018	Crescent	001	36	1991-07-01	2.8	3.2	2.8	2.8		HY	WAT			10.8	
New York Power Authority	Crescent 2	F	24018	Crescent	001	36	1991-07-01	2.8	3.2	2.8	2.8		HY	WAT			11.5	
New York Power Authority	Crescent 3	F	24018	Crescent	001	36	1991-07-01	3.0	3.2	3.0	3.0		HY	WAT			8.8	
New York Power Authority	Crescent 4	F	24018	Crescent	001	36	1991-07-01	3.0	3.2	3.0	3.0		HY	WAT			16.0	
New York Power Authority	Flynn	K	23794	Holtsville	103	36	1994-05-01	170.0	135.5	134.3	162.2		CC	NG	FO2		1,222.8	
New York Power Authority	Gowanus 5	J	24156	Brooklyn	047	36	2001-08-01	50.0	45.4	43.8	46.9		GT	NG			57.2	
New York Power Authority	Gowanus 6	J	24157	Brooklyn	047	36	2001-08-01	50.0	46.1	44.7	44.8		GT	NG			67.5	
New York Power Authority	Grahamsville	G	23607	Grahamsville	105	36	1956-12-01	18.0	16.3	18.0	18.0		HY	WAT			92.5	
New York Power Authority	Greenport IC 4	K	1652	Greenport	103	36	1957-06-06	1.2	1.7	1.0	1.0		IC	FO2			0.0	
New York Power Authority	Greenport IC 5	K	1652	Greenport	103	36	1965-07-08	1.8	1.7	1.5	1.5		IC	FO2			0.0	
New York Power Authority	Greenport IC 6	K	1652	Greenport	103	36	1971-09-17	3.8	2.7	2.5	2.5		IC	FO2			0.0	
New York Power Authority	Harlem River 1	J	24160	Bronx	005	36	2001-08-01	50.0	46.0	40.8	43.1		GT	NG			21.9	
New York Power Authority	Harlem River 2	J	24161	Bronx	005	36	2001-08-01	50.0	45.2	42.4	46.0		GT	NG			26.8	
New York Power Authority	Hellgate 1	J	24158	Bronx	005	36	2001-08-01	50.0	45.0	44.5	46.0		GT	NG			31.5	
New York Power Authority	Hellgate 2	J	24159	Bronx	005	36	2001-08-01	50.0	45.0	44.7	43.9		GT	NG			23.0	
New York Power Authority	Jarvis 1	E	23743	Hinckley	065	36	1991-07-01	4.5	4.5	4.5	4.5		HY	WAT			16.8	
New York Power Authority	Jarvis 2	E	23743	Hinckley	065	36	1991-07-01	4.5	4.5	4.5	4.5		HY	WAT			7.8	
New York Power Authority	Kensico 1 (Ret. - 9/25/12)	I	23655	Kensico	119	36	1983-07-01	1.0	0.6	0.0	0.0		HY	WAT			0.5	(14) (R)
New York Power Authority	Kensico 2 (Ret. - 9/25/12)	I	23655	Kensico	119	36	1983-07-01	1.0	0.6	0.0	0.0		HY	WAT			0.8	(15) (R)
New York Power Authority	Kensico 3 (Ret. - 9/25/12)	I	23655	Kensico	119	36	1983-07-01	1.0	0.6	0.0	0.0		HY	WAT			0.1	(16) (R)
New York Power Authority	Kent	J	24152	Brooklyn	047	36	2001-08-01	50.0	46.9	41.8	45.9		GT	NG			48.8	
New York Power Authority	Lewiston PS (Fleet)	A	23760	Niagara Falls	063	36	1961-01-01	240.0	240.0	240.0	240.0		PS	WAT			508.5	
New York Power Authority	Moses Niagara (Fleet)	A	23760	Niagara Falls	063	36	1961-01-01	2,860.0	2,460.0	2,443.5	2,437.7		HY	WAT			12,996.7	
New York Power Authority	Neversink	G	23608	Grahamsville	105	36	1953-12-01	25.0	22.0	25.0	25.0		HY	WAT			29.0	
New York Power Authority	Pouch	J	24155	Staten Island	085	36	2001-08-01	50.0	47.1	42.8	46.8		GT	NG			96.8	
New York Power Authority	St Lawrence - FDR (Fleet)	D	23600	Massena	089	36	1958-07-01	1,088.0	856.0	832.0	845.4		HY	WAT			6,718.2	
New York Power Authority	Vernon Blvd 2	J	24162	Queens	081	36	2001-08-01	50.0	46.2	42.5	45.7		GT	NG			36.9	
New York Power Authority	Vernon Blvd 3	J	24163	Queens	081	36	2001-08-01	50.0	43.8	42.2	45.6		GT	NG			34.5	
New York Power Authority	Vischer Ferry 1	F	24020	Vischer Ferry	091	36	1991-07-01	2.8	3.2	2.8	2.9		HY	WAT			10.2	
New York Power Authority	Vischer Ferry 2	F	24020	Vischer Ferry	091	36	1991-07-01	2.8	3.2	2.8	2.9		HY	WAT			10.8	
New York Power Authority	Vischer Ferry 3	F	24020	Vischer Ferry	091	36	1991-07-01	3.0	3.2	3.0	2.9		HY	WAT			12.4	
New York Power Authority	Vischer Ferry 4	F	24020	Vischer Ferry	091	36	1991-07-01	3.0	3.2	3.0	2.9		HY	WAT			13.4	
New York State Elec. & Gas Corp.	AA Dairy	C	5013	Ithaca	109	36	1998-06-01	0.1		0.0	0.0		IC	MTE			0.0	
New York State Elec. & Gas Corp.	Alice Falls 1	D	23915	Ausable	019	36	1991-11-01	1.5	1.6	0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Alice Falls 2	D	23915	Ausable	019	36	1991-11-01	0.6	0.6	0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Allegheny 8	C	23528	Kittanning	005	42	1990-10-01	16.0	14.7	16.0	16.0		HY	WAT			76.8	

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

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
New York State Elec. & Gas Corp.	Allegheny 9	C	23528	Kittanning	005	42	1990-10-01	22.0	20.2	22.0	22.0		HY	WAT			96.5	
New York State Elec. & Gas Corp.	Auburn - Mill St.	C	5014	Auburn	011	36	1981-10-01	0.4		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Auburn - No. Div.St	C	5015	Auburn	011	36	1992-12-01	0.8		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Auburn - State St.	C	24147	Auburn	011	36	1995-01-01	7.4	5.8	5.1	7.2		GT	NG			0.2	
New York State Elec. & Gas Corp.	Broome LFGE	C	323600	Binghamton	007	36	2007-09-01	2.1	2.1	2.1	2.1		IC	MTE			18.0	
New York State Elec. & Gas Corp.	Cadyville 1	D	23628	Schuyler Falls	019	36	1921-08-01	1.2	1.0	1.2	1.2		HY	WAT			4.9	
New York State Elec. & Gas Corp.	Cadyville 2	D	23628	Schuyler Falls	019	36	1921-08-01	1.2	1.0	1.2	1.2		HY	WAT			3.2	
New York State Elec. & Gas Corp.	Cadyville 3	D	23628	Schuyler Falls	019	36	1986-09-01	3.1	2.7	3.1	3.1		HY	WAT			16.3	
New York State Elec. & Gas Corp.	Chasm Hydro	D	5016	Chateaugay	033	36	1982-03-01	1.6		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Croton Fall Hydro	I	5017	North Salem	119	36	1987-01-01	0.2		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Harris Lake	D	5018	Newcomb	031	36	1967-08-01	1.7		0.0	0.0		IC	FO2			0.0	
New York State Elec. & Gas Corp.	High Falls 1	D	23628	Saranac	019	36	1948-08-01	4.0	4.3	4.0	4.0		HY	WAT			19.3	
New York State Elec. & Gas Corp.	High Falls 2	D	23628	Saranac	019	36	1949-08-01	4.0	4.3	4.0	4.0		HY	WAT			24.1	
New York State Elec. & Gas Corp.	High Falls 3	D	23628	Saranac	019	36	1956-08-01	7.0	8.2	7.0	7.0		HY	WAT			26.4	
New York State Elec. & Gas Corp.	Kent Falls 1	D	23628	Schuyler Falls	019	36	1928-08-01	3.6	3.0	3.6	3.6		HY	WAT			13.6	
New York State Elec. & Gas Corp.	Kent Falls 2	D	23628	Schuyler Falls	019	36	1928-08-01	3.6	3.0	3.6	3.6		HY	WAT			16.4	
New York State Elec. & Gas Corp.	Kent Falls 3	D	23628	Schuyler Falls	019	36	1985-07-01	6.4	6.0	6.4	6.4		HY	WAT			25.5	
New York State Elec. & Gas Corp.	Lower Saranac 1	D	23913	Schuyler Falls	019	36	1990-10-01	3.2	3.5	0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Lower Saranac 2	D	23913	Schuyler Falls	019	36	1990-10-01	3.2	3.5	0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Lower Saranac 3	D	23913	Schuyler Falls	019	36	1990-10-01	2.9	2.9	0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Mechanicville 1	F	23645	Stillwater	091	36	1983-09-01	9.2	10.0	9.2	9.3		HY	WAT			38.7	
New York State Elec. & Gas Corp.	Mechanicville 2	F	23645	Stillwater	091	36	1983-09-01	9.3	10.0	9.3	9.3		HY	WAT			40.5	
New York State Elec. & Gas Corp.	Mill C 1	D	23628	Plattsburgh	019	36	1944-08-01	1.0	0.9	1.0	1.0		HY	WAT			4.5	
New York State Elec. & Gas Corp.	Mill C 2	D	23628	Plattsburgh	019	36	1943-08-01	1.2	1.2	1.2	1.2		HY	WAT			4.2	
New York State Elec. & Gas Corp.	Mill C 3	D	23628	Plattsburgh	019	36	1984-11-01	3.8	3.7	3.8	3.8		HY	WAT			15.6	
New York State Elec. & Gas Corp.	Montville Falls	C	5019	Moravia	011	36	1992-08-01	0.2		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Rainbow Falls 1	D	23628	Ausable	019	36	1926-08-01	1.3	1.5	1.3	1.3		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Rainbow Falls 2	D	23628	Ausable	019	36	1927-08-01	1.3	1.5	1.3	1.3		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Waterloo 2	C	5020	Waterloo	099	36	1998-06-01	0.5		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Waterloo 3	C	5021	Waterloo	099	36	1998-06-01	0.5		0.0	0.0		HY	WAT			0.0	
New York State Elec. & Gas Corp.	Waterloo 4	C	5022	Waterloo	099	36	1998-06-01	0.5		0.0	0.0		HY	WAT			0.0	
Niagara Generation, LLC	Niagara Bio-Gen (Ret. - 5/9/13)	A	23895	Niagara Falls	063	36	1991-08-01	56.0	50.5	0.0	0.0		ST	WD			117.9	(M)
Niagara Mohawk Power Corp.	Boralex - Hudson Falls	F	24011	Hudson Falls	115	36	1995-10-01	44.0	43.7	44.0	44.0		HY	WAT			229.9	
Niagara Mohawk Power Corp.	Boralex - South Glens Falls	F	24028	Moreau	091	36	1994-12-01	13.8	14.8	0.0	0.0		HY	WAT			84.3	
Niagara Mohawk Power Corp.	CHI-Lachute	F	1654		031	36	1987-12-01	9.0	8.9	0.0	0.0		HY	WAT			20.1	
Niagara Mohawk Power Corp.	Fortis - Dolgeville	E	23807	Dolgeville	043	36	1985-07-01	5.0	6.3	0.0	0.0		HY	WAT			17.0	
Niagara Mohawk Power Corp.	Fortis Energy - Philadelphia	E	1656		045	36	1986-08-01	3.6	3.2	0.0	0.0		HY	WAT			9.0	

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

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Niagara Mohawk Power Corp.	Fortis Energy - Moose River	E	24016		049	36	1987-09-01	12.6	12.0	0.0	0.0		HY	WAT			3.8	
Niagara Mohawk Power Corp.	Fortistar - N.Tonawanda	A	24026	N Tonawanda	029	36	1993-06-01	55.3	57.0	51.9	60.6		CC	NG	FO2		75.2	(F)
Niagara Mohawk Power Corp.	General Mills Inc	A	23808		029	36	1988-12-01	3.8	3.8	0.0	0.0		GT	NG			4.2	
Niagara Mohawk Power Corp.	International Paper - Curtis	F	1655	Corinth	091	36	1986-01-01	29.5	30.8	0.0	0.0		HY	WAT			402.0	(G)
Niagara Mohawk Power Corp.	International Paper - Palmer	F	1655	Corinth	091	36	1986-01-01	29.5	30.8	0.0	0.0		HY	WAT				
Niagara Mohawk Power Corp.	Little Falls Hydro	E	24013	Little Falls	043	36	1987-01-01	13.0	12.6	0.0	0.0		HY	WAT			47.8	
Niagara Mohawk Power Corp.	Onondaga County	C	23987		067	36	1994-12-01	39.5	32.6	32.8	33.1		ST	REF			199.8	
Niagara Mohawk Power Corp.	Pyrites Assoc.	E	24023	Canton	089	36	1985-12-01	8.2	7.5	0.0	0.0		HY	WAT			29.5	
Niagara Mohawk Power Corp.	Adams Hydro	E	23633		045	36	1987-11-01	0.2		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Algon.-Burt Dam Assoc.	A	23774		063	36	1987-12-01	0.4		0.0	0.0		HY	WAT			0.4	
Niagara Mohawk Power Corp.	Algon.-Christine.Falls	F	23643		041	36	1987-12-01	0.8		0.0	0.0		HY	WAT			2.7	
Niagara Mohawk Power Corp.	Algon.-Cranberry. Lake	E	23633		049	36	1987-12-01	0.5		0.0	0.0		HY	WAT			1.4	
Niagara Mohawk Power Corp.	Algon.-Forresport	E	23633		065	36	1987-12-01	3.4		0.0	0.0		HY	WAT			9.0	
Niagara Mohawk Power Corp.	Algon.-Herkimer	E	23633		043	36	1987-12-01	1.6		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Algon.-Hollow Dam Power	E	23633		089	36	1987-12-01	1.0		0.0	0.0		HY	WAT			3.4	
Niagara Mohawk Power Corp.	Algon.-Kayuta	E	23633		065	36	1988-05-01	0.4		0.0	0.0		HY	WAT			1.6	
Niagara Mohawk Power Corp.	Algon.-Ogdensburg	E	23633		089	36	1987-12-01	3.5		0.0	0.0		HY	WAT			9.2	
Niagara Mohawk Power Corp.	Algon.-Otter Creek	E	23633		049	36	1986-11-01	0.5		0.0	0.0		HY	WAT			1.5	
Niagara Mohawk Power Corp.	Allied Frozen Storage	A	23774		029	36	2008-05-01	0.1		0.0	0.0		IC	NG			0.1	
Niagara Mohawk Power Corp.	Azure Mnt. Pwr Co	E	23633		033	36	1993-08-01	0.6		0.0	0.0		HY	WAT			1.6	
Niagara Mohawk Power Corp.	Beaver Falls #1	E	23633		049	36	1986-01-01	1.5		0.0	0.0		HY	WAT			7.9	
Niagara Mohawk Power Corp.	Beaver Falls #2	E	23633		049	36	1986-01-01	1.0		0.0	0.0		HY	WAT			4.3	
Niagara Mohawk Power Corp.	Bellows Towers	E	23633		033	36	1987-06-01	0.2		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Black River Hyd#1	E	23633	Port Leyden	049	36	1984-07-01	1.9		0.0	0.0		HY	WAT			3.8	
Niagara Mohawk Power Corp.	Black River Hyd#2	E	23633	Port Leyden	049	36	1985-12-01	1.6		0.0	0.0		HY	WAT			2.0	
Niagara Mohawk Power Corp.	Black River Hyd#3	E	23633	Port Leyden	049	36	1984-07-01	2.2		0.0	0.0		HY	WAT			14.0	
Niagara Mohawk Power Corp.	Boralex - Middle Falls	F	23643	Easton	115	36	1989-12-01	2.2		0.0	0.0		HY	WAT			11.3	
Niagara Mohawk Power Corp.	Burrstone Energy Center, LLC LU	E	23633		065	36	2009-11-01	1.1		0.0	0.0		CG	NG			2.9	
Niagara Mohawk Power Corp.	Burrstone Energy Center, LLC U	E	23633		065	36	2009-11-01	2.2		0.0	0.0		CG	NG			0.2	
Niagara Mohawk Power Corp.	Cal Ban Power	A	23774		003	36	1995-06-01	0.1		0.0	0.0		IC	NG			0.1	
Niagara Mohawk Power Corp.	Cellu-Tissue Corp - Natural Dam	E	23633	Natural Dam	089	36	1986-01-01	1.0		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Champlain Spinner	F	23643		031	36	1992-07-01	0.4		0.0	0.0		HY	WAT			1.6	
Niagara Mohawk Power Corp.	CHI Dexter Hydro	E	23633	Dexter	045	36	1988-01-01	4.2		0.0	0.0		HY	WAT			18.8	
Niagara Mohawk Power Corp.	CHI Diamond Is HY	E	23633	Watertown	045	36	1986-01-01	1.2		0.0	0.0		HY	WAT			5.6	
Niagara Mohawk Power Corp.	CHI Fowler	E	23633	Fowler	049	36	1986-01-01	0.6		0.0	0.0		HY	WAT			3.9	
Niagara Mohawk Power Corp.	CHI Hailsboro #3	E	23633	Hailsboro	089	36	1986-01-01	0.8		0.0	0.0		HY	WAT			4.1	
Niagara Mohawk Power Corp.	CHI Hailsboro #4	E	23633	Hailsboro	089	36	1986-01-01	1.4		0.0	0.0		HY	WAT			10.5	

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

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Niagara Mohawk Power Corp.	CHI Hailsboro #6	E	23633	Hailsboro	089	36	1986-01-01	0.8		0.0	0.0		HY	WAT			5.2	
Niagara Mohawk Power Corp.	CHI Theresa Hydro	E	23633	Theresa	089	36	1986-01-01	1.3		0.0	0.0		HY	WAT			6.5	
Niagara Mohawk Power Corp.	Chittenden Falls	F	23643		021	36	1995-12-01	0.6		0.0	0.0		HY	WAT			2.2	
Niagara Mohawk Power Corp.	City of Oswego (H.D.)	C	23634		075	36	1994-02-01	11.9		0.0	0.0		HY	WAT			33.7	
Niagara Mohawk Power Corp.	City of Utica - Sand Road	E	23633		065	36	1993-05-01	0.2		0.0	0.0		HY	WAT			1.4	
Niagara Mohawk Power Corp.	City of Utica -Trenton Falls	E	23633		065	36	1993-02-01	0.2		0.0	0.0		HY	WAT			0.5	
Niagara Mohawk Power Corp.	City of Watertown	E	23633		045	36	1986-01-01	8.1		0.0	0.0		HY	WAT			6.8	
Niagara Mohawk Power Corp.	City of Watervliet	F	23643		001	36	1986-01-01	1.2		0.0	0.0		HY	WAT			2.0	
Niagara Mohawk Power Corp.	Cons. HY-Victory	F	23643		091	36	1986-12-01	1.7		0.0	0.0		HY	WAT			5.4	
Niagara Mohawk Power Corp.	Copenhagen Assoc.	E	23633	Copenhagen	049	36	1986-01-01	3.3		0.0	0.0		HY	WAT			9.8	
Niagara Mohawk Power Corp.	Cottrell Paper	F	23643		091	36	1987-01-01	0.3		0.0	0.0		HY	WAT			0.1	
Niagara Mohawk Power Corp.	Edison Hydro Electric	F	23643		021	36	2009-11-01	0.0		0.0	0.0		HY	WAT			1.8	
Niagara Mohawk Power Corp.	Empire HY Partner	E	23633		049	36	1984-11-01	1.0		0.0	0.0		HY	WAT			3.9	
Niagara Mohawk Power Corp.	Finch Paper LLC - Glens Falls	F	23643		113	36	2009-11-01	0.0		0.0	0.0		HY	WAT			3.5	
Niagara Mohawk Power Corp.	Finch Pruyn	F	23643		113	36	1989-12-01	29.0		0.0	0.0		ST	WD	FO6		0.0	
Niagara Mohawk Power Corp.	Fort Miller Assoc	F	23643		091	36	1985-10-01	5.0		0.0	0.0		HY	WAT			20.8	
Niagara Mohawk Power Corp.	Fortis Energy - Diana	E	23633		049	36	1985-07-01	1.8		0.0	0.0		HY	WAT			6.0	
Niagara Mohawk Power Corp.	Franklin Hydro	D	24055		033	36	1995-03-01	0.3		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Green Island Power Authority	F	23643	Green Island	001	36	1971-01-01	6.0		0.0	0.0		HY	WAT			37.3	
Niagara Mohawk Power Corp.	Hewittville Hydro	E	23633		089	36	1984-07-01	3.0		0.0	0.0		HY	WAT			13.3	
Niagara Mohawk Power Corp.	Hollings&Vose-Center	F	23643		115	36	1986-01-01	0.4		0.0	0.0		HY	WAT			0.1	
Niagara Mohawk Power Corp.	Hollings&Vose-Lower	F	23643		115	36	1986-01-01	0.4		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Hollings&Vose-Upper	F	23643		115	36	1986-01-01	0.4		0.0	0.0		HY	WAT			4.0	
Niagara Mohawk Power Corp.	Hoosick Falls	F	23643		083	36	1988-08-01	0.6		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Hydrocarbon-Algny	A	23774		003	36	1992-12-01	0.2		0.0	0.0		IC	NG			0.0	
Niagara Mohawk Power Corp.	Indian Falls HY	E	23633		045	36	1986-01-01	0.3		0.0	0.0		HY	WAT			0.7	
Niagara Mohawk Power Corp.	Kings Falls	E	23633		049	36	1988-05-01	1.6		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Laidlaw Energy	A	23774	Ellicottville	009	36	1991-07-01	3.4		0.0	0.0		GT	NG			0.0	
Niagara Mohawk Power Corp.	Laidlaw Energy	A	23774	Ellicottville	009	36	1991-07-01	2.4		0.0	0.0		ST	NG			0.0	
Niagara Mohawk Power Corp.	Laquidara-Long Falls	E	23633		045	36	1991-06-01	3.3		0.0	0.0		HY	WAT			9.0	
Niagara Mohawk Power Corp.	Lyonsdale Assoc. (Burrows)	E	23633	Lyons Falls	049	36	1984-07-01	3.0		0.0	0.0		HY	WAT			10.5	
Niagara Mohawk Power Corp.	Mechanicville	F	23643		091	36	2005-03-01	2.0		0.0	0.0		HY	WAT			18.7	
Niagara Mohawk Power Corp.	Moutainaire Massage Spa	F	23643		113	36	2009-11-01	0.0		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Mt. Ida Assoc.	F	23643		083	36	1986-01-01	3.0		0.0	0.0		HY	WAT			6.5	
Niagara Mohawk Power Corp.	Newport HY Assoc	E	23633		043	36	1987-12-01	1.7		0.0	0.0		HY	WAT			6.9	
Niagara Mohawk Power Corp.	Nottingham High School	C	23634		067	36	1988-06-01	0.2		0.0	0.0		CC	NG			0.0	
Niagara Mohawk Power Corp.	Oakvale Construction	D	24055		031	36	2009-11-01	0.0		0.0	0.0		HY	WAT			1.6	

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

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Niagara Mohawk Power Corp.	Onondaga Energy Partners	C	23634		067	36	1987-12-01	1.4		0.0	0.0		IC	MTE			0.0	
Niagara Mohawk Power Corp.	Oswego County	C	23634		075	36	1986-03-01	3.6		0.0	0.0		ST	REF			5.4	
Niagara Mohawk Power Corp.	Oswego HY Partners (Phoenix)	C	23634		067	36	1990-12-01	3.4		0.0	0.0		HY	WAT			9.3	
Niagara Mohawk Power Corp.	Riverrat Glass&Electric	F	23643		031	36	1986-01-01	0.6		0.0	0.0		HY	WAT			2.3	
Niagara Mohawk Power Corp.	Sandy Hollow HY	E	23633		045	36	1986-09-01	0.6		0.0	0.0		HY	WAT			1.1	
Niagara Mohawk Power Corp.	Seneca Limited	C	23634		067	36	1985-12-01	0.2		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	Stevens&Thompson Paper Co.	F	23643		115	36	1987-12-01	10.5		0.0	0.0		HY	WAT			30.2	
Niagara Mohawk Power Corp.	Stillwater Assoc.	E	23633		043	36	1987-01-01	1.8		0.0	0.0		HY	WAT			4.1	
Niagara Mohawk Power Corp.	Stillwater HY Partners	F	23643		091	36	1993-04-01	3.4		0.0	0.0		HY	WAT			15.4	
Niagara Mohawk Power Corp.	Synergics - Middle Greenwich	F	23643		115	36	1987-12-01	0.2		0.0	0.0		HY	WAT			0.1	
Niagara Mohawk Power Corp.	Synergics - Union Falls	D	24055		019	36	1987-12-01	3.0		0.0	0.0		HY	WAT			12.9	
Niagara Mohawk Power Corp.	Synergics - Upper Greenwich	F	23643		115	36	1987-12-01	0.4		0.0	0.0		HY	WAT			2.1	
Niagara Mohawk Power Corp.	Tannery Island	E	23633		045	36	1986-01-01	1.5		0.0	0.0		HY	WAT			7.7	
Niagara Mohawk Power Corp.	Town of Wells	F	23643	Wells	041	36	1987-12-01	0.5		0.0	0.0		HY	WAT			1.4	
Niagara Mohawk Power Corp.	Tri-City JATC	F	23643		001	36	2009-11-01	0.0		0.0	0.0		IC	NG			0.0	
Niagara Mohawk Power Corp.	Unionville Hydro	E	23633		089	36	1984-07-01	3.0		0.0	0.0		HY	WAT			12.9	
Niagara Mohawk Power Corp.	United States Gypsum	A	23774		037	36	2009-11-01	0.0		0.0	0.0		CG	NG			0.9	
Niagara Mohawk Power Corp.	Valatie Falls	F	23643		021	36	1992-12-01	0.1		0.0	0.0		HY	WAT			0.6	
Niagara Mohawk Power Corp.	Valley Falls Assoc.	F	23643		083	36	1985-08-01	2.5		0.0	0.0		HY	WAT			7.1	
Niagara Mohawk Power Corp.	Village of Gouverneur	E	23633		089	36	1986-01-01	0.1		0.0	0.0		HY	WAT			0.4	
Niagara Mohawk Power Corp.	Village of Potsdam	E	23633		089	36	1986-01-01	0.8		0.0	0.0		HY	WAT			4.2	
Niagara Mohawk Power Corp.	Village of Saranac Lake	E	23633		033	36	1996-12-01	0.2		0.0	0.0		HY	WAT			0.4	
Niagara Mohawk Power Corp.	Wave Hydro LLC	C	23634	Baldwinsville	067	36	2010-02-07	0.8		0.0	0.0		HY	WAT			0.0	
Niagara Mohawk Power Corp.	West End Dam Assoc.	E	23633		045	36	1986-01-01	4.4		0.0	0.0		HY	WAT			19.5	
Nine Mile Point Nuclear Station, LLC	Nine Mile Pt 1	C	23575	Scriba	075	36	1969-11-01	641.8	630.5	626.9	637.7		NB	UR			4,832.6	
Nine Mile Point Nuclear Station, LLC	Nine Mile Pt 2	C	23744	Scriba	075	36	1988-08-01	1,427.3	1,246.6	1,287.2	1,287.2		NB	UR			8,374.2	
Noble Altona Windpark, LLC	Altona Wind Power	D	323606	Altona	019	36	2008-09-23	97.5	97.5	97.5	97.5		WT	WND			172.5	
Noble Bliss Windpark, LLC	Bliss Wind Power	A	323608	Bliss	121	36	2008-03-20	100.5	100.5	100.5	100.5		WT	WND			205.0	
Noble Chateaugay Windpark, LLC	Chateaugay Wind Power	D	323614	Chateaugay	033	36	2008-10-07	106.5	106.5	106.5	106.5		WT	WND			191.8	
Noble Clinton Windpark 1, LLC	Clinton Wind Power	D	323605	Clinton	019	36	2008-04-09	100.5	100.5	100.5	100.5		WT	WND			167.5	
Noble Ellenburg Windpark, LLC	Ellenburg Wind Power	D	323604	Ellenburg	019	36	2008-03-31	81.0	81.0	81.0	81.0		WT	WND			157.8	
Noble Wethersfield Windpark, LLC	Wethersfield Wind Power	C	323626	Wethersfield	121	36	2008-12-11	126.0	126.0	126.0	126.0		WT	WND			249.3	
Northbrook Lyons Falls, LLC	Lyons Falls Hydro	E	23570	LyonsFalls	049	36	1986-01-01	8.0	7.3	8.0	7.6		HY	WAT			42.3	
NRG Power Marketing LLC	Arthur Kill GT 1	J	23520	Staten Island	085	36	1970-06-01	20.0	16.5	11.5	13.0		GT	NG			1.6	(F)
NRG Power Marketing LLC	Arthur Kill ST 2	J	23512	Staten Island	085	36	1959-08-01	376.2	357.7	341.6	339.0		ST	NG	FO6		1,089.1	(F)
NRG Power Marketing LLC	Arthur Kill ST 3	J	23513	Staten Island	085	36	1969-06-01	535.5	518.0	511.1	523.8		ST	NG			565.3	
NRG Power Marketing LLC	Astoria GT 05	J	24106	Queens	081	36	1970-06-01	19.2	16.0	13.2	16.4		GT	FO2			0.1	

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

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
NRG Power Marketing LLC	Astoria GT 07	J	24107	Queens	081	36	1970-06-01	19.2	15.5	12.3	14.7		GT	FO2			0.0	
NRG Power Marketing LLC	Astoria GT 08	J	24108	Queens	081	36	1970-06-01	19.2	15.3	12.8	15.6		GT	FO2			0.0	
NRG Power Marketing LLC	Astoria GT 10 (Ret. - 5/1/12)	J	24110	Queens	081	36	1971-01-01	31.8	24.9	0.0	0.0		GT	FO2			0.0	(M)
NRG Power Marketing LLC	Astoria GT 11 (Ret. - 7/1/12)	J	24225	Queens	081	36	1971-02-01	31.8	23.6	0.0	0.0		GT	FO2			0.2	(M)
NRG Power Marketing LLC	Astoria GT 12	J	24226	Queens	081	36	1971-05-01	31.8	22.7	15.7	23.5		GT	FO2			1.4	
NRG Power Marketing LLC	Astoria GT 13	J	24227	Queens	081	36	1971-05-01	31.8	24.0	16.1	22.8		GT	FO2			0.5	
NRG Power Marketing LLC	Astoria GT 2-1	J	24094	Queens	081	36	1970-06-01	46.5	41.2	34.2	43.5		GT	KER	NG		9.1	
NRG Power Marketing LLC	Astoria GT 2-2	J	24095	Queens	081	36	1970-06-01	46.5	42.4	33.3	43.3		GT	KER	NG		9.8	
NRG Power Marketing LLC	Astoria GT 2-3	J	24096	Queens	081	36	1970-06-01	46.5	41.2	34.2	44.0		GT	KER	NG		7.4	
NRG Power Marketing LLC	Astoria GT 2-4	J	24097	Queens	081	36	1970-06-01	46.5	41.0	33.5	41.4		GT	KER	NG		6.5	
NRG Power Marketing LLC	Astoria GT 3-1	J	24098	Queens	081	36	1970-06-01	46.5	41.2	33.3	43.3		GT	KER	NG		5.9	
NRG Power Marketing LLC	Astoria GT 3-2	J	24099	Queens	081	36	1970-06-01	46.5	43.5	34.0	44.5		GT	KER	NG		7.3	
NRG Power Marketing LLC	Astoria GT 3-3	J	24100	Queens	081	36	1970-06-01	46.5	43.0	33.2	42.7		GT	KER	NG		7.3	
NRG Power Marketing LLC	Astoria GT 3-4	J	24101	Queens	081	36	1970-06-01	46.5	43.0	34.1	43.8		GT	KER	NG		13.2	
NRG Power Marketing LLC	Astoria GT 4-1	J	24102	Queens	081	36	1970-07-01	46.5	42.6	33.8	43.7		GT	KER	NG		3.5	
NRG Power Marketing LLC	Astoria GT 4-2	J	24103	Queens	081	36	1970-07-01	46.5	41.4	34.5	43.1		GT	KER	NG		4.3	
NRG Power Marketing LLC	Astoria GT 4-3	J	24104	Queens	081	36	1970-07-01	46.5	41.1	33.2	42.0		GT	KER	NG		5.2	
NRG Power Marketing LLC	Astoria GT 4-4	J	24105	Queens	081	36	1970-07-01	46.5	42.8	32.3	43.2		GT	KER	NG		12.6	
NRG Power Marketing LLC	Dunkirk 1 (Ret. - 6/1/13)	A	23563	Dunkirk	013	36	1950-11-01	100.0	96.2	0.0	0.0		ST	BIT			103.9	(M)
NRG Power Marketing LLC	Dunkirk 2	A	23564	Dunkirk	013	36	1950-12-01	100.0	97.2	75.0	75.2		ST	BIT			175.7	(S)
NRG Power Marketing LLC	Dunkirk 3 (Ret. - 9/11/12)	A	23565	Dunkirk	013	36	1959-09-01	217.6	201.4	0.0	0.0		ST	BIT			217.2	(17) (M)
NRG Power Marketing LLC	Dunkirk 4 (Ret. - 9/11/12)	A	23566	Dunkirk	013	36	1960-08-01	217.6	199.1	0.0	0.0		ST	BIT			125.0	(18) (M)
NRG Power Marketing LLC	Dunkirk IC 2	A	5050	Dunkirk	013	36	1990-01-01	0.5		0.0	0.0		IC	FO2			0.0	
NRG Power Marketing LLC	Huntley 67	A	23561	Tonawanda	029	36	1957-12-01	218.0	196.5	188.0	191.0		ST	BIT			315.5	
NRG Power Marketing LLC	Huntley 68	A	23562	Tonawanda	029	36	1958-12-01	218.0	198.0	189.5	188.0		ST	BIT			391.9	
NRG Power Marketing LLC	Huntley IC 1	A	5051	Tonawanda	029	36	1967-08-01	0.7		0.0	0.0		IC	FO2			0.0	
NRG Power Marketing LLC	Oswego 5	C	23606	Oswego	075	36	1976-02-01	901.8	850.3	803.7	825.5		ST	FO6			26.0	
NRG Power Marketing LLC	Oswego 6	C	23613	Oswego	075	36	1980-07-01	901.8	835.2	824.0	829.0		ST	FO6	NG		37.4	(F)
NRG Power Marketing LLC	Oswego IC 1	C	5052	Oswego	075	36	1967-08-01	0.7		0.0	0.0		IC	FO2			0.0	
NRG Power Marketing LLC	Oswego IC 2	C	5053	Oswego	075	36	1976-02-01	0.8		0.0	0.0		IC	FO2			0.0	
NRG Power Marketing LLC	Oswego IC 3	C	5054	Oswego	075	36	1980-07-01	0.8		0.0	0.0		IC	FO2			0.0	
NYSEG Solutions, Inc.	Carthage Energy	E	23857	Carthage	045	36	1991-08-01	62.9	59.0	55.2	63.2		CC	NG	FO2		16.0	(F)
Orange and Rockland Utilities	Buttermilk Falls	G	5055	Highland Falls	071	36	1986-12-01	0.1		0.0	0.0		HY	WAT			0.0	
Orange and Rockland Utilities	Intl. Crossroads	G	5056	Mahwah NJ	003	34	1987-12-01	3.0		0.0	0.0		IC	NG	FO2		0.0	
Orange and Rockland Utilities	Landfill G.Part19	G	5057	Goshen	071	36	1988-12-01	2.5		0.0	0.0		IC	MTE			0.0	
Orange and Rockland Utilities	Middletown LFG	G	5058	Goshen	071	36	1988-12-01	3.0		0.0	0.0		IC	MTE			0.0	
PSEG Energy Resource & Trade, LLC	Bethlehem Energy Center	F	23843	Bethlehem	001	36	2005-07-01	893.1	756.9	756.0	837.6		CC	NG	FO2		4,903.7	

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

Owner, Operator, and / or Billing Organization	Station	Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
R.E. Ginna Nuclear Power Plant, LLC	Ginna		B	23603	Ontario	117	36	1970-07-01	614.0	582.0	581.5	582.1		NP	UR			4,601.7	
ReEnergy Chateaugay LLC	Chateaugay Power		D	23792	Chateaugay	033	36	1993-02-01	19.7	18.6	18.2	18.5		ST	WD			35.5	
Rochester Gas and Electric Corp.	Allegany GT		B	23514	Hume	003	36	1995-03-01	42.0	40.2	38.2	38.1	YES	CT	NG			78.5	(G)
Rochester Gas and Electric Corp.	Allegany ST		B	23514	Hume	003	36	1995-03-01	25.0	22.7	22.8	22.6	YES	CW	NG				
Rochester Gas and Electric Corp.	Mills Mills		B	5059	Fillmore	003	36	1906-07-01	0.2		0.0	0.0		HY	WAT			0.0	
Rochester Gas and Electric Corp.	Mt Morris		B	5060	Mt Morris	051	36	1916-07-01	0.3		0.0	0.0		HY	WAT			0.0	
Rochester Gas and Electric Corp.	Station 2	1	B	23604	Rochester	055	36	1913-07-01	8.5	6.5	6.5	6.5		HY	WAT			40.2	
Rochester Gas and Electric Corp.	Station 26	1	B	23604	Rochester	055	36	1952-08-01	3.0	3.0	3.0	3.0		HY	WAT			0.0	
Rochester Gas and Electric Corp.	Station 5	1	B	23604	Rochester	055	36	1918-07-01	12.9	11.8	12.9	12.9		HY	WAT			2.1	
Rochester Gas and Electric Corp.	Station 5	2	B	23604	Rochester	055	36	1918-07-01	12.9	11.8	12.9	12.9		HY	WAT			0.0	
Rochester Gas and Electric Corp.	Station 5	3	B	23604	Rochester	055	36	1918-07-01	18.0	16.5	18.0	18.0		HY	WAT			0.0	
Rochester Gas and Electric Corp.	Station 9		B	23652	Rochester	055	36	1969-11-01	19.0	15.8	14.3	18.3		GT	NG			4.0	
Rochester Gas and Electric Corp.	Wiscoy 1		B	5061	Fillmore	003	36	1922-07-01	0.6		0.0	0.0		HY	WAT			0.0	
Rochester Gas and Electric Corp.	Wiscoy 2		B	5062	Fillmore	003	36	1922-07-01	0.5		0.0	0.0		HY	WAT			0.0	
Rockville Centre, Village of	Charles P Keller	07	K	1661	Rockville Centre	059	36	1942-09-01	2.0	2.0	1.9	1.9		IC	FO2			0.0	
Rockville Centre, Village of	Charles P Keller	08	K	1661	Rockville Centre	059	36	1950-09-01	2.7	2.8	2.6	2.6		IC	FO2			0.0	
Rockville Centre, Village of	Charles P Keller	09	K	1661	Rockville Centre	059	36	1954-09-01	3.5	3.3	3.4	3.4		IC	FO2	NG		0.0	
Rockville Centre, Village of	Charles P Keller	10	K	1661	Rockville Centre	059	36	1954-09-01	3.5	3.2	3.4	3.4		IC	FO2	NG		0.1	
Rockville Centre, Village of	Charles P Keller	11	K	1661	Rockville Centre	059	36	1962-09-01	5.2	5.2	5.0	5.0		IC	FO2	NG		0.3	
Rockville Centre, Village of	Charles P Keller	12	K	1661	Rockville Centre	059	36	1967-09-01	5.5	5.5	5.3	5.3		IC	FO2	NG		0.0	
Rockville Centre, Village of	Charles P Keller	13	K	1661	Rockville Centre	059	36	1974-09-01	5.5	5.6	5.3	5.3		IC	FO2	NG		0.2	
Rockville Centre, Village of	Charles P Keller	14	K	1661	Rockville Centre	059	36	1994-09-01	6.3	6.3	6.0	6.0		IC	FO2	NG		2.3	
Selkirk Cogen Partners, L.P.	Selkirk-I		F	23801	Selkirk	001	36	1992-03-01	107.2	82.1	76.6	101.6	YES	CC	NG	FO2		450.6	(F)
Selkirk Cogen Partners, L.P.	Selkirk-II		F	23799	Selkirk	001	36	1994-09-01	338.8	291.3	274.5	329.8	YES	CC	NG	FO2		1,212.7	
Seneca Energy II, LLC	Ontario LFGE		C	23819	Canandaigua	069	36	2003-12-01	6.4	5.6	6.4	6.4		IC	MTE			51.9	
Seneca Energy II, LLC	Seneca Energy 1		C	23797	Seneca Falls	099	36	1996-03-01	8.8	8.8	8.8	8.8		IC	MTE			139.4	(G)
Seneca Energy II, LLC	Seneca Energy 2		C	23797	Seneca Falls	099	36	1997-08-01	8.8	8.8	8.8	8.8		IC	MTE				
Seneca Power Partners, L.P.	Batavia		B	24024	Batavia	037	36	1992-06-01	67.3	57.1	48.9	59.0		CC	NG			99.0	
Seneca Power Partners, L.P.	Hillburn GT		G	23639	Hillburn	087	36	1971-04-01	46.5	37.9	35.3	42.3		GT	NG	KER		0.3	
Seneca Power Partners, L.P.	Shoemaker GT		G	23640	Middletown	071	36	1971-05-01	41.9	33.1	31.9	37.0		GT	NG	KER		0.8	
Seneca Power Partners, L.P.	Sterling		E	23777	Sherrill	065	36	1991-06-01	65.3	57.4	50.6	62.1		CC	NG			37.8	
Sheldon Energy LLC	High Sheldon Wind Farm		C	323625	Sheldon	121	36	2009-02-01	112.5	112.5	112.5	112.5		WT	WND			254.6	
Shell Energy North America (US), L.P.	Glen Park Hydro		E	23778	Glen Park	045	36	1986-01-01	32.6	40.4	32.6	32.6		HY	WAT			116.2	
Shell Energy North America (US), L.P.	Lockport GT1		A	23791	Lockport	063	36	1992-07-01	48.7	50.9	45.7	50.9		CT	NG	FO2		268.7	(G)
Shell Energy North America (US), L.P.	Lockport GT2		A	23791	Lockport	063	36	1992-07-01	48.7	50.9	45.7	50.9		CT	NG	FO2			
Shell Energy North America (US), L.P.	Lockport GT3		A	23791	Lockport	063	36	1992-07-01	48.7	50.9	45.7	50.9		CT	NG	FO2			
Shell Energy North America (US), L.P.	Lockport ST1		A	23791	Lockport	063	36	1992-07-01	75.2	72.5	70.6	78.7		CW	NG	FO2			

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

Owner, Operator, and / or Billing Organization	Station Unit	Zone	PTID	Location Town	Cnty	St	In-Service Date YY-MM-DD	Name Plate Rating (MW)	CRIS Sum Cap (A) (MW)	2013 Capability (B) (MW) SUM	WIN	Co-Gen Y/N	Unit Type	Fuel Type 1	Type 2	Type 3	2012 Net Energy (GWh)	Notes
Shell Energy North America (US), L.P.	Munnsville Wind Power	E	323609	Bouckville	053	36	2007-08-20	34.5	34.5	34.5	34.5		WT	WND			86.7	
Sithe Independence Power Partners L.P.	Independence	C	23800	Scriba	075	36	1994-11-01	1,254.0	954.4	915.2	999.2		CC	NG			5,510.4	
Somerset Operating Company, LLC	Somerset	A	23543	Somerset	063	36	1984-08-01	655.1	686.5	672.0	686.0		ST	BIT			2,046.4	
Stephentown Regulation Services LLC	Beacon LESR	F	323632	Stephentown	083	36	2010-11-29	20.0		0.0	0.0		ES	FW			0.0	
Syracuse Energy Corporation	Syracuse Energy ST1	C	323597	Syracuse	067	36	1991-08-01	11.0	11.0	11.0	11.0	YES	ST	BIT	FO2		85.0	(G)
Syracuse Energy Corporation	Syracuse Energy ST2	C	323598	Syracuse	067	36	1991-08-01	90.6	58.9	63.9	61.4	YES	ST	BIT	FO2		0.0	
TC Ravenswood, LLC	Ravenswood 01	J	23729	Queens	081	36	1967-07-01	18.6	8.8	8.9	10.2		GT	NG			1.0	
TC Ravenswood, LLC	Ravenswood 04	J	24252	Queens	081	36	1970-09-01	21.1	15.2	10.5	14.8		GT	KER	NG		0.7	
TC Ravenswood, LLC	Ravenswood 05	J	24254	Queens	081	36	1970-08-01	21.1	15.7	11.5	14.5		GT	KER			0.6	
TC Ravenswood, LLC	Ravenswood 06	J	24253	Queens	081	36	1970-08-01	22.0	16.7	13.4	16.3		GT	KER	NG		0.5	
TC Ravenswood, LLC	Ravenswood 07	J	24255	Queens	081	36	1970-08-01	22.0	16.5	12.7	15.4		GT	KER	NG		0.1	
TC Ravenswood, LLC	Ravenswood 09	J	24257	Queens	081	36	1970-07-01	25.0	21.7	19.1	23.4		GT	KER	NG		2.5	
TC Ravenswood, LLC	Ravenswood 10	J	24258	Queens	081	36	1970-08-01	25.0	21.2	18.9	23.1		GT	KER	NG		2.5	
TC Ravenswood, LLC	Ravenswood 11	J	24259	Queens	081	36	1970-08-01	25.0	20.2	19.6	24.1		GT	KER	NG		2.4	
TC Ravenswood, LLC	Ravenswood 2-1	J	24244	Queens	081	36	1970-12-01	42.9	40.4	36.9	43.3		GT	NG			8.9	(F)
TC Ravenswood, LLC	Ravenswood 2-2	J	24245	Queens	081	36	1970-12-01	42.9	37.6	35.0	44.0		GT	NG			10.8	(F)
TC Ravenswood, LLC	Ravenswood 2-3	J	24246	Queens	081	36	1970-12-01	42.9	39.2	36.8	43.1		GT	NG			9.9	(F)
TC Ravenswood, LLC	Ravenswood 2-4	J	24247	Queens	081	36	1970-12-01	42.9	39.8	28.2	38.5		GT	NG			6.8	(F)
TC Ravenswood, LLC	Ravenswood 3-1	J	24248	Queens	081	36	1970-08-01	42.9	40.5	35.1	43.4		GT	NG			7.1	(F)
TC Ravenswood, LLC	Ravenswood 3-2	J	24249	Queens	081	36	1970-08-01	42.9	38.1	35.3	41.9		GT	NG			6.9	(F)
TC Ravenswood, LLC	Ravenswood 3-3	J	24250	Queens	081	36	1970-08-01	42.9	37.7	36.7	43.5		GT	NG			5.1	(F)
TC Ravenswood, LLC	Ravenswood CC 04	J	23820	Queens	081	36	2004-05-01	250.0	231.2	207.8	251.3		CC	NG	FO2		1,483.2	
TC Ravenswood, LLC	Ravenswood ST 01	J	23533	Queens	081	36	1963-02-01	400.0	365.1	366.7	374.0		ST	FO6	NG		924.3	
TC Ravenswood, LLC	Ravenswood ST 02	J	23534	Queens	081	36	1963-05-01	400.0	391.6	362.7	372.2		ST	FO6	NG		907.9	
TC Ravenswood, LLC	Ravenswood ST 03	J	23535	Queens	081	36	1965-06-01	1,027.0	986.8	962.5	965.2		ST	FO6	NG		1,056.1	
Triton Power Company	Chateaugay High Falls	D	323578	Chateaugay	033	36	1987-12-01	3.0	1.8	0.0	0.0		HY	WAT			7.2	
Western New York Wind Corp.	Western NY Wind Power	B	24143	Wethersfield	121	36	2000-10-01	6.6	6.6	0.0	0.0		WT	WND			12.0	
Wheelabrator Hudson Falls, LLC	Wheelabrator Hudson Falls	F	23798	Hudson Falls	115	36	1991-10-01	14.4	12.7	11.6	11.7		ST	REF			78.4	
Wheelabrator Westchester, LP	Wheelabrator Westchester	H	23653	Peekskill	119	36	1984-04-01	59.7	53.5	52.3	54.0		ST	REF			409.3	
										37,920.0	**40,139.5**						**139,137.4**	

NOTES FOR TABLE III-2 (Existing Generating Facilities)

Note #	Owner / Operator	Station Unit	Zone	PTID	Note
1	Bayonne Energy Center, LLC	Bayonne EC CTG1	J	323682	Unit produced power during months Jun - Dec, 2012.
2	Bayonne Energy Center, LLC	Bayonne EC CTG2	J	323683	Unit produced power during months Jun - Dec, 2012.
3	Bayonne Energy Center, LLC	Bayonne EC CTG3	J	323684	Unit produced power during months Jun - Dec, 2012.
4	Bayonne Energy Center, LLC	Bayonne EC CTG4	J	323685	Unit produced power during months Jun - Dec, 2012.
5	Bayonne Energy Center, LLC	Bayonne EC CTG5	J	323686	Unit produced power during months Jun - Dec, 2012.
6	Bayonne Energy Center, LLC	Bayonne EC CTG6	J	323687	Unit produced power during months Jun - Dec, 2012.
7	Bayonne Energy Center, LLC	Bayonne EC CTG7	J	323688	Unit produced power during months Jun - Dec, 2012.
8	Bayonne Energy Center, LLC	Bayonne EC CTG8	J	323689	Unit produced power during months Jun - Dec, 2012.
9	Innovative Energy Systems, Inc.	Steuben County LF	C	323667	Unit produced power during months Aug - Dec, 2012.
10	Marble River LLC	Marble River Wind	D	323696	Unit produced power during months Jul - Dec, 2012.
11	Long Island Power Authority	Far Rockaway ST 04	K	23548	Unit produced power during months Jan - Jun, 2012 and was in service until 7/1/12.
12	Long Island Power Authority	Glenwood ST 04	K	23550	Unit produced power during months Jan - Jun, 2012 and was in service until 7/1/12.
13	Long Island Power Authority	Glenwood ST 05	K	23614	Unit produced power during months Jan - Jun, 2012 and was in service until 7/1/12.
14	New York Power Authority	Kensico 1	I	23655	Unit produced power during months Jan - Sep, 2012 and was in service until 9/25/12.
15	New York Power Authority	Kensico 2	I	23655	Unit produced power during months Jan - Sep, 2012 and was in service until 9/25/12.
16	New York Power Authority	Kensico 3	I	23655	Unit produced power during months Jan - Sep, 2012 and was in service until 9/25/12.
17	NRG Power Marketing LLC	Dunkirk 3	A	23565	Unit produced power during months Jan - Sep, 2012 and was in service until 9/11/12.
18	NRG Power Marketing LLC	Dunkirk 4	A	23566	Unit produced power during months Jan - Sep, 2012 and was in service until 9/11/12.
A	Various	Generating Units	A-K	Various	Summer CRIS caps reflect capacity level of the unit that is deemed deliverable. See Definitions of Labels for the Load & Capacity Schedules (Section V) for description.
B	Various	Generating Units	A-K	Various	2013 capability reflects the most recent unadjusted DMNC values for units that are participating in the NYISO Installed Capacity Market. DMNC stands for Dependable Maximum Net Generating Capability. All Wind and Solar units are displayed with 100% of their nameplate ratings. Units with a capability of 0 do not participate in the Installed Capacity Market; however, they may act as energy-only suppliers or load modifiers.
F	Various	Generating Units	A-K	Various	Unit(s) Fuel Type profile was updated since the publication of the 2012 Load and Capacity Data Report.
G	Various	Generating Station	A-K	Various	Generation is reported as Station Total.
M	Various	Mothballed Generator	A-K	Various	This unit is mothballed and therefore treated as retired, per PSC order in Case 05-E-0889, footnote 1.
N	Various	New Generator	A-K	Various	Unit(s) added since the publication of the 2012 Load and Capacity Data Report.
R	Various	Retired Generator	A-K	Various	Unit(s) retired since the publication of the 2012 Load and Capacity Data Report.
S	Various	RSS Generator	A-K	Various	This unit is operating under a RSS (Reliability Support Services) agreement.
T	Various	Danskammer	G	Various	The retirement date reflects the date associated with the Notice of Intent to Retire. The actual retirement date can be as late as 7/3/13.

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

Generator Type		ZONE											
		A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	***TOTAL***
		Summer Capability Period (MW) (2)											
Fossil	**Steam Turbine (Oil)**	0.0	0.0	803.7	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	**809.6**
	Steam Turbine (Oil & Gas)	0.0	0.0	824.0	0.0	0.0	0.0	1,961.9	0.0	0.0	3,110.9	2,358.5	**8,255.3**
	Steam Turbine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	511.1	0.0	**511.1**
	Steam Turbine (Coal)	1,168.0	0.0	379.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1,547.5**
	Combined Cycle	384.7	109.9	1,188.4	332.0	184.3	2,898.9	0.0	0.0	0.0	3,202.3	690.8	**8,991.3**
	Jet Engine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	510.3	**510.3**
	Jet Engine (Gas & Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	494.3	160.8	**655.1**
	Combustion Turbine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	428.5	730.8	**1,159.3**
	Combustion Turbine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	67.2	0.0	0.0	1,077.6	389.9	**1,534.7**
	Combustion Turbine (Gas)	39.4	14.3	5.1	0.0	0.0	0.0	0.0	0.0	0.0	709.4	229.7	**997.9**
	Internal Combustion	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.0	**54.0**
Pumped Storage	**Pumped Storage Hydro**	240.0	0.0	0.0	0.0	0.0	1,166.6	0.0	0.0	0.0	0.0	0.0	**1,406.6**
Nuclear	**Steam (PWR Nuclear)**	0.0	581.5	0.0	0.0	0.0	0.0	0.0	2,068.7	0.0	0.0	0.0	**2,650.2**
	Steam (BWR Nuclear)	0.0	0.0	2,760.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**2,760.6**
Renewable (1)	**Conventional Hydro**	2,448.1	59.8	108.6	891.5	376.1	314.7	76.9	0.0	0.0	0.0	0.0	**4,275.8**
	Internal Combustion (Methane)	24.8	13.6	38.9	6.4	8.0	9.3	0.0	0.0	0.0	0.0	0.0	**101.0**
	Steam Turbine (Wood)	0.0	0.0	0.0	18.2	20.5	0.0	0.0	0.0	0.0	0.0	0.0	**38.7**
	Steam Turbine (Refuse)	38.3	0.0	32.8	0.0	0.0	11.6	7.2	52.3	0.0	0.0	120.5	**262.7**
	Wind	120.5	0.0	418.9	385.5	441.9	0.0	0.0	0.0	0.0	0.0	0.0	**1,366.8**
	Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.5	**31.5**
	Totals	**4,463.8**	**779.1**	**6,560.5**	**1,633.6**	**1,030.8**	**4,407.0**	**2,113.2**	**2,121.0**	**0.0**	**9,534.1**	**5,276.8**	**37,920.0**

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

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

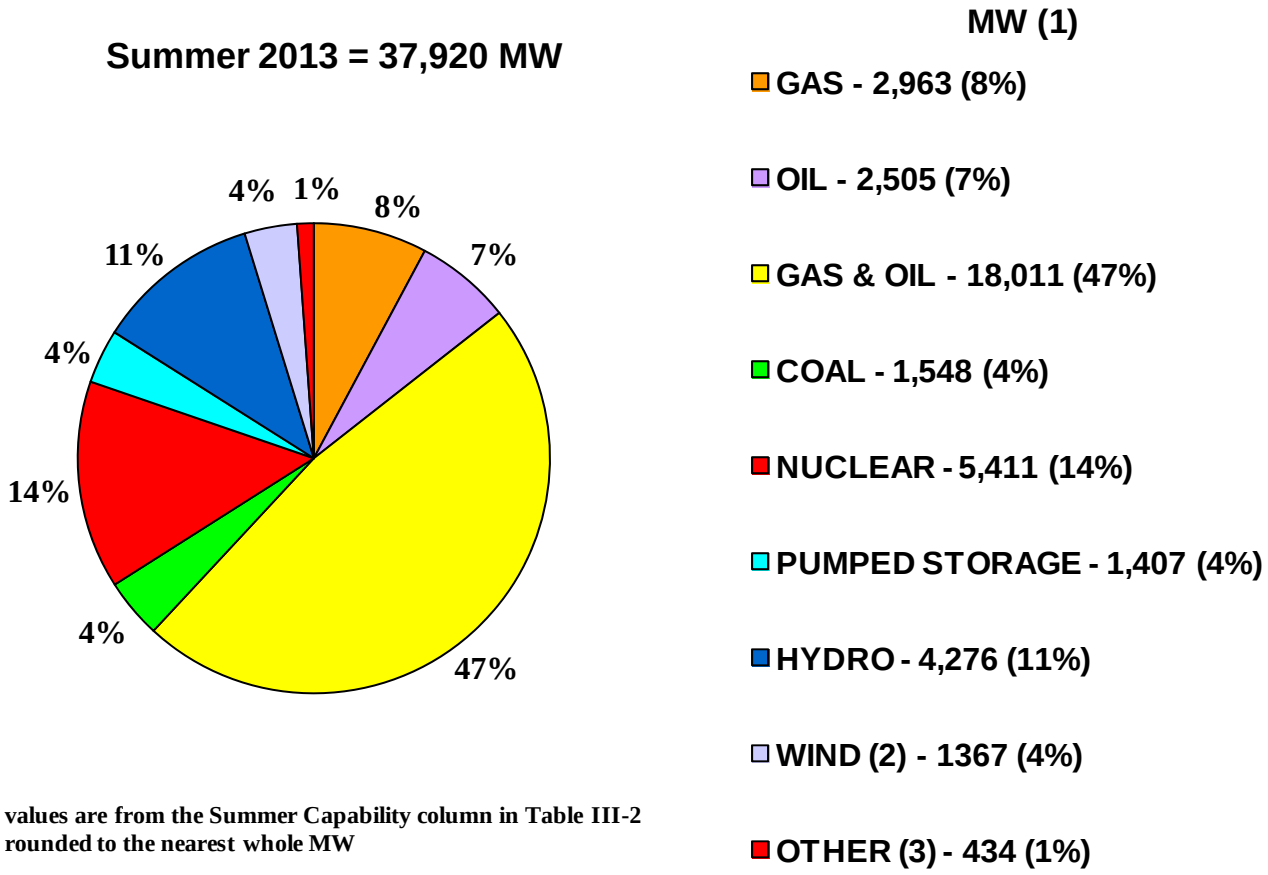
Table III-3b: Capability by Zone and Type – Winter

Generator Type		ZONE A	B	C	D	E	F	G	H	I	J	K	*TOTAL*
		Winter Capability Period (MW) (2)											
Fossil	**Steam Turbine (Oil)**	0.0	0.0	825.5	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	**835.1**
	Steam Turbine (Oil & Gas)	0.0	0.0	829.0	0.0	0.0	0.0	1,957.9	0.0	0.0	3,130.1	2,331.2	**8,248.2**
	Steam Turbine (Gas)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	523.8	0.0	**523.8**
	Steam Turbine (Coal)	1,183.6	0.0	381.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**1,565.4**
	Combined Cycle	432.4	119.7	1,322.1	372.6	216.3	3,437.0	0.0	0.0	0.0	3,551.1	788.1	**10,239.3**
	Jet Engine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	632.2	**632.2**
	Jet Engine (Gas & Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	512.0	198.6	**710.6**
	Combustion Turbine (Oil)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	527.7	878.6	**1,406.3**
	Combustion Turbine (Oil & Gas)	0.0	0.0	0.0	0.0	0.0	0.0	79.3	0.0	0.0	1,377.8	436.4	**1,893.5**
	Combustion Turbine (Gas)	45.5	18.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	794.0	240.7	**1,105.7**
	Internal Combustion	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.1	**56.1**
Pumped Storage	**Pumped Storage Hydro**	240.0	0.0	0.0	0.0	0.0	1,168.9	0.0	0.0	0.0	0.0	0.0	**1,408.9**
Nuclear	**Steam (PWR Nuclear)**	0.0	582.1	0.0	0.0	0.0	0.0	0.0	2,075.6	0.0	0.0	0.0	**2,657.7**
	Steam (BWR Nuclear)	0.0	0.0	2,773.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**2,773.1**
Renewable (1)	**Conventional Hydro**	2,442.3	59.8	108.6	904.9	375.7	314.7	77.2	0.0	0.0	0.0	0.0	**4,283.2**
	Internal Combustion (Methane)	24.8	13.6	38.9	6.4	6.4	9.3	0.0	0.0	0.0	0.0	0.0	**99.4**
	Steam Turbine (Wood)	0.0	0.0	0.0	18.5	20.7	0.0	0.0	0.0	0.0	0.0	0.0	**39.2**
	Steam Turbine (Refuse)	34.5	0.0	33.1	0.0	0.0	11.7	8.0	54.0	0.0	0.0	122.2	**263.5**
	Wind	120.5	0.0	418.9	385.5	441.9	0.0	0.0	0.0	0.0	0.0	0.0	**1,366.8**
	Solar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.5	**31.5**
	Totals	**4,523.6**	**793.5**	**6,738.2**	**1,687.9**	**1,061.0**	**4,951.2**	**2,122.4**	**2,129.6**	**0.0**	**10,416.5**	**5,715.6**	**40,139.5**

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

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

Figure III-1: 2013 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) – There is a total of 1,634 MW of Installed Capacity, of which 267 MW do not participate in the Installed Capacity market

(3) - Includes Methane, Refuse, Solar & Wood

Figure III-2: 2012 NYCA Generation by Fuel Type

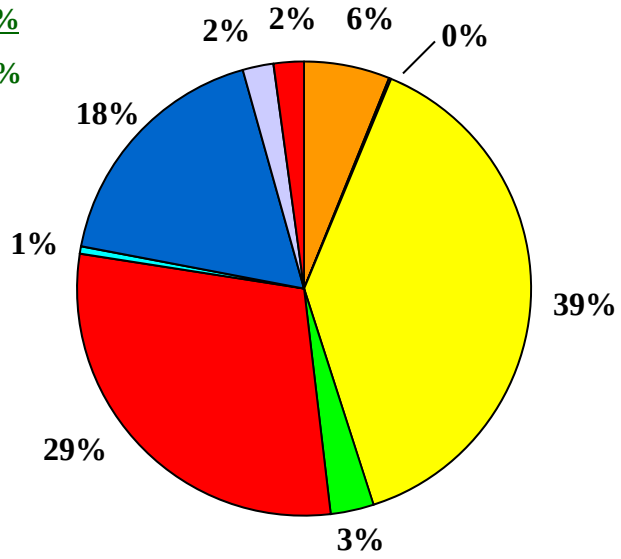
Renewable Resources (3)

Conventional Hydro 18%

Wind 2%

Other 2%

Total 22%



GWh (1)

- GAS - 8,504 (6%)
- OIL - 210 (0%)
- GAS & OIL - 53,964 (39%)
- COAL - 4,281 (3%)
- NUCLEAR - 40,817 (29%)
- PUMPED STORAGE - 731 (1%)
- HYDRO - 24,572 (18%)
- WIND - 3,060 (2%)
- OTHER (2) - 2,998 (2%)

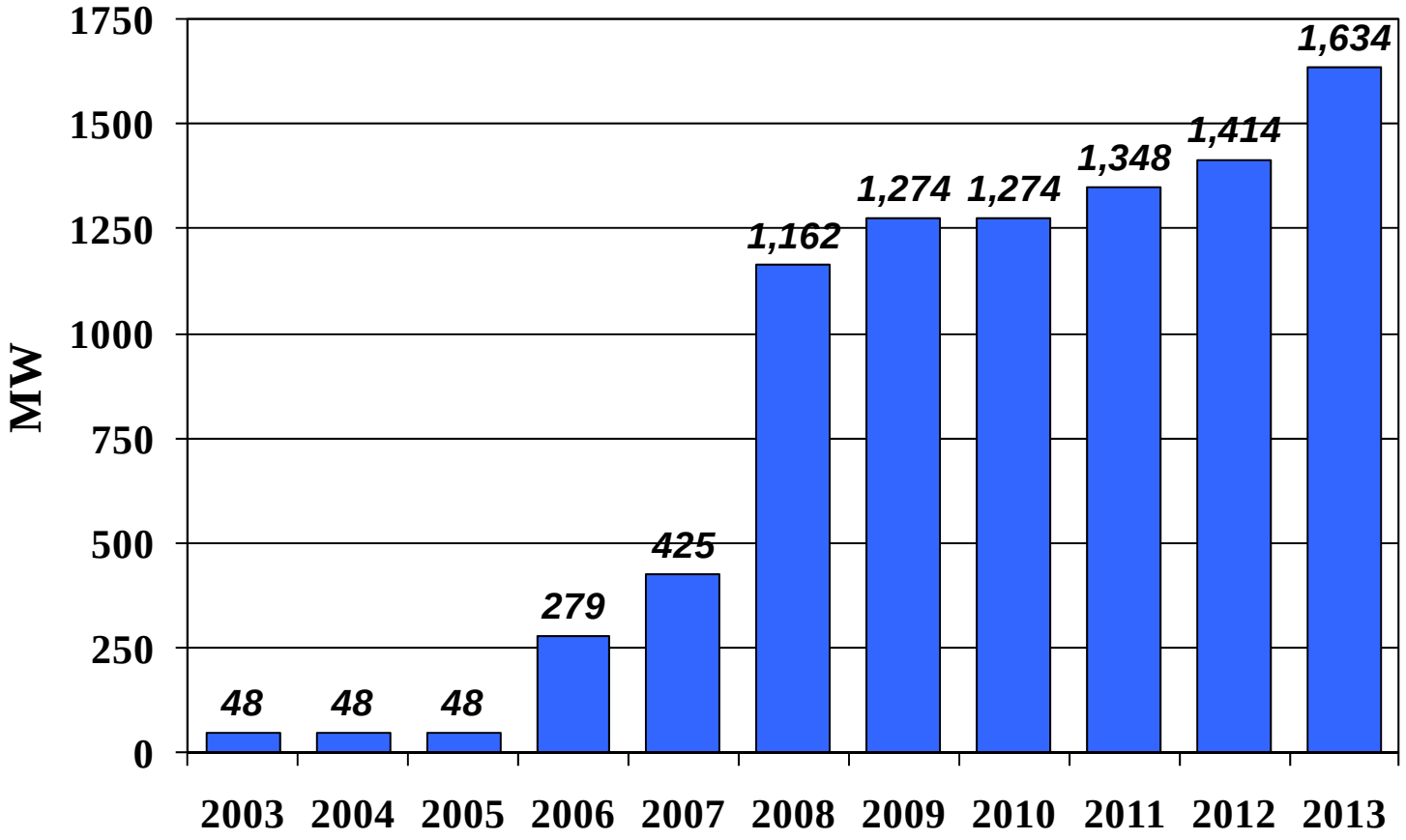
Total 2012 = 139,137 GWh

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

(2) - Includes Methane, Refuse, Solar & Wood

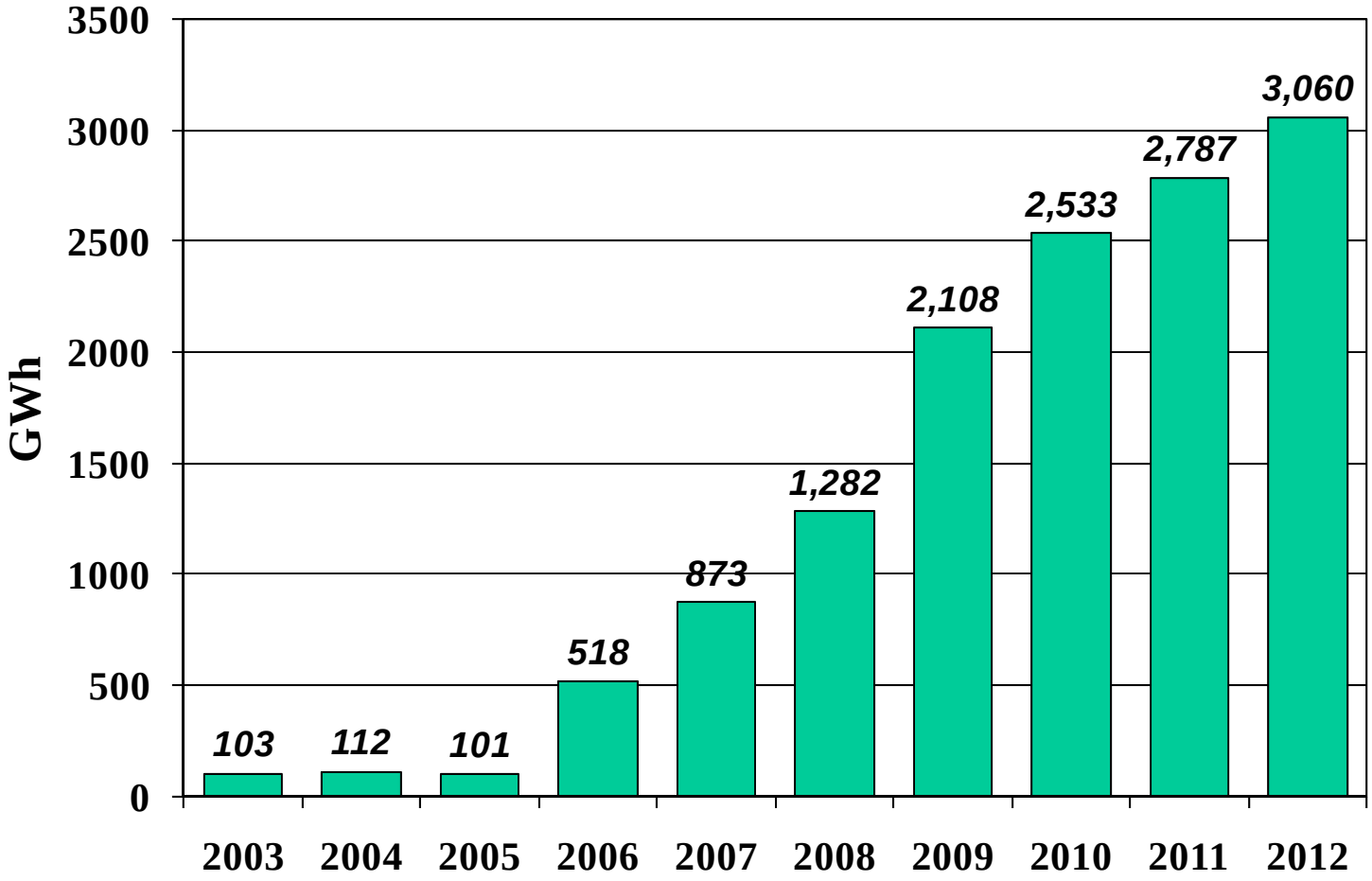
(3) – Renewable Resources do not necessarily match the NYS Renewable Portfolio Standard (RPS) definition

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



Note: Installed MW values are as of March 31, 2013. Not all wind generation participates in the NYISO Capacity Market.

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



SECTION IV:

CHANGES IN GENERATING CAPACITY SINCE 2012
AS OF MARCH 31, 2013

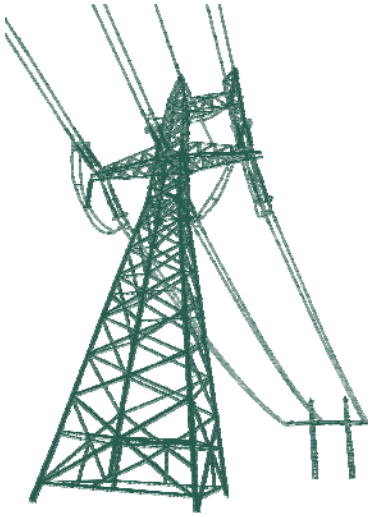


Table IV-1: Proposed Generator Additions

QUEUE POS.	OWNER / OPERATOR	STATION UNIT	ZONE	DATE	NAMEPLATE RATING (MW)	CRIS[1] (MW)	SUMMER (MW)	WINTER (MW)	UNIT TYPE	CLASS YEAR	NOTES
		Completed Class Year Facilities Study									
263	Stony Creek Wind Farm, LLC	Stony Creek Wind Farm	C	2013/11	94.4	88.5	94.4	94.4	Wind Turbines	2010	(2)
119	ECOGEN, LLC	Prattsburgh Wind Farm	C	2013/12	78.2	0.0	78.2	78.2	Wind Turbines	2003-05	
222	Ball Hill Windpark, LLC	Ball Hill Windpark	A	2014/Q1	90.0	90.0	90.0	90.0	Wind Turbines	2009	
237	Allegany Wind, LLC	Allegany Wind	A	2014/09	72.5	0.0	72.5	72.5	Wind Turbines	2010	
166	Cape Vincent Wind Power, LLC	St. Lawrence Wind Farm	E	2014/12	75.9	75.9	75.9	75.9	Wind Turbines	2007	
207	Cape Vincent Wind Power, LLC	Cape Vincent	E	2014/12	209.3	0.0	209.3	209.3	Wind Turbines	2008	
197	PPM Roaring Brook, LLC / PPM	Roaring Brook Wind	E	2015/12	78.0	0.0	78.0	78.0	Wind Turbines	2008	
		Class 2011 Projects									
349	Taylor Biomass Energy, LLC	Taylor Biomass	G	2013/12	21.0	TBD	19.0	22.5	Solid Waste		
201	NRG Energy	Berrians GT	J	2014/06	200.0	TBD	200.0	200.0	Combined Cycle		
224	NRG Energy, Inc.	Berrians GT II	J	2014/06	78.9	TBD	50.0	90.0	Combined Cycle		
198	New Grange Wind Farm, LLC	Arkwright Summit Wind Farm	A	2014/12	79.8	TBD	79.8	79.8	Wind Turbines		
251	CPV Valley, LLC	CPV Valley Energy Center	G	2016/05	820.0	TBD	677.6	690.6	Combined Cycle		
310	Cricket Valley Energy Center, LLC	Cricket Valley Energy Center	G	2016/07	1308.0	TBD	1019.9	1136.0	Combined Cycle		
		Class 2012 Projects									
189	Atlantic Wind, LLC	Horse Creek Wind	E	2014/12	126.0	TBD	126.0	126.0	Wind Turbines		
322	Rolling Upland Wind Farm, LLC	Rolling Upland Wind	E	2015/10	59.9	TBD	59.9	59.9	Wind Turbines		
266	NRG Energy, Inc.	Berrians GT III	J	2016/06	278.9	TBD	250.0	290.0	Combined Cycle		
		Class Candidates									
354	Atlantic Wind, LLC	North Ridge Wind	E	2014/12	100.0	TBD	100.0	100.0	Wind Turbines		
270	Wind Development Contract Co, LLC	Hounsfield Wind	E	2015/12	244.8	TBD	244.8	244.8	Wind Turbines		
		Other Non Class Year Generators									
370	Smokey Avenue Wind, LLC	Smokey Avenue Wind	F	2013/12	18.0	0.0	18.0	18.0	Wind Turbines		
180A	Green Power	Cody Road	C	2013/Q4	10.0	0.0	10.0	10.0	Wind Turbines		
377	Monroe County	Monroe County Mill Seat	B	2013/Q4	3.2	0.0	3.2	3.2	Methane		
362	Monticello Hills Wind, LLC	Monticello Hills Wind	E	2014/12	18.0	0.0	18.0	18.0	Wind Turbines		
371	South Moutain Wind, LLC	South Mountain Wind	E	2014/12	18.0	0.0	18.0	18.0	Wind Turbines		
378	Invenergy NY LLC	Marsh Hill Wind	C	2015/12	16.2	0.0	16.2	16.2	Wind Turbines		
264	RG&E	Seth Green	B	N/A	2.8	0.0	2.8	2.8	Hydro		
338	RG&E	Brown's Race II	B	N/A	8.3	0.0	8.3	8.3	Hydro		
					Total		**3,620**	**3,832**			

Notes:

(1) CRIS values reflect capacity level of the unit that is deemed deliverable. See Definitions of Labels on Load & Capacity Schedule (Sec. V) for description.

(2) Projects that have met Base Case inclusion rules as of March 31, 2013, as described in the Comprehensive Reliability Planning Process (CRPP) Manual, Section 4.1, and are included as new additions in this year's Load and Capacity Schedule, Table V-2a & V-2b.

Table IV-2: Proposed Generator Reratings

							INCREMENTAL CAPABILITY (MW)				TOTAL CAPABILITY[3] (MW)				
QUEUE POS.	OWNER / OPERATOR	STATION UNIT	ZONE	DATE	PTID	Class Year	Rating (MW)	CRIS[1]	SUMMER	WINTER	Rating (MW)	CRIS[1]	SUMMER	WINTER	Notes
355	Brookfield Renewable Power	Stewarts Bridge Hydro	F	2013/05	24058	2012	3.0	0.0	3.0	3.0	33.0	35.8	32.9	32.9	(2)
284	Broome Energy Resources, LLC	Nanticoke Landfill	C	2013/06	323600		1.6	0.0	1.6	1.6	3.7	2.1	3.7	3.7	(2)
375	Eagle Creek Hydro, LLC	Eagle Creek Hydro	E	2013/10	23641		0.8	0.0	0.8	0.8	21.8	22.4	19.9	20.0	
127A	Airtricity Munnsville Wind Farm, LLC	Munnsville Wind Power	E	2013/12	323609	2006	6.0	0.0	6.0	6.0	40.5	34.5	40.5	40.5	(4)
213	Noble Environ Power, LLC	Ellenburg II Windfield	D	N/A	323604	2007	21.0	21.0	21.0	21.0	102.0	102.0	102.0	102.0	(4)
	Total						**32.4**	**21.0**	**32.4**	**32.4**	**201.0**	**196.8**	**199.0**	**199.1**	

Notes:

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

(2) Projects that have met Base Case inclusion rules as of March 31, 2013 as described in the Comprehensive Reliability Planning Process (CRPP) manual, Section 4.1, and that are included as new reratings in this year's Load and Capacity Schedule, Tables V-2a & V-2b.

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

(4) The above capability values for wind generation projects reflect nameplate figures for Summer and Winter capability.

Table IV-3: Generator Retirements[1]

Table IV-3a-1: Units Removed from Existing Capacity Since the 2012 Gold Book

					CAPABILITY (MW)			
OWNER / OPERATOR	**STATION UNIT**	**ZONE**	**DATE** (4)	**PTID**	**CRIS**	**SUMMER**	**WINTER**	**Notes**
As of March 31, 2013								
Astoria Generating Company L.P.	Astoria 4	J	04/18/2012	23517	375.6	381.2	386.8	(3)
NRG Power Marketing LLC	Astoria GT 10	J	05/01/2012	24110	24.9	17.5	24.2	(3)
NRG Power Marketing LLC	Astoria GT 11	J	07/01/2012	24225	23.6	16.4	26.5	(3)
Long Island Power Authority	Far Rockaway ST 04	K	07/01/2012	23548	110.6	106.7	106.2	(2)
Long Island Power Authority	Glenwood ST 04	K	07/01/2012	23550	118.7	115.0	111.0	(2)
Long Island Power Authority	Glenwood ST 05	K	07/01/2012	23614	122.0	108.7	105.5	(2)
Erie Blvd. Hydro - Seneca Oswego	Baldwinsville 2	C	07/03/2012	24041	0.2	0.3	0.3	(3)
NRG Power Marketing LLC	Dunkirk 3	A	09/11/2012	23565	201.4	185.0	185.0	(3)
NRG Power Marketing LLC	Dunkirk 4	A	09/11/2012	23566	199.1	185.0	185.0	(3)
New York Power Authority	Kensico Units #1, #2, #3	I	09/25/2012	23655	3.0	3.0	3.0	(2)
Dynegy Danskammer, LLC	Danskammer 1*	G	01/03/2013	23586	67.0	61.0	63.5	(2)
Dynegy Danskammer, LLC	Danskammer 2*	G	01/03/2013	23589	62.7	59.2	61.7	(2)
Dynegy Danskammer, LLC	Danskammer 3*	G	01/03/2013	23590	137.2	137.7	137.2	(2)
Dynegy Danskammer, LLC	Danskammer 4*	G	01/03/2013	23591	236.2	237.0	236.5	(2)
Dynegy Danskammer, LLC	Danskammer 5*	G	01/03/2013	23592	2.5	0.0	0.0	(2)
Dynegy Danskammer, LLC	Danskammer 6*	G	01/03/2013	23592	2.5	0.0	0.0	(2)
After March 31, 2013								
Long Island Power Authority	Montauk Units #2, #3, #4	K	05/04/2013	23721	6.0	5.7	3.2	(2)
Niagara Generation, LLC	Niagara Bio-Gen**	A	05/09/2013	23895	50.5	0.0	0.0	(2)
NRG Power Marketing LLC	Dunkirk 1	A	06/01/2013	23563	96.2	75.0	75.0	(3)
				Total	**1839.9**	**1694.4**	**1710.6**	

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

2. Unit owner has provided notice of retirement.

3. Unit owner has provided notice of mothballing the unit.

4. The effective date as per the Letter of Intent to Retire.

* The Notice of Intent to Retire was posted on 1/3/2013. These units have been out of service since 10/29/12.
Given the NYS PSC 180-day notification requirement, the official date of retirement could be as late as 7/2/13.

** This unit's capacity of 46.4 MW was not included in the 2012 Summer Capability period because it only participated in the Installed Capacity market on a limited basis after the 2012 Load and Capacity Data report was published.

Table IV-3a-2: Units Mothballed or Under Protective Lay-up Listed in Previous Gold Books

					CAPABILITY (MW)		
OWNER / OPERATOR	**STATION UNIT**	**ZONE**	**DATE**	**PTID**	**CRIS**	**SUMMER**	**WINTER**
AES Eastern Energy, LP	Greenidge 4 [1]	C	03/18/2011	23583	106.1	106.1	105.4
AES Eastern Energy, LP	Westover 8 [1]	C	03/18/2011	23580	83.8	81.2	81.5
Astoria Generating Company L.P.	Astoria 2	J	04/11/2012	24149	177.0	182.8	182.6
Total					**366.9**	**370.1**	**369.5**

1. The unit was mothballed in March 2011. A notice of retirement was provided on 9/21/2012.

Table IV-3b: Scheduled Retirements or Mothballing Effective After 2013

					CAPABILITY (MW)		
OWNER / OPERATOR	**STATION UNIT**	**ZONE**	**DATE**	**PTID**	**CRIS**	**SUMMER**	**WINTER**
NRG Power Marketing LLC	Dunkirk 2[2]	A	06/01/2015	23564	97.2	75.0	75.2

2. A mothball notice was provided for the unit. It is currently operating under a Reliability Support Services (RSS) agreement through May 31, 2015.

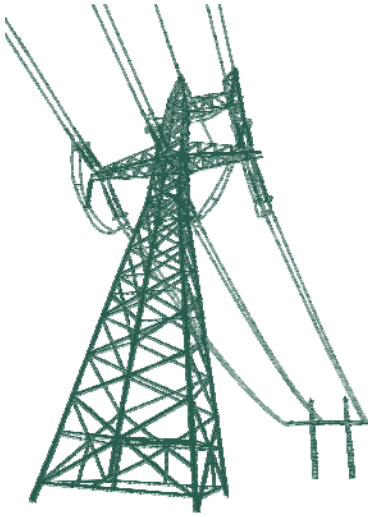
Table IV-3c: Proposed Retirements or Mothballing Effective After March 31, 2013

					CAPABILITY (MW)		
OWNER / OPERATOR	**STATION UNIT**	**ZONE**	**DATE**	**PTID**	**CRIS**	**SUMMER**	**WINTER**
NRG Power Marketing LLC	Astoria GT 05	J	TBD	24106	16.0	13.2	16.4
NRG Power Marketing LLC	Astoria GT 07	J	TBD	24107	15.5	12.3	14.7
NRG Power Marketing LLC	Astoria GT 08	J	TBD	24108	15.3	12.8	15.6
NRG Power Marketing LLC	Astoria GT 12	J	TBD	24226	22.7	15.7	23.5
NRG Power Marketing LLC	Astoria GT 13	J	TBD	24227	24.0	16.1	22.8
Cayuga Operating Company, LLC	Cayuga 1[3]	C	TBD	23584	154.1	151.6	152.8
Cayuga Operating Company, LLC	Cayuga 2[3]	C	TBD	23585	154.7	153.0	156.6
				Total	**402.3**	**374.7**	**402.4**

3. The unit is currently operating under a Reliability Support Services (RSS) agreement.

SECTION V:

PROPOSED SYSTEM RESOURCE CAPACITY
AS OF MARCH 31, 2013



Load and Capacity Schedule Description

This section provides a summary of NYCA load and capacity from 2012 through 2023. Table V-1 is a summary of the transactions external to NYCA, Table V-2a is a summary of the NYCA Load and Capacity Schedule for the Summer Capability Period, and Table V-2b is a summary of the NYCA Load and Capacity Schedule for the Winter Capability Period. Information for these Tables is obtained from Tables I-1, III-3 IV-1 through IV-3, and V-1. Table V-2 also reports the summer and winter capacity projections for Special Case Resources (SCRs). Please see the definitions on the following page for the entries reported in Table V-2.

The NYCA Resource Capability for the Summer 2013 Capability Period totals 39,483 MW. With the inclusion of Net Purchases and Sales, the total NYCA Resource Capability is 41,452 MW for the Summer 2013 Capability Period. Proposed additions, retirements and re-ratings that do not meet Base Case inclusion rules are reported in total as Proposed Resources Changes in Table V-2a.

Definitions of Labels on Load and Capacity Schedule

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

Table V-1: Summary of Transactions External to NYCA

SUMMER NET PURCHASES & SALES

MEGAWATT (1) (2)

2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
1969.0	2239.0	2239.0	2239.0	2239.0	2239.0	2239.0	2239.0	2239.0	2239.0	2239.0

WINTER NET PURCHASES & SALES

MEGAWATT (1) (2)

2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
1062.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6

(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 the NYCA than total Purchases into the NYCA.

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

			MEGAWATT											
	SUMMER CAPABILITY	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**Totals**
Fossil	Steam Turbine (Oil)	1654.1	809.6	809.6	809.6	809.6	809.6	809.6	809.6	809.6	809.6	809.6	809.6	
	Steam Turbine (Oil & Gas)	7637.4	8255.3	8255.3	8255.3	8255.3	8255.3	8255.3	8255.3	8255.3	8255.3	8255.3	8255.3	
	Steam Turbine (Gas)	1075.6	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	511.1	
	Steam Turbine (Coal)	2370.3	1547.5	1547.5	1547.5	1472.5	1472.5	1472.5	1472.5	1472.5	1472.5	1472.5	1472.5	
	Combined Cycle	8960.5	8991.3	8991.3	8991.3	8991.3	8991.3	8991.3	8991.3	8991.3	8991.3	8991.3	8991.3	
	Jet Engine (Oil)	515.0	510.3	510.3	510.3	510.3	510.3	510.3	510.3	510.3	510.3	510.3	510.3	
	Jet Engine (Gas & Oil)	162.9	655.1	655.1	655.1	655.1	655.1	655.1	655.1	655.1	655.1	655.1	655.1	
	Combustion Turbine (Oil)	1108.3	1159.3	1159.3	1159.3	1159.3	1159.3	1159.3	1159.3	1159.3	1159.3	1159.3	1159.3	
	Combustion Turbine (Oil & Gas)	1506.6	1534.7	1534.7	1534.7	1534.7	1534.7	1534.7	1534.7	1534.7	1534.7	1534.7	1534.7	
	Combustion Turbine (Gas)	1117.8	997.9	997.9	997.9	997.9	997.9	997.9	997.9	997.9	997.9	997.9	997.9	
	Internal Combustion	59.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
Pumped Storage	Pumped Storage Hydro	1406.9	1406.6	1406.6	1406.6	1406.6	1406.6	1406.6	1406.6	1406.6	1406.6	1406.6	1406.6	
Nuclear	Steam (PWR Nuclear)	2641.7	2650.2	2650.2	2650.2	2650.2	2650.2	2650.2	2650.2	2650.2	2650.2	2650.2	2650.2	
	Steam (BWR Nuclear)	2621.6	2760.6	2760.6	2760.6	2760.6	2760.6	2760.6	2760.6	2760.6	2760.6	2760.6	2760.6	
Renewable (5)	Conventional Hydro	4278.7	4275.8	4278.8	4278.8	4278.8	4278.8	4278.8	4278.8	4278.8	4278.8	4278.8	4278.8	
	Internal Combustion (Methane)	92.9	101.0	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.6	
	Steam Turbine (Wood)	39.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
	Steam Turbine (Refuse)	258.7	262.7	262.7	262.7	262.7	262.7	262.7	262.7	262.7	262.7	262.7	262.7	
	Wind (6)	1362.7	1366.8	1366.8	1461.2	1461.2	1461.2	1461.2	1461.2	1461.2	1461.2	1461.2	1461.2	
	Solar (8)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	
	EXISTING GENERATING FACILITIES	38902.0	37920.0	37924.6	38019.0	37944.0	37944.0	37944.0	37944.0	37944.0	37944.0	37944.0	37944.0	
	Special Case Resources - SCR (3)	2164.9	1558.3	1558.3	1558.3	1558.3	1558.3	1558.3	1558.3	1558.3	1558.3	1558.3	1558.3	
Changes (10)	Additions and Uprates	665.0	4.6	94.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**99.0**
	Net Change in Capacity	47.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**
	Scheduled Retirements (9)	-1694.0	0.0	0.0	-75.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**-75.0**
	NYCA RESOURCE CAPABILITY	40084.9	39482.9	39577.3	39502.3	39502.3	39502.3	39502.3	39502.3	39502.3	39502.3	39502.3	39502.3	
Contracts	Net Purchases and Sales (1) (7)	1951.0	1969.0	2239.0	2239.0	2239.0	2239.0	2239.0	2239.0	2239.0	2239.0	2239.0	2239.0	
	TOTAL RESOURCE CAPABILITY	42035.9	41451.9	41816.3	41741.3	41741.3	41741.3	41741.3	41741.3	41741.3	41741.3	41741.3	41741.3	
	BASE FORECAST													
	Peak Demand Forecast		33279.0	33725.0	34138.0	34556.0	34818.0	35103.0	35415.0	35745.0	36068.0	36355.0	36613.0	
	Expected Reserve		8172.9	8091.3	7603.3	7185.3	6923.3	6638.3	6326.3	5996.3	5673.3	5386.3	5128.3	
	Installed Capacity Reserve Margin % (4)		24.6	24.0	22.3	20.8	19.9	18.9	17.9	16.8	15.7	14.8	14.0	
	Proposed Resource Changes (2)		0.0	681.0	1234.6	3521.1	3553.2	3553.2	3553.2	3553.2	3553.2	3553.2	3553.2	
	Adjusted Resource Capability		41451.9	42497.3	42975.9	45262.4	45294.5	45294.5	45294.5	45294.5	45294.5	45294.5	45294.5	
	Adjusted Expected Reserve		8172.9	8772.3	8837.9	10706.4	10476.5	10191.5	9879.5	9549.5	9226.5	8939.5	8681.5	
	Adjusted Reserve Margin %		24.6	26.0	25.9	31.0	30.1	29.0	27.9	26.7	25.6	24.6	23.7	

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

		MEGAWATT											
	WINTER CAPABILITY	**2012/13**	**2013/14**	**2014/15**	**2015/16**	**2016/17**	**2017/18**	**2018/19**	**2019/20**	**2020/21**	**2021/22**	**2022/23**	**2023/24**	**Totals**
Fossil	Steam Turbine (Oil)	1657.8	835.1	835.1	835.1	835.1	835.1	835.1	835.1	835.1	835.1	835.1	835.1	
	Steam Turbine (Oil & Gas)	7711.3	8248.2	8248.2	8248.2	8248.2	8248.2	8248.2	8248.2	8248.2	8248.2	8248.2	8248.2	
	Steam Turbine (Gas)	1074.5	523.8	523.8	523.8	523.8	523.8	523.8	523.8	523.8	523.8	523.8	523.8	
	Steam Turbine (Coal)	2379.7	1565.4	1565.4	1565.4	1490.2	1490.2	1490.2	1490.2	1490.2	1490.2	1490.2	1490.2	
	Combined Cycle	10342.2	10239.3	10239.3	10239.3	10239.3	10239.3	10239.3	10239.3	10239.3	10239.3	10239.3	10239.3	
	Jet Engine (Oil)	637.1	632.2	632.2	632.2	632.2	632.2	632.2	632.2	632.2	632.2	632.2	632.2	
	Jet Engine (Gas & Oil)	201.5	710.6	710.6	710.6	710.6	710.6	710.6	710.6	710.6	710.6	710.6	710.6	
	Combustion Turbine (Oil)	1428.6	1406.3	1406.3	1406.3	1406.3	1406.3	1406.3	1406.3	1406.3	1406.3	1406.3	1406.3	
	Combustion Turbine (Oil & Gas)	1903.9	1893.5	1893.5	1893.5	1893.5	1893.5	1893.5	1893.5	1893.5	1893.5	1893.5	1893.5	
	Combustion Turbine (Gas)	1185.1	1105.7	1105.7	1105.7	1105.7	1105.7	1105.7	1105.7	1105.7	1105.7	1105.7	1105.7	
	Internal Combustion	61.4	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	
Pumped Storage	Pumped Storage Hydro	1406.1	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	1408.9	
Nuclear	Steam (PWR Nuclear)	2657.8	2657.7	2657.7	2657.7	2657.7	2657.7	2657.7	2657.7	2657.7	2657.7	2657.7	2657.7	
	Steam (BWR Nuclear)	2634.1	2773.1	2773.1	2773.1	2773.1	2773.1	2773.1	2773.1	2773.1	2773.1	2773.1	2773.1	
Renewable (5)	Conventional Hydro	4283.9	4283.2	4286.2	4286.2	4286.2	4286.2	4286.2	4286.2	4286.2	4286.2	4286.2	4286.2	
	Internal Combustion (Methane)	92.9	99.4	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	
	Steam Turbine (Wood)	38.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	
	Steam Turbine (Refuse)	257.3	263.5	263.5	263.5	263.5	263.5	263.5	263.5	263.5	263.5	263.5	263.5	
	Wind (6)	1362.7	1366.8	1461.2	1461.2	1461.2	1461.2	1461.2	1461.2	1461.2	1461.2	1461.2	1461.2	
	Solar (8)	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	
	EXISTING GENERATING FACILITIES	41347.4	40139.5	40238.5	40238.5	40163.3	40163.3	40163.3	40163.3	40163.3	40163.3	40163.3	40163.3	
	Special Case Resources - SCR (3)	1423.7	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	
Changes (10)	Additions and Uprates	680.0	99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**99.0**
	Net Change in Capacity	-177.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**
	Scheduled Retirements (9)	-1710.6	0.0	0.0	-75.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**-75.2**
	NYCA RESOURCE CAPABILITY	41563.2	41155.1	41155.1	41079.9	41079.9	41079.9	41079.9	41079.9	41079.9	41079.9	41079.9	41079.9	
Contracts	Net Purchases and Sales (1) (7)	1099.6	1062.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	
	TOTAL RESOURCE CAPABILITY	42662.8	42217.7	42537.7	42462.5	42462.5	42462.5	42462.5	42462.5	42462.5	42462.5	42462.5	42462.5	
	BASE FORECAST													
	Peak Demand Forecast		24709.0	24818.0	24906.0	25095.0	25148.0	25219.0	25270.0	25482.0	25587.0	25725.0	25808.0	
	Expected Reserve		17508.7	17719.7	17556.5	17367.5	17314.5	17243.5	17192.5	16980.5	16875.5	16737.5	16654.5	
	Installed Capacity Reserve Margin % (4)		70.9	71.4	70.5	69.2	68.9	68.4	68.0	66.6	66.0	65.1	64.5	

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

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

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

(4) - The current Installed Capacity Reserve Margin requirement for the 2013-2014 Capability Year is 17.0%.

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

(6) - Existing wind generators are listed at their full nameplate rating.

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

(8) - Existing solar generators are listed at their full nameplate rating.

(9) - Scheduled Retirements as shown in Table IV-3b. Existing Retirements in Table IV-3a-1 are accounted for in the list of 2013 Existing Generating Facilities.

(10) - Values for the year 2012 reflect the changes since the 2012 Gold Book was published.

SECTION VI:

EXISTING TRANSMISSION FACILITIES
AS OF MARCH 31, 2013

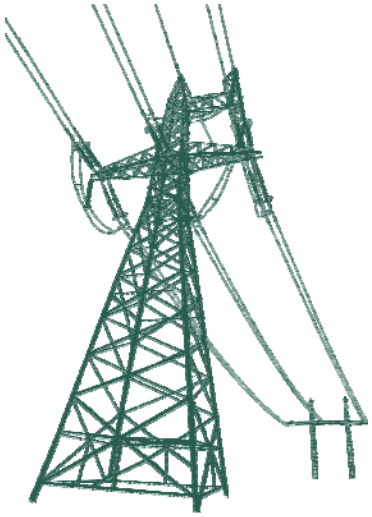


Table VI-1a: Existing Transmission Facilities – Central Hudson Gas & Electric Corporation

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Roseton	Hurley Avenue	*(c)*	345		3.93	1	2-1033.5 ACSR	2336	2866	B	2
		(c)			1.15	1	2-1033.5 ACSR	2336	2866	B	3
		(c)			20.44	1	2-1033.5 ACSR	2336	2866	B	1
		(c)			2.63	1	2-1033.5 ACSR	2336	2866	B	4
		(c)			1.63	1	2-1033.5 ACSR	2336	2866	D	1
					0.55	1	2-1033.5 ACSR	2336	2866	E	2
Hurley Avenue	Leeds	*(c)*	345		25.90	1	2-1033.5 ACSR	2336	2866	B	1
		(c)			1.28	1	2-1033.5 ACSR	2336	2866	B	2
		(c)			0.96	1	2-1033.5 ACSR	2336	2866	B	3
		(c)			0.48	1	2-1033.5 ACSR	2336	2866	D	3
Roseton	Rock Tavern		345		8.13	1	2-1033.5 ACSR	2336	2866	B	2
					9.03	1	2-1033.5 ACSR	2336	2866	B	3
Fishkill Plains	Todd Hill		115		5.23	1	397.5 ACSR	718	873	B	2
Todd Hill	Pleasant Valley		115		5.60	1	397.5 ACSR	718	873	B	2
Fishkill Plains	Sylvan Lake	*(c)*	115		5.92	1	1033.5 ACSR	1168	1284	B	1
Danskamer	North Chelsea	*(c)*	115	1.86	0.04	1	795 AAC	968	1082	B	1
					0.82	1	1250 CU	968	1082	A	1
					1.00	1	2-397.5 ACSR	968	1082	B	2
Danskamer	Marlboro		115		2.18	1	605 ACSR	937	1141	E	3
Marlboro	West Balmville	*(c)*	115		4.55	1	795 ACSR	624	732	B	1
Danskammer	NYBWS Tap	*(c)*	115		0.84	1	1250 CU	893	1005	A	1
NYBWS Tap	North Chelsea	*(c)*	115		0.94	1	2-397.5 ACSR	1172	1284	B	2
NYBWS Tap	NYBWS	*(c)*	115		0.35	1	336.4 ACSR	629	764	B	1
Danskammer	Reynolds Hill		115		2.18	1	795 ACSR	1065	1189	E	3
					8.30	1	795 ACSR	1065	1189	B	1
					0.70	1	2000 CU	1065	1189	A	2
Danskammer	Chadwick Lake		115		1.61	1	795 ACSR	884	1128	B	1
					1.99	1	795 ACSR	884	1128	B	2
					3.66	1	795 ACSR	884	1128	B	3
West Balmville	Chadwick Lake		115		4.00	1	795 AAC	877	1097	D	1
East Walden	Chadwick Lake		115		4.16	1	795 AAC	884	1128	D	2
North Chelsea	Forgebrook		115		3.05	1	795 AAC	884	1128	B	1
Forgebrook	Merritt Park		115		0.36	1	795 AAC	973	1218	E	2
					1.32	1	795 AAC	973	1218	B	1
Merritt Park	Wiccopee		115		2.82	1	795 AAC	973	1227	B	1
					0.02	1	1272 AAC	973	1227	B	1
Forgebrook	Tioronda		115		4.98	1	336.4 ACSR	629	764	B	1
					0.36	1	795 AAC	629	764	E	2
Fishkill Plains	East Fishkill		115		2.05	1	795 ACSR	995	1218	B	1
East Fishkill	Shenandoah		115		1.98	1	795 ACSR	995	1218	B	1
Lincoln Park	Hurley Avenue		115		2.03	1	1272 AA	995	1218	B	1
					2.54	1	795 ACSR	995	1218	B	2
East Walden	Rock Tavern		115		7.55	1	1033.5 ACSR	1168	1283	E	3
North Chelsea	Sand Dock		115		5.24	1	795 ACSR	1091	1283	B	1
					1.79	1	1272 AA	1091	1283	C	2
Sand Dock	Barnegat	*(c)*	115		0.03	1	795 ACSR	995	1218	D	1
Barnegat	Knapps Corners	*(c)*	115		1.75	1	795 ACSR	995	1196	C	2
					1.17	1	795 ACSR	995	1196	B	1

COLUMN HEADING FOOTNOTE:

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Rhinebeck	East Kingston		115		1.27	1	1500 CU	877	1097	A	1
			115		3.46	1	795 AAC	877	1097	B	1
East Kingston	Lincoln Park		115		2.04	1	795 AAC	973	1218	B	1
Wiccopee	Shenandoah		115		1.04	1	1272 AA	973	1218	B	1
			115		0.31	1	795 AAC	973	1218	B	1
Pleasant Valley	Manchester	*(c)*	115		4.58	1	795 ACSR	1019	1196	D	1
		(c)	115		0.84	1	795 ACSR	1019	1196	D	2
Spackenkill	Knapps Corners		115		2.36	1	795 ACSR	995	1196	B	1
Spackenkill	Manchester		115		2.64	1	795 ACSR	995	1196	B	1
Milan	Rhinebeck		115		6.77	1	795 AAC	877	1097	B	1
North Chelsea	Fishkill Plains		115		5.97	1	795 ACSR	1091	1330	B	1
Reynolds Hill	Highland		115		0.91	1	795 ACSR	995	1189	D	1
			115		0.58	1	2000 CU	995	1189	A	2
Highland	Ohioville		115		0.21	1	795 ACSR	648	846	D	1
			115		5.58	1	795 AAC	648	846	D	1
Ohioville	Hurley Avenue		115		7.13	1	795 ACSR	647	845	B	1
			115		0.82	1	795 ACSR	647	845	B	2
			115		4.63	1	795 ACSR	647	845	B	3
			115		2.39	1	795 ACSR	647	845	B	4
East Walden	Modena		115		5.66	1	1033.5 ACSR	1168	1433	E	1
Modena	Ohioville		115		7.51	1	1033.5 ACSR	1168	1433	E	1
Rock Tavern	Bethlehem Road		115		5.47	1	336.4 ACSR	629	764	B	2
Bethlehem Road	Union Avenue		115		3.67	1	336.4 ACSR	629	764	B	2
Rock Tavern	Union Avenue		115		9.14	1	795 ACSR	807	855	B	2
Rock Tavern	Sugarloaf		115		12.10	1	2-4/0 ACSR	888	897	E	1
Sugarloaf	N.J. State Line		115		10.31	1	4/0 ACSR	400	488	E	2
Sugarloaf	N.J. State Line		115		10.31	1	4/0 ACSR	400	488	E	2
Athens Tap(T-7)	North Catskill		115		2.23	1	605 ACSR	648	846	D	1
			115		0.68	1	605 ACSR	648	846	D	2
Athens Tap(2)	North Catskill		115		1.11	1	605 ACSR	584	708	D	1
			115		0.68	1	605 ACSR	584	708	D	2
Pleasant Valley	Inwood Avenue		115		4.94	1	795 AAC	877	1097	E	2
Inwood Avenue	Reynolds Hill		115		1.82	1	795 AAC	877	1097	E	2
East Walden	Coldenham		115		2.74	1	1033.5 ACSR	1168	1283	E	3
			115		2.12	1	1033.5 ACSR	1168	1283	B	2
Rock Tavern	Coldenham		115		4.79	1	1033.5 ACSR	1168	1283	E	3
			115		2.12	1	1033.5 ACSR	1168	1283	B	2
St. Pool	Rosendale Tap	*(1)*	69	115	2.08	1	795 ACSR	376	454	B	1
Rosendale Tap	High Falls	*(1)*	69	115	3.55	1	795 ACSR	1016	1245	B	1
High Falls	Kerhonkson	*(1)*	69	115	10.03	1	795 ACSR	376	454	B	1
Kerhonkson	Honk Falls	*(1)*	69	115	4.97	1	795 ACSR	275	337	B	2
Modena	Galeville	*(1)*	69	115	4.62	1	795 ACSR	342	414	B	1
Galeville	Kerhonkson	*(1)*	69	115	8.96	1	795 ACSR	342	414	B	1
Kerhonkson	Honk Falls	*(1)*	69	115	4.97	1	795 ACSR	275	337	B	2

Central Hudson Notes

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

(c) *Data change since the publication of the 2012 Load and Capacity Data report.*

COLUMN HEADING FOOTNOTE:

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

From	To	Note	Voltage Operating	Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Winter	Principal Structure	Ckts/ Common R.O.W.
Ramapo	PJM	*(c)*	500		5.30	1	2-2493 ACAR	1215	1405	D	1
Pleasant Valley	ISO-NE	*(c)*	345		17.80	1	2156 ACSR	1999	2260	D	1
Sprain Brook	Dunwoodie	*(3) (c)*	345		1.30	2	2-795 ACSR	4107	5018	E	2
							2-2493 ACAR				
Fresh Kills	Goethals	*(c)*	345		2.50	2	2-795 ACSR	1728	2263	E	2
		(c)					2-795 ACSR	1618	1789		
Ramapo	NY / NJ State Line	*(1)*	345		3.42	2	2-1590 ACSR	2160	2820	E	2
							2-1590 ACSR	3030	3210		
Buchannan South	Millwood West	*(c)*	345		9.50	2	2-1172 ACAR	2624	3242	F	5
		(c)					2-2493 ACAR	2624	3242		
Dunwoodie	Mott Haven	*(c)*	345		11.35	2	2000 CU	1315	1377	A	
							2500 CU				
Mott Haven	Rainey	*(c)*	345		4.39	2	2000 CU	1315	1377	A	
							2500 CU				
Dunwoodie	LIPA		345		10.16	1	2500 CU	1150	1270	A	
							3000 CU				
Rainey	Farragut	*(c)*	345		7.40	3	2000 CU	1210	1298	A	
		(c)					2500 CU	1210	1298		
		(c)					2500 CU	1285	1374		
Farragut	East 13th St.	*(c)*	345		1.98	4	2000 CU	1386	1438	A	
		(c)					2500 CU	1413	1461		
							2500 CU	666	999		
							2500 CU	1030	1286		
Sprain Brook	Tremont	*(c)*	345		9.40	1	2000 CU	865	1007	A	
							2500 CU				
Farragut	Gowanus	*(c)*	345		4.05	2	2000 CU	1171	1215	A	
							2500 CU				
Gowanus	Goethals	*(c)*	345		12.95	2	2000 CU	867	989	A	
							2500 CU				
Farragut	PJM	*(c)*	345		3.25	1	2000 CU	945	1078	A	
							2500 CU				
Farragut	PJM	*(c)*	345		3.36	1	2000 CU	945	1051	A	
							2500 CU				
Millwood West	Eastview	*(c)*	345		9.30	3	2-2493 ACAR	4045	4281	E	4
Sprain Brook	West 49th St.	*(c)*	345		17.51	2	2500 CU	1414	1485	A	
Ramapo	Buchanan North	*(1) (c)*	345		15.10	1	2-2493 ACAR	3000	3211	E	2
Ladentown	Buchanan South	*(1) (c)*	345		9.90	1	2-2493 ACAR	3000	3211	E	2
Ramapo	Ladentown	*(1) (c)*	345		5.20	1	2-2493 ACAR	3034	3211	E	2
West Haverstraw	Ladentown Switching	*(2)*	345		5.10	2	2-2493 ACAR	3030	3480	E	2
Rock Tavern	Ramapo		345		27.40	1	2-1590 ACSR	3030	3210	E	1
Buchanan North	Eastview	*(c)*	345		18.80	1	2-2493 ACAR	3034	3211	D	5

COLUMN HEADING FOOTNOTE:

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Winter	Principal Structure	Ckts/ Common R.O.W.
Pleasantville	Dunwoodie		345	17.20	2	2-2493 ACAR	3030	3480	E	2
Eastview	Sprain Brook		345	9.10	2	2-2493 ACAR	3030	3480	E	4
Eastview	Sprain Brook	*(c)*	345	9.10	2	2-2493 ACAR	4045	4281	E	4
		(c)				2-2493 ACAR	3030	3480		
West 49th St.	East 13th St.	*(c)*	345	4.25	2	2500 CU	1401	1435	A	
Pleasant Valley	Wood St		345	28.00	1	2-2385 ACSR	3030	3480	E	4
Wood St	Millwood West		345	12.40	1	2-2385 ACSR	3030	3480	E	4
Pleasant Valley	Millwood West		345	40.40	1	2-2385 ACSR	3030	3480	E	4
Pleasant Valley	East Fishkill		345	12.10	2	2-2385 ACSR	3030	3480	E	4
		(c)				2-2385 ACSR	3240	4243		
East Fishkill	Wood St	*(c)*	345	15.90	1	2-2385 ACSR	3240	4243	E	4
Wood St.	Pleasantville	*(4) (c)*	345	16.20	1	2-2385 ACSR	3126	3704	E	See Note
						2-2493 ACAR				
East Fishkill	Pleasantville	*(4) (c)*	345	32.10	1	2-2385 ACSR	3240	4243	E	See Note
						2-2493 ACAR				
Sprainbrook	Academy	*(6) (c)*	345	9.87	1	2000 CU	882	996	A	
Goethals	PJM	*(c)*	230	0.47	1	2-804 ACSR	1618	1818	D	1
						1-1590 ACSR				
Millwood West	Buchanan		138	9.50	2	1-1590 ACSR	1210	1280	F	5
Dunwoodie	Sprain Brook		138	1.30	2	2-795 ACSR	1454	1824	E	4
						1-2156 ACSR				
						1-2493 ACAR				
Dunwoodie South	East 179th St.	*(c)*	138	7.45	1	2500 CU	1035	1170	A	
Dunwoodie North	Sherman Creek		138	7.88	1	1500 CU	656	718	A	
		(c)	138	7.95	1	2500 CU	900	1038	A	
Sherman Creek	East 179th St.		138	2.04	2	1500 CU	750	855	A	
						2000 CU				
Greenwood	Gowanus		138	0.69	2	2000 CU	1050	1220	A	
						2500 CU				
Greenwood	Fox Hills		138	6.41	2	1500 CU	790	880	A	
						2000 CU				
Fox Hills	Fresh Kills	*(c)*	138	7.51	2	2000 CU	875	990	A	
						2500 CU				
Hudson Avenue East	Jamaica		138	11.12	2	1500 CU	710	815	A	
Hudson Avenue East	Farragut		138	0.28	3	2000 CU	510	605	A	
		(c)				2000 CU	622	749		
						2500 CU	790	940		
Bowline Point	Minisceongo	*(8) (c)*	138 0.7 (owned by GenOn)		2	2000 CU	995	1150	A	
East 179th St.	Parkchester		138	2.19	4	1250 CU	670	760	A	
						1500 CU				
						2500 CU				
East 179th St.	Hell Gate	*(c)*	138	4.26	3	1500 CU	715	825	A	
		(c)				2000 CU	715	825		
						2500 CU	1030	1165		
Hell Gate	Astoria		138	1.60	7	1500 CU	790	920	A	2
		(c)				2000 CU	750	855		
						2500 CU	780	900		
						2500 CU	825	940		
Astoria Annex	Astoria East	*(c)*	138	0.05	1	1-795 ACSR	1100	1337		
		(c)		0.06		2500 CU				

COLUMN HEADING FOOTNOTE:

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

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

From	To	Note	Voltage Operating	Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Winter	Principal Structure	Ckts/ Common R.O.W.
Astoria East	Corona		138		5.07	6	1500 CU	715	825	A	
							2000 CU				
Corona	Jamaica		138		4.55	2	1500 CU	710	825	A	
							2000 CU				
Jamaica	LIPA		138		5.62	2	900 CU	1160	1310	A	
Jamaica	LIPA	*(c)*	138		7.99	1	2500 CU	1050	1180	A	
Astoria West	Queensbridge		138		2.87	2	1500 CU	1430	1650	A	
							2000 CU				
			138		2.73	2	1500 CU	715	825	A	
							2000 CU				
Queensbridge	Vernon		138		0.59	1	2000 CU	1740	1970	A	
							1500 CU				
			138		0.92	1	2000 CU	1740	1970	A	
							1500 CU				
Vernon	Greenwood	*(c)*	138		9.58	2	1500 CU	785	825	A	
							2000 CU				
Vernon	West 49th Street	*(c)*	138		4.45	1	2000 CU	729	842	A	
							2500 CU				
Others:											
Linden Cogen	Goethals (G23L/M)	*(5)*	345	345	3.31	1	CU	1252	1252	A	
PJM (VFT)	Linden Cogen	*(5)*	345	345		1		599	599		
Indian Pt. #3	Buchanan South	*(7)*	345		0.50	1	2-1172 ACAR	2634	3000	E	2

Consolidated Edison Notes

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

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

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

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

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

(6) *In service as of February 24, 2011*

(7) *Circuit owned by Entergy*

(8) *Facilities owned by GenOn.*

(c) *Data change since the publication of the 2012 Load and Capacity Data report.*

COLUMN HEADING FOOTNOTE:

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Execution Rocks	Shore Road (Glenwood)		345	7.60	1	2500 CU	1040	1170	A	
Duffy Ave Convertor Station	Newbridge Rd 345kv	**(2)**	345	1.70	1	HDD 1600 mm2	1216	-	A	1
Newbridge	Ruland Road		138	7.93	2	795 ACSR	1099	1340	E	2
Queens / Nassau County Line	Valley Stream		138	2.49	1	1500 CU	1160	1310	A	
Ruland Road	Pilgrim	***(c)***	138	9.92	1	1272 SSAC	2080	2440	E	2
Ruland Road	Pilgrim		138	9.92	1	1272 SSAC	2370	2533	E	2
Holbrook	SuperCon		138	0.47	1	1192 ACSR	1399	1709	D	
			138	0.05	1	2300 AL	1851	2371	D	
SuperCon	Port Jefferson	***(c)***	138	8.33	1	1192 ACSR	1260	1500	D	
Holbrook	Port Jefferson	***(c)***	138	8.96	1	1192 ACSR	1260	1500	D	
Valley Stream	Barrett	***(c)***	138	4.36	1	1500 CU	915	1115	A	
Valley Stream	Barrett	***(c)***	138	4.28	1	1500 CU	915	1115	A	
Newbridge	E. Garden City	***(c)***	138	3.84	2	1500 CU	855	1042	A	
Barrett	Freeport	***(c)***	138	5.33	1	1500 CU	784	968	A	
Freeport	Newbridge	***(c)***	138	6.33	1	1500 CU	784	968	A	
Valley Stream	E. Garden City	***(c)***	138	6.83	1	1500 CU	884	1078	A	
Northport	Pilgrim	***(c)***	138	7.80	2	2-1500 CU	1800	2020	A	2
Northport	Elwood		138	3.64	2	2-2000 CU	1548	1856	A	2
Newbridge	Locust Grove	***(c)***	138	3.18	1	2-2000 CU	1580	1962	A	
			138	1.80	1	2300 AL	1851	2371	D	
Locust Grove	Syosset		138	3.26	1	2300 AL	1851	2371	D	1
Northport	NY/CT State Border		138	5.57	1	3/C 800mm^2 CU	648	648	A	
Northport	NY/CT State Border		138	5.57	1	3/C 800mm^2 CU	648	648	A	
Northport	NY/CT State Border		138	5.57	1	3/C 800mm^2 CU	648	648	A	
Carle Place	E. Garden City		138	1.49	1	795 ACSR	1099	1340	E	
Roslyn	E. Garden City		138	2.71	1	795 ACSR	1099	1340	E	
			138	1.35	1	1192 AL	1243	1580	E	
			138	0.63	1	2500 CU	1588	1642	A	
Glenwood	Carle Place		138	6.87	1	1192 AL	1243	1580	E	
			138	0.63	1	2500 CU	1588	1642	A	
Glenwood	Roslyn		138	4.20	1	1192 AL	1243	1580	E	
Elwood	Greenlawn		138	1.91	1	2300 AL	1851	2371	D	2
			138	0.87	1	2-3000 AL	1734	2146	A	
Greenlawn	Syosset		138	3.54	1	2300 A	1851	2371	D	2
			138	2.56	1	2500 CU	1147	1356	A	
Elwood	Oakwood		138	4.41	1	2300 AL	1851	2371	D	2
			138	0.87	1	2-3000 AL	1734	2146	A	
Oakwood	Syosset		138	1.04	1	2300 AL	1851	2371	D	2
			138	2.56	1	2500 CU	1147	1356	A	
Holbrook	Sills Rd		138	7.81	1	2-1750 AL	3124	3996	E	
			138	0.11	1	2300 AL	1851	2371	D	
			138	0.09	1	2493 ACSR	2087	2565	D	
Sills Rd	Brookhaven	***(c)***	138	5.00	1	2-1590ACSR	2080	2440	E	
			138	0.28	1	2493 ACSR	2087	2565	D	
Hauppauge	Central Islip		138	3.26	1	1192 ACSR	1399	1709	D	1,2
			138	2.46	1	3500 AL	910	1043	A	
Hauppauge	Pilgrim		138	2.02	1	1192 ACSR	1343	1531	D	1

COLUMN HEADING FOOTNOTE:

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Holbrook	Ronkonkoma		138		1.86	1	2-1192 ACSR	2798	3418	D	
Holbrook	Ronkonkoma	*(c)*	138		0.04	1	2493ACAR	2087	2500	D	
Ronkonkoma	Central Islip		138		2.65	1	2493ACAR	2087	2565	D	
			138		0.90	1	2-1192ACSR OH	2798	3418	D	
			138		0.73	1	3500 AL	1640	2062	A	
Northport	Pilgrim	*(c)*	138		7.80	1	1500 CU	900	1010	A	1
Shore Road	Lake Success	*(c)*	138		8.72	2	3500 AL	916	1138	A	
Queens / Nassau County Line	Lake Success		138		0.10	1	1500 CU	1050	1180	A	
Holbrook	Miller Place		138		7.54	1	2493 ACAR	2087	2565	E	
			138		4.73	1	2300 AL	1851	2371	E	
Miller Place	Shoreham	*(c)*	138		8.41	1	2300 AL	1851	2140	E	
Riverhead	Canal	*(c)*	138		16.40	1	2368 KCMIL (1200 mm²)	1000	1137	A	1
Shoreham	Wildwood		138		1.00	1	2300 AL	1851	2371	D	
Wildwood	Riverhead		138		10.40	1	1192 AL	1243	1580	E	
Holbrook	North Shore Beach		138		7.54	1	1192 ACSR	1399	1709	E	
			138		8.92	1	2300 AL	1851	2371	E	
North Shore Beach	Wading River		138		0.23	1	2493 ACAR	2087	2565	E	
			138		3.52	1	2300 AL	1851	2371	E	
Wading River	Shoreham	*(c)*	138		0.46	1	2300 AL	1851	2140	E	
			138		0.22	1	2493 ACAR	2087	2565	E	
Shoreham	Wildwood	*(c)*	138		1.00	1	2300 AL	1851	2140	D	1
Wildwood	Brookhaven	*(c)*	138		6.30	1	2301 AL	1851	2140	D	
Ruland Road	Sterling		138		5.96	1	3500 AL	857	1078	A	
Holbrook	Ruland		138	345	21.60	1	2-1590 ACSR	3324	4078	E	2,4
		(c)	138		0.29	1	2493 ACAR	2087	2500	E	
Newbridge	Bagatelle	**(1)**	138		3.93	1	2500 CU parallel with	1626	2007	A	
			138		4.12	1	2493 ACAR	2087	2565	D	
		(c)	138		2.65	1	2-1590 ACSR	3324	4078	D	
Bagatelle	Pilgrim	*(c)*	138		7.20	1	2-1590 ACSR	2080	2440	E	
Brookhaven	Edwards Ave		138		6.50	1	2-1590 ACSR	3324	4078	E	
			138		0.10	1	1272 SSAC	2370	2533	E	
			138		0.73	1	2000 mm^2 Cu	1313	1313	A	
Edwards Ave	Riverhead		138		2.72	1	795 ACSR	1099	1340	E	
			138		0.11	1	1192 AL	1243	1580	E	
			138		0.76	1	2000 mm^2 CU	1313	1313	A	
West Bus	Pilgrim	*(c)*	138		11.70	1	2-1590 ACSR	3324	4078	E	2
		(c)	138		0.16	1	2493 ACAR	2080	2440	E	
West Bus	Holtsville GT	*(c)*	138		0.17	1	2-1750AL	2080	2440	E	
E.Garden City	Newbridge		138	345	3.84	1	2500 CU	921	1117	A	3
West Bus	Sills Rd	*(c)*	138		0.47	1	2-1750 AL	3124	3996	E	
			138		9.00	1	2-1590 ACSR	3324	4078	E	
		(c)	138		0.22	1	2493 ACAR	2020	2140	E	
West Bus	Holtsville GT	*(c)*	138		0.15	1	2-1750AL	3120	3660	E	
Sills Rd	Brookhaven	*(c)*	138		0.20	1	2493ACAR	1664	1952	E	
			138		4.85	1	2-1750AL	3124	3996	E	
			138		0.15	1	2300AL	1851	2371	E	
			138		0.05	1	2000 mm2 Cu	3423	3915	A	
Holbrook	West Bus	*(c)*	138		0.32	1	2-1750 AL	3120	3660	E	2
Newbridge	E. Garden City		138	345	4.00	1	2000 mm^2 CU	1204	1204	A	4
Newbridge	Ruland		138	345	9.10	1	2000 mm^2 CU	1193	1193	A	3

COLUMN HEADING FOOTNOTE:

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Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

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

Long Island Power Authority Notes

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

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

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

(c) *Data change since the publication of the 2012 Load and Capacity Data report.*

COLUMN HEADING FOOTNOTE:

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

Table VI-1d: Existing Transmission Facilities – New York Power Authority

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Massena	Intnl Boundary		765		21.04	1	4-1351.5 ACSR	3000	3000	D	1
Massena	Marcy		765		133.85	1	4-1351.5 ACSR	3000	3000	D	1
Sprain Brook	East Garden City		345		26.60	1	2500 CU	1184	1289	A	1
						1	3950 CU				
Astoria Unit #6	East 13th St		345		7.00	2	2500 CU	900	1000	A	2
Blenheim-Gilboa	Fraser		345		33.62	1	2-954 ACSR	2389	2924	D	1
						1	3410 ACAR				
						1	2-1033.5 ACSR				
Marcy	Coopers Corners		345		134.90	1	2-1431 ACSR	2250	2250	E/D	2
Edic	Fraser		345		76.30	1	2-1431 ACSR	3072	3768	E	2
Blenheim-Gilboa	Leeds		345	765	36.90	1	2-1351.5 ACSR	2389	2949	D	1
						1	3410 ACAR				
Blenheim-Gilboa	New Scotland		345		31.82	1	2-954 ACSR	2389	2924	D	1
						1	3410 ACAR				
Coopers Corners	Rock Tavern		345		46.10	1	2-1431 ACSR	3072	3768	E	2
Coopers Corners	Middletown Tap		345		32.30	1	2-1431 ACSR	3072	3768	E	2
Middletown Tap	Rock Tavern		345		13.80	1	2-1431 ACSR	3072	3768	E	2
Edic	Marcy		345		1.53	1	3-1351.5 ACSR	2806	3210	D	1
Fitzpatrick	Edic		345		68.30	1	2-1113 ACSR	2400	2400	D	1
Fitzpatrick	Scriba		345		0.93	1	2-1113 ACSR	2400	2400	D	1
Niagara	Intnl Boundary		345		0.84	2	2-2500 CU	1791	1975	A	2
					0.16	2	932.7 ACSR			E	
Niagara	Rochester		345		70.20	1	2-795 ACSR	2178	2662	D	2
Niagara	Dysinger Tap		345		26.20	1	2-795 ACSR	2178	2662	D	2
Dysinger Tap	Rochester		345		44.00	1	2-795 ACSR	2178	2662	D	2
Rochester	Pannell		345		17.00	2	2-795 ACSR	2178	2662	D	2
Roseton	East Fishkill		345		7.40	1	2-2156 ACSR	3992	4400	D	1
					0.90	1	2500 CU			A	
Pannell	Clay		345		61.60	2	2-795 ACSR	2178	2662	D	2
Clay	Edic		345		50.10	2	2-795 ACSR	2178	2662	D	2
Niagara	Intnl Boundary	***(1)***	230		3.90	1	1158.4 ACSR	1212	1284	E	Note (1)
Moses-St.Lawrence	Intnl Boundary		230		2.14	2	795 ACSR	952	1163	E	4
						2	636 ACSR				
Moses-St.Lawrence	Adirondack		230		8.19	2	795 ACSR			E	10
					77.27	2	500 CU	873	1121	B	2
					0.43	2	795 ACSR			D	2
Moses-St.Lawrence	Willis		230		37.11	2	795 ACSR	876	1121	B	2
Willis	Ryan		230		6.460	1	795 ACSR	996	1200	B	2
Ryan	Plattsburgh		230		27.24	1	795 ACSR	624	722	B	2
Willis	Patnode	***(c)***	230		9.11	1	795 ACSR	996	1200	B	2
Patnode	Duley	***(c)***	230		15.27	1	795 ACSR	996	1200	B	2
Duley	Plattsburgh		230		9.32	1	795 ACSR	624	722	B	3
Massena	Moses-St.Lawrence		230		8.17	2	2-1351.5 ACSR	2349	2702	E	2
Reynolds Tap	General Motors		115		0.97	2	795 ACSR	201	231	C	2
Moses-St.Lawrence	Reynolds		115		4.34	3	795 ACSR	728	728	B	3
Moses-St.Lawrence	Alcoa	***(2)***	115		7.09	1	954 ACSR	1093	1284	C	1
Moses-St.Lawrence	Alcoa	***(2)***	115		7.09	2	954 ACSR	1093	1400	C	1

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

New York Power Authority Notes

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

(2) *Circuits owned by Alcoa*

(c) *Data change since the publication of the 2012 Load and Capacity Data report.*

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C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

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

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

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C - Wood Structure Double Circuit; D - Steel Structure Single Circuit;
E - Steel Structure Double Circuit ; F - Steel Structure Quadruple Circuit;

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

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

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

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

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

NYSEG Notes

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

(2) *NYSEG part only*

(c) *Data change since the publication of the 2012 Load and Capacity Data report.*

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

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

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Homer City	Stolle Road	*(1), (2)*	345	37.47	1	2-1192.5 ACSR	2296	2986	B	3,1
Beck	Packard	*(2)*	230	4.12	1	1158.4 ACSR	1398	1708	E	4
					1	1192.5 ACSR				
Dunkirk	So. Ripley		230	31.34	1	1192.5 ACSR	1212	1284	B	1
Elm St.	Gardenville		230	6.16	1	750 CU	560	560	A	2
					1	1500 CU				
Elm St.	Gardenville		230	6.13	1	750 CU	560	560	A	2
					1	500 CU				
Gardenville	Dunkirk		230	47.40	1	1192.5 ACSR	1398	1600	B	2
Gardenville	Dunkirk		230	47.07	1	1192.5 ACSR	1269	1589	B	2
Huntley	Elm		230	7.90	1	2500 AL	1085	1085	A	1
Huntley	Gardenville	*(c)*	230	20.08	1	1192.5 ACSR	1421	1737	E	8
Huntley	Gardenville		230	20.13	1	1192.5 ACSR	1421	1737	E	8
Niagara	Packard		230	3.39	1	1431 ACSR	1573	1926	E	12
Niagara	Packard		230	3.44	1	1431 ACSR	1573	1926	E	12
Packard	Huntley		230	12.17	1	1192.5 ACSR	1398	1709	E	4
					1	1158.4 ACSR				
Packard	Huntley		230	12.03	1	1192.5 ACSR	1398	1709	E	4
					1	1158.4 ACSR				
So. Ripley	Erie,East	*(1)*	230	0.15	1	1192.5 ACSR	1260	1500	B	1
Batavia	S.E. Batavia		115	3.06	1	795 ACSR	1105	1200	B	1
Mountain	Lockport	*(1)*	115	17.57	1	400 CU	847	1000	E	2
					1	636 AL				
					1	636 ACSR				
					1	795 ACSR				
					1	795 AL				
Dunkirk	Falconer		115	53.67	1	795 ACSR	884	1118	B	1,2
					1	1192.5 ACSR				
Dunkirk	Falconer		115	34.02	1	4/0 ACSR	444	538	E	2
					1	795 ACSR				
					1	636 AL				
Dunkirk	Falconer		115	34.07	1	4/0 ACSR	444	538	E	2
					1	795 ACSR				
					1	636 AL				
Dupont	Packard		115	4.45	1	795 ACSR	973	1234	E	2
					1	795 AL				
Dupont	Packard		115	4.45	1	795 AL	973	1234	E	2
					1	795 ACSR				
Dupont	Packard		115	3.43	1	795 ACSR	847	1072	E	2
					1	795 AL				
					1	636 AL				
					1	1431 AL				
Dupont	Packard		115	3.37	1	795 ACSR	847	1072	E	2
					1	795 AL				
					1	636 AL				
					1	1431 AL				

COLUMN HEADING FOOTNOTE:

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

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

COLUMN HEADING FOOTNOTE:

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

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

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

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

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

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Lockport	Mortimer		115	55.79	1	250 CU	648	650	D	3
			115		1	428 AL				
			115		1	636 AL				
			115		1	795 ACSR				
			115	0.38	1	1250 CU			A	
Lockport	Mortimer		115	55.34	1	397.5 ACSR	650	650	E	3
					1	795 ACSR				
				0.38	1	1250 CU			A	
Lockport	Mortimer		115	55.53	1	795 ACSR	648	650	E	3
					1	397.5 ACSR				
				0.38	1	1250 CU			A	
Mortimer	Golah		115	9.58	1	250 CU	657	797	B	1
					1	397.5 ACSR				
					1	795 ACSR				
Mortimer	Pannell	*(1)*	115	15.71	1	336.4 ACSR	649	788	E	5
					1	795 ACSR				
Mortimer	Pannell	*(1)*	115	15.72	1	336.4 ACSR	629	764	E	5
					1	795 ACSR				
Mortimer	Quaker	*(1)*	115	17.26	1	300 CU	731	887	F	5
					1	556.5 AL				
						795 AL				
					1	795 ACSR				
Mountain	Lockport		115	17.53	1	400 CU	847	1000	E	4
					1	636 AL				
					1	636 ACSR				
					1	795 AL				
					1	795 ACSR				
Mountain	Niagara	*(1)*	115	1.02	1	1431 AL	884	1128	E	5
Mountain	Niagara	*(1)*	115	1.16	1	795 AL	884	1128	E	5
					1	1431 AL				
Mountain	Niagara	*(1)*	115	1.08	1	795 AL	884	1128	E	5
					1	1431 AL				
Niagara	Gardenville	*(1)*	115	31.56	1	350 CU	806	978	E	1
					1	636 AL				
					1	400 CU				
					1	500 CU				
					1	636 ACSR				
					1	795 ACSR				
					1	2-400 CU				
					1	2-500 CU				
					1	2-795 AL				
					1	1431 AL				
Niagara	Gibson	*(1)*	115	1.66	1	1431 AL	648	846	E	12
Niagara	Gibson	*(1)*	115	1.65	1	1431 AL	648	846	E	12

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Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

From	To	Note	Voltage Operating Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Niagara	Lockport	***(1)***	115	18.34	1	1431 AL	1172	1434	E	12
					1	2-636 AL				
Niagara	Lockport	***(1)***	115	18.25	1	1431 AL	1172	1434	E	12
					1	2-636 AL				
Niagara	Packard	***(1)***	115	3.62	1	1431 AL	1383	1761	E	12
					1	1431 AL				
Niagara	Packard	***(1)***	115	3.37	1	1431 AL	1383	1761	E	12
Niagara	Packard	***(1)***	115	3.67	1	1431 AL	1383	1761	E	12
Niagara	Packard	***(1)***	115	3.67	1	1431 AL	1383	1761	E	12
Niagara	Packard	***(1)***	115	3.43	1	1431 AL	1383	1699	E	12
Packard	Gardenville		115	28.32	1	400 CU	648	846	E	4
					1	500 CU				
					1	636 AL				
					1	636 ACSR				
					1	795 ACSR				
Packard	Huntley		115	19.62	1	636 ACSS	847	1063	E	4
					1	636 AL				
Packard	Urban(Erie St)	***(1)***	115	22.09	1	400 CU	806	978	E	4
					1	350 CU				
					1	500 CU				
					1	636 AL				
					1	636 ACSR				
					1	795 ACSR				
Packard	Walck Rd.			10.07	1	636 ACSS	1200	1200	E	4
					1	596 ACCR				
					1	611 ACCC				
Packard	Union Carbide		115	1.53	1	795 ACSR	973	1222	E	2
					1	795 AL				
					1	500 CU				
Packard	Union Carbide		115	1.53	1	795 ACSR	973	1222	E	2
					1	795 AL				
					1	500 CU				
Pannell	Geneva	***(1)***	115	25.11	1	2-336.4 ACSR	785	955	E	4
					1	795 ACSR				
					1	477 ACSR				
Quaker	Sleight Road	***(1)***	115	13.85	1	556.5 AL	776	982	B	1
					1	795 ACSR				
S.E. Batavia	Golah		115	27.74	1	397.5 ACSR	648	846	G	1
					1	795 ACSR				
Walck Rd.	Huntley		115	9.78	1	636 AL	847	1063	E	4
					1	636 ACSS				

National Grid (Western) Notes

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

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

(c) *Data change since the publication of the 2012 Load and Capacity Data report*

COLUMN HEADING FOOTNOTE:

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

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

COLUMN HEADING FOOTNOTE:

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

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

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

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Boonville	Rome		115		24.06	1	4/0 CU	532	646	E	2
Boonville	Rome		115		26.21	1	4/0 CU	532	646	E	2
Browns Falls	Newton Falls Paper		115		3.87	1	336.4 ACSR	516	600	B	1
Browns Falls	Taylorville		115		26.77	1	4/0 CU	516	654	E	2
Browns Falls	Taylorville		115		26.79	1	4/0 CU	532	646	E	2
Carr St.	Dewitt		115		3.06	1	636 ACSR	939	1144	B	1
						1	795 ACSR				
Cedars	Dennison	*(1) (c)*	115		0.02	1	795 ACSR	646	784	E	2
Cedars	Dennison	*(1) (c)*	115		0.03	1	795 ACSR	646	784	E	2
Clay	Dewitt		115		19.21	1	795 ACSR	584	708	B	2
						1	4/0 CU				
Clay	Dewitt		115	345	14.78	1	2167 ACSR	973	1234	E	2
			115		0.68	1	795 ACSR			B	
Clay	Lockheed Martin		115		6.52	1	4/0 CU	584	708	E	2
						1	477 ACSR				
						1	795 ACSR				
Clay	Teall		115		15.52	1	4/0 CU	584	708	B	2
						1	795 ACSR				
Clay	Teall		115		11.34	1	795 ACSR	1048	1200	B	2
Clay	Woodward		115		6.38	1	795 ACSR	878	1145	B	2
Coffeen	Black River		115		7.66	1	336.4 ACSR	600	600	B	1
Coffeen	Lighthouse Hill-Black River		115		45.15	1	795 ACSR	584	600	B	1
						1	4/0 CU				
Coffeen	West Adams		115		14.11	1	795 ACSR	400	400	B	1
Colton	Battle Hill		115		32.02	1	3/0 ACSR	385	467	E	2
						1	336.4 ACSR				
Colton	Browns Falls		115		30.48	1	336.4 ACSR	516	654	E	2
Colton	Browns Falls		115		30.63	1	336.4 ACSR	516	654	E	2
Colton	Malone	*(1)*	115		18.37	1	336.4 ACSR	646	784	B	1
						1	477 ACSR				
Colton	Townline		115		16.29	1	397.5 ACSR	600	600	B	1
Corning	Battle Hill		115		26.43	1	336.4 ACSR	385	467	E	2
Cortland	Clarks Corners	*(1)*	115		7.93	1	336.4 ACSR	646	784	B	2
						1	1192.5 ACSR				
Curtis St.	Teall		115		29.44	1	636 ACSR	939	1144	B	2
						1	795 ACSR				
Dennison	Colton		115		28.49	1	795 ACSR	916	1118	E	2
Dennison	Colton		115		28.49	1	795 ACSR	916	1118	E	2
Dewitt	Tilden		115		7.92	1	636 ACSR	916	1118	B	1
						1	795 ACSR				
						1	2-1192.5 ACSR				
Edic	Porter		115		0.46	1	2-1351 ACSR	2286	2634	B	2
Edic	Porter		115		0.40	1	2-1351 ACSR	2538	3028	B	2

COLUMN HEADING FOOTNOTE:

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

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

COLUMN HEADING FOOTNOTE:

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Lockheed Martin	Geres Lock		115		8.69	1	4/0 CU	584	708	E	3
						1	795 ACSR				
						1	336.4 ACSR				
						1	477 ACSR				
Malone	Lake Colby		115		43.70	1	795 ACSR	648	846	B	1
Mcintyre	Colton		115		31.38	1	3/0 ACSR	385	467	E	2
						1	336.4 ACSR				
						1	795 ACSR				
Mcintyre	Corning		115		11.22	1	336.4 ACSR	646	784	E	2
Mortimer	Hook Rd		115		21.16	1	300 CU	648	846	E	4
						1	795 ACSR				
Mortimer	Elbridge		115		71.99	1	477 ACSR	648	836	E	4
						1	300 CU				
						1	428 AL				
						1	556.5 AL				
						1	795 ACSR				
Nine Mile Pt.#1	Fitzpatrick	***(1)***	115		0.62	1	795 ACSR	1105	1347	D	
North Carthage	Taylorville		115		14.09	1	4/0 CU	532	646	E	2
						1	795 AL				
North Gouverneur	Battle Hill		115		4.91	1	795 ACSR	385	467	B	1
						1	3/0 ACSR				
North Ogdensburg	Mcintyre		115		5.48	1	795 ACSR	800	800	B	1
O.E.F.	North Ogdensburg		115		0.86	1	795 ACSR	973	1234	B	1
Ogdensburg	Mcintyre		115		2.45	1	336.4 ACSR	320	320	B	2
Oneida	Fenner		115		11.07	1	795 ACSR	734	800	B	1
Oneida	Oneida Energy		115		2.55	1	795 ACSR	573	698	B	1
Oneida	Porter	***(c)***	115		21.13	1	4/0 CU	423	583	E	2
Oneida	Yahnandasis		115		17.90	1	4/0 CU	532	646	E	2
						1	336.4 ACSR				
Oswego	South Oswego		115		1.45	1	2250 AL	1050	1050	A	2
Oswego	South Oswego		115		1.45	1	2250 AL	1050	1050	A	2
Oswego	South Oswego		115		1.45	1	2-1192 ACSR	2009	2400	E	4
						1	2167 ACSR				
Peat	Dewitt		115		4.17	1	1192.5 ACSR	1334	1600	E	2
Porter	Deerfield		115		0.73	1	4/0 CU	532	640	E	2
Porter	Deerfield		115		0.74	1	4/0 CU	584	640	E	2
Porter	Schuyler		115		6.63	1	795 ACSR	648	846	B	3
Porter	Terminal		115		4.11	1	795 ACSR	1005	1200	B	1
Porter	Valley		115		17.51	1	4/0 CU	584	708	E	2
						1	336.4 ACSR				

COLUMN HEADING FOOTNOTE:

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Porter	Watkins Rd.		115		11.58	1	4/0 CU	584	708	E,B	2
						1	795 ACSR				
Rome	Oneida		115		12.47	1	2-4/0 CU	648	846	E	1
						1	795 ACSR				
Sleight Road	Auburn(State St.)	*(1)*	115		28.24	1	556.5 AL	629	764	B	1
						1	300 CU				
						1	336.4 ACSR				
						1	795 ACSR				
South Oswego	Curtis St.		115		12.21	1	636 ACSR	939	1000	B	2
						1	795 ACSR				
South Oswego	Clay	*(c)*	115		34.27	1	336.4 ACSR	526	646	B	1
						1	4/0 CU				
						1	795 ACSR				
South Oswego	Geres Lock		115		31.54	1	636 ACSR	715	887	B	2
						1	300 CU				
						1	477 ACSR				
						1	795 ACSR				
South Oswego	Indeck(Oswego)	*(c)*	115		4.28	1	4/0 CU	584	708	E	2
						1	336.4 ACSR				
						1	795 ACSR				
South Oswego	Nine Mile Pt #1		115		10.30	1	4/0 CU	584	708	E	2
						1	336.4 ACSR				
						1	795 ACSR				
S.U.N.Y.(Cortland)	Cortland		115		5.87	1	795 ACSR	573	698	B	1
Taylorville	Boonville		115		33.38	1	4/0 CU	516	646	E	2
						1	336.4 ACSR				
Taylorville	Boonville		115		33.91	1	4/0 CU	532	646	E	2
						1	336.4 ACSR				
Taylorville	Moshier		115		10.99	1	4/0 CU	250	250	E	1
						1	3/0 ACSR				
						1	336.4 ACSR				
						1	2-4/0 CU				
Teall	Carr St.		115		3.63	1	636 ACSR	939	1144	B	1
						1	795 ACSR				
Teall	Dewitt		115		8.77	1	795 ACSR	584	708	B	2
						1	336.4 ACSR				
						1	4/0 CU				
Teall	Oneida		115		28.85	1	4/0 CU	584	708	E	2
Teall	Oneida		115		28.89	1	4/0 CU	584	708	E	2
Temple	Dewitt		115		2.49	1	1500 CU	600	732	A	1
			115		4.17	1	1192.5 ACSR			B	
Terminal	Schuyler		115		4.70	1	477 ACSR	584	708	B	1
						1	4/0 CU				
						1	336.4 ACSR				
						1	1192.5 ACSR				

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

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

National Grid (Central) Notes

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

(c) *Data change since the publication of the 2012 Load and Capacity Data report*

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Alps	Berkshire	*(1)*	345		8.79	1	2-1192.5 ACSR	2796	3200	D	1
Athens	Pleasant Valley	*(1)*	345		39.39	1	2-795 ACSR	2228	2718	D	6,4
Edic	New Scotland		345		83.52	1	2-795 ACSR	2228	2718	D	2
Leeds	Hurley Ave	*(1)*	345		0.18	1	2-1033.5 ACSR	2560	3126	D	1
Leeds	Athens		345		0.49	1	2-795 ACSR	2228	2718	D	6,4
Leeds	Pleasant Valley	*(1)*	345		39.34	1	2-795 ACSR	2228	2718	D	6,4
Marcy	New Scotland		345	765	82.92	1	4-1351.5 ACSR	2796	3210	D	2
			345		0.29	1	2-1192.5 ACSR				2
			345		1.36	1	2-1351.5 ACSR				2
New Scotland	Alps		345	765	12.44	1	3-1590 ACSR	2015	2140	B	1
			345		18.13	1	2-1192.5 ACSR			B	
New Scotland	Leeds		345		25.74	1	2-795 ACSR	2228	2568	D	4,2
New Scotland	Leeds		345		25.87	1	2-795 ACSR	2228	2568	D	4,2
Reynolds Rd.	Alps		345		11.08	1	2-1192.5 ACSR	2080	2440	D	1
Porter	Rotterdam		230		71.80	1	795 ACSR	1105	1284	B	2
						1	1431 ACSR				
Porter	Rotterdam		230		71.96	1	795 ACSR	1105	1284	B	2
						1	1431 ACSR				
Rotterdam	Bear Swamp	*(1)*	230		43.64	1	795 ACSR	1105	1284	B	1,2
						1	1033.5 ACSR				
Albany Steam	Greenbush		115		3.07	1	605 ACSR	937	1141	E	2
Albany Steam	Greenbush		115		3.07	1	605 ACSR	937	1141	E	2
Altamont	New Scotland		115		8.48	1	4/0 CU	584	708	E	2
						1	795 ACSR				
						1	336.4 ACSR				
Arsenal	Reynolds Rd.		115		6.47	1	336.4 ACSR	646	784	E	2
						1	795 ACSR				
						1	795 AWAC				
Battenkill	North Troy		115		22.39	1	605 ACSR	916	1118	E	2
						1	795 ACSR				
Bethlehem	Albany Steam		115		2.80	1	2-605 ACSR	1654	1952	E	4,2
						1	2-795 ACSR				
CESTM	Mckownville		115		0.98	1	1192.5 ACSR	1296	1692	D	2
Churchtown	Pleasant Valley	*(1)*	115		32.22	1	605 ACSR	806	978	E	6,4
						1	350 CU				
Clinton	Marshville		115		1.60	1	336.4 ACSR	629	764	B	2
Costal Tech	Greenbush		115		4.56	1	795 ACSR	1105	1347	B	2
						1	1192.5 ACSR				
Curry Road	Wolf Road		115		7.30	1	4/0 CU	584	708	E	2
						1	336.4 ACSR				
Feura Bush	North Catskill	*(1)*	115		22.99	1	4/0 CU	584	708	E	5
						1	336.4 ACSR				
						1	795 ACSR				
Firehouse Rd.	N. Troy	*(c)*	115		8.06	1	336.4 ACSR	646	784	B	1
						1	795 ACSR				

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Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

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

COLUMN HEADING FOOTNOTE:

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

COLUMN HEADING FOOTNOTE:

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

From	To	Note	Voltage Operating	Voltage Design	Length in Miles	# of Ckts	Type of Conductor	Thermal Ratings Summer	Thermal Ratings Winter	Principal Structure	Ckts/ Common R.O.W.
Rotterdam	Curry Road		115		7.10	1	4/0 CU	584	708	E	4,2
						1	336.4 ACSR				
						1	795 ACSR				
Rotterdam	Front Street		115		3.62	1	795 ACSR	1105	1347	B	2
Rotterdam	G.E.	***(1)***	115		2.46	1	2/0 CU	436	527	E	
						1	4/0 CU				
						1	336.4 ACSR				
Rotterdam	G.E.	***(1)***	115		2.56	1	2/0 CU	436	527	E	
						1	4/0 CU				
						1	336.4 ACSR				
							605 ACSR				
Rotterdam	New Scotland		115	230	18.08	1	1033.5 ACSR	1212	1284	B	
						1	1192.5 ACSR				
Rotterdam	New Scotland		115		16.93	1	4/0 CU	532	646	E	2
						1	795 ACSR				
Rotterdam	Woodlawn		115		10.60	1	4/0 CU	584	708	E	2
Schodack	Churchtown	***(1)***	115		26.74	1	605 ACSR	937	1141	E	2
Spier	Butler		115		5.71	1	4/0 CU	532	646	E	4
						1	795 ACSR				
Spier	Mohican		115		9.42	1	795 ACSR	584	708	E	2
						1	4/0 CU				
Spier	Queensburry		115		9.15	1	4/0 CU	532	646	B	2
						1	636 ACSR				
Spier	Queensburry		115		9.49	1	4/0 CU	584	708	B	4,2
						1	636 ACSR				
Spier	Rotterdam		115		32.71	1	4/0 CU	584	708	E	2
						1	397.5 SSAC				
Spier	Luther Forest		115		33.11	1	4/0 CU	584	708	E	1
					1.10	1	2500 CU			A	
						1	795 ACSR				
						1	336.4 ACSR				
Rotterdam	Luther Forest		115		22.36	1	795 ACSR	990	1070	E	1
					1.10	1	2500 CU			A	
						1	397.5 SSAC				
Spier	West		115		14.08	1	4/0 CU	532	646	B	1
						1	336.4 ACSR				
St. Johnsville	Marshville		115		9.88	1	795 ACSR	800	800	E	2
						1	2-2/0 CU				
State Campus	Menands		115		4.77	1	4/0 CU	584	708	E	2
						1	795 ACSR				
					0.23	1	1500 CU			A	
Stoner	Rotterdam		115		23.12	1	336.4 ACSR	584	708	E	2
						1	4/0 CU				

COLUMN HEADING FOOTNOTE:

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

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

National Grid (Eastern) Notes

(1) Denotes NGRID mileage to franchise line only

(c) *Data change since the publication of the 2012 Load and Capacity Data report*

COLUMN HEADING FOOTNOTE:

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

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

Orange & Rockland Notes

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

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

(3) *Facilities owned by GenOn.*

(c) *Data change since the publication of the 2012 Load and Capacity Data report.*

COLUMN HEADING FOOTNOTE:

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

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

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

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

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

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

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

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

Rochester Gas and Electric Corporation Notes

(c) *Data change since the publication of the 2012 Load and Capacity Data report.*

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

Thermal Ratings : *Normal ratings given in amperes.*

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

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

Table VI-2: Mileage of Existing Transmission Facilities

TABULATION OF CIRCUIT MILES OF EXISTING FACILITIES

As of March 15 2013

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	228.7	3.4	0.0	0.0		0.0	0.0	72.3	0.0		0.0	0.0			
CONSOLIDATED EDISON	0.0	0.0	21.7	203.0	**(a)**	0.5	0.0	406.2 **(b) (i)**	178.5	**(h)**	5.3	0.0			
LONG ISLAND POWER AUTHORITY	0.0	0.0	244.6	161.7	**(e)**	0.0	0.0	0.0	9.3	**(g)**	0.0	0.0	24.0	66.0	**(g)**
NEW YORK POWER AUTHORITY	52.1 **(f)**	1.6	0.0	0.0		337.9	0.0	882.0	43.2		0.0	154.9			
NEW YORK STATE ELECTRIC & GAS CORP.	1463.3	7.5	0.0	0.0		233.3	0.0	550.1	0.0		0.0	0.0			
NATIONAL GRID	4054.1	25.2	0.0	0.0		498.1	20.2	686.3	0.4		0.0	0.0			
ORANGE AND ROCKLAND UTILITIES INC.	0.0	0.0	87.5	2.3	**(a)**	0.0	0.0	47.2 **(b)**	3.4	**(d)**	0.0	0.0			
ROCHESTER GAS AND ELECTRIC CORPORATION	248.0	28.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0			
TOTALS BY kV CLASS (c)	**6046.1**	**65.7**	**353.8**	**367.1**		**1069.8**	**20.2**	**2597.0**	**234.8**		**5.3**	**154.9**	**24.0**	**66.0**	

TOTAL OVERHEAD	=	10,226.8	(c)
TOTAL UNDERGROUND	=	777.8	(c)
TOTAL	=	11,004.5	(c)

Notes:

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

SECTION VII:

PROPOSED TRANSMISSION FACILITY ADDITIONS
AS OF MARCH 31, 2013

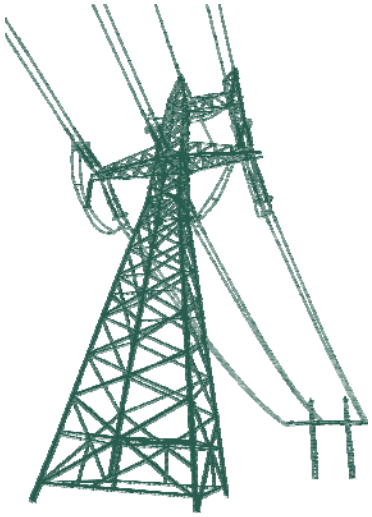

Table VII-1: Proposed Transmission Facilities

Merchant Queue Position / Project Notes	Transmission Owner	Terminals		Line Length in Miles (1)	Expected In-Service Date/Yr Prior to (2)	Year (3)	Nominal Voltage in kV Operating	Design	# of ckts	Thermal Ratings (4) Summer	Winter	Project Description / Conductor Size	Class Year / Type of Construction
	Merchant												
206	Hudson Transmission Partners	Hudson Transmission Convertor Stn	West 49th Street 345kV	7.6	S	2013	345	345	1	660 MW	660 MW	Back- to- back AC/DC/AC converter, 345 kV AC cable	2008
305	Transmission Developers Inc.	Hertel 735 kV (Quebec)	Astoria Annex 345kV	333	S	2017	320	320		1000 MW	1000 MW	-/+ 320 kV Bipolar HVDC cable	2012
	Firm Plans(5) (included in FERC 715 Base Case)												
	CHGE	E. Fishkill	E. Fishkill	xfmr #2	I/S	2012	345/115	345/115	1	439 MVA	558 MVA	Transformer #2 (Standby)	
	CHGE	North Catskill	North Catskill	Cap Bank	I/S	2012	115	115	1	12 MVAR	12 MVAR	Capacitor Bank (DOE)	-
6	CHGE	Pleasant Valley	Todd Hill	5.53	W	2015	115	115	1	1280	1563	Rebuild line with 1033 ACSR	OH
6	CHGE	Todd Hill	Fishkill Plains	5.23	W	2015	115	115	1	1280	1563	Rebuild line with 1033 ACSR	OH
	CHGE	Hurley Ave	Saugerties	11.11	S	2018	115	115	1	1114	1359	1-795 ACSR	OH
	CHGE	Saugerties	North Catskill	12.25	S	2018	115	115	1	1114	1359	1-795 ACSR	OH
12	CHGE	St. Pool	High Falls	5.63	S	2020	115	115	1	1114	1359	1-795 ACSR	OH
12	CHGE	High Falls	Kerhonkson	10.03	S	2020	115	115	1	1114	1359	1-795 ACSR	OH
12	CHGE	Kerhonkson	Honk Falls	4.68	S	2020	115	115	2	1114	1359	1-795 ACSR	OH
12	CHGE	Modena	Galeville	4.62	S	2020	115	115	1	1114	1359	1-795 ACSR	OH
12	CHGE	Galeville	Kerhonkson	8.96	S	2020	115	115	1	1114	1359	1-795 ACSR	OH
6	CHGE	Fishkill Plains	East Fishkill	2.05	W	2020	115	115	1	1454	1777	1-1272 ACSR	OH
	ConEd	Rainey	Corona	xfmr/Phase shifter	S	2018	345/138	345/138	1	263 MVA	320 MVA	xfmr/Phase shifter	UG
9	ConEd	Vernon	Vernon	Phase Shifter	S	2013	138	138	1	300 MVA	300 MVA	Phase Shifter	-
14	ConEd	Goethals	Goethals	Reconfiguration	S	2014	345	345		-	-	Reconfiguration	-
7	LIPA	Shoreham	Brookhaven	-7.30	S	2013	138	138	1	1851	2373	2300AL	OH
7	LIPA	Shoreham	Wildwood	1.00	S	2013	138	138	1	1851	2373	2300AL	OH
7	LIPA	Wildwood	Brookhaven	6.30	S	2013	138	138	1	1851	2373	2300AL	OH
7	LIPA	Holbrook	Holtsville GT	-0.32	S	2013	138	138	1	3124	3996	2-1750 AL	OH
7	LIPA	Holbrook	West Bus	0.20	S	2013	138	138	1	3124	3996	2-1750 AL	OH
7	LIPA	West Bus	Holtsville GT	0.12	S	2013	138	138	1	3124	3996	2-1750 AL	OH
7	LIPA	Sill Rd	Holtsville GT	-9.47	S	2013	138	138	1	3124	3996	2-1750 AL	OH
7	LIPA	Sill Rd	West Bus	9.35	S	2013	138	138	1	3124	3996	2-1750 AL	OH
7	LIPA	West Bus	Holtsville GT	0.12	S	2013	138	138	1	3124	3996	2-1750 AL	OH
7	LIPA	Pilgrim	Holtsville GT	-11.86	S	2013	138	138	1	2087	2565	2493 ACAR	OH
7	LIPA	Pilgrim	West Bus	11.74	S	2013	138	138	1	2087	2565	2493 ACAR	OH
10	LIPA	Riverhead	Wildwood	10.63	S	2016	138	138	1	1399	1709	1192ACSR	OH
	LIPA	Riverhead	Canal	16.40	S	2016	138	138	1	846	973	2368 KCMIL (1200 mm²) Copper XLPE	UG
13	LIPA	Holtsville DRSS	West Bus	N/A	S	2014	138	138	-	150 MVAR	150 MVAR	Dynamic Reactive Support System (DRSS)	
13	LIPA	Randall Ave	Wildwood	N/A	S	2014	138	138	-	150 MVAR	150 MVAR	Dynamic Reactive Support System (DRSS)	
11	NYPA	Moses	Willis	-37.11	W	2013	230	230	2	876	1121	795 ACSR	OH
11	NYPA	Moses	Willis	37.11	W	2013	230	230	1	876	1121	795 ACSR	OH
11	NYPA	Moses	Willis	37.11	W	2013	230	230	1	876	1121	795 ACSR	OH
	NYPA	Moses	Moses	Cap Bank	W	2014	115	115	2	100 MVAR	100 MVAR	Cap Bank Installation to Replace Moses Synchronous Condensers	-
	NYPA	Niagara	Niagara	GSU	S	2013	230	230	4	135 MVA	135MVA	Replacement of Lewiston Pump Generating Plant GSUs	-
	NYPA	Niagara	Rochester	-70.20	W	2016	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Niagara	Station 255 (New Station)	66.40	W	2016	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Station 255 (New Station)	Rochester	3.80	W	2016	345	345	1	2177	2662	2-795 ACSR	OH
	NYPA	Dysinger Tap	Rochester	-44.00	W	2016	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Dysinger Tap	Station 255 (New Station)	40.20	W	2016	345	345	1	2177	2662	2-795 ACSR	OH
7	NYPA	Station 255 (New Station)	Rochester	3.80	W	2016	345	345	1	2177	2662	2-795 ACSR	OH
11	NYSEG	Oakdale	Fraser	56.90	I/S	2012	345	345	1	2100	2309	2-1033.5 ACSR	OH
11	NYSEG	Oakdale	Clarks Corners	21.15	I/S	2012	345	345	1	2020	2140	2-1280.5 ACAR	OH
	NYSEG	Meyer	Meyer	Cap Bank	W	2013	115	115	1	18 MVAR	18 MVAR	Capacitor Bank Installation	-
8	NYSEG	Wood Street	Carmel	1.34	W	2015	115	115	1	775	945	477 ACSR	OH
8	NYSEG	Wood Street	Katonah	11.70	W	2014	115	115	1	775	945	477 ACSR	OH
	NYSEG	Ashley Road	Ashley Road	Cap Bank	W	2013	115	115	1	150 MVAR	150 MVAR	Capacitor Bank (DOE)	-
	NYSEG	Big Tree	Big Tree	Cap Bank	W	2013	115	115	1	50 MVAR	50 MVAR	Capacitor Bank (DOE)	-
	NYSEG	Amawalk	Amawalk	Cap Bank	W	2013	115	115	1	50 MVAR	50 MVAR	Capacitor Bank (DOE)	-
	NYSEG	Mountaindale	Mountaindale	Cap Bank	S	2013	115	115	1	50 MVAR	50 MVAR	Capacitor Bank (DOE)	-

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

Merchant Queue Position / Project Notes	Transmission Owner	Terminals		Line Length miles (1)	Expected In-Service Date/Yr Prior to (2)	Year (3)	Nominal Voltage in kV Operating	Design	# of ckts	Thermal Ratings (4) Summer	Winter	Project Description / Conductor Size	Class Year / Type of Construction
	Firm Plans (5) (included in FERC 715 Base Case)												
	NYSEG	Morgan Road	Morgan Road	Cap Bank	S	2013	115	115	1	60 MVAR	60 MVAR	Capacitor Bank (DOE)	-
	NYSEG	Ridge Rd.	Ridge Rd.	Cap Bank	S	2013	115	115	1	60 MVAR	60 MVAR	Capacitor Bank (DOE)	-
	NYSEG	Wethersfield	Meyer	-31.50	S	2015	230	230	1	1080	1310	795 ACSR	OH
7	NYSEG	Wethersfield	South Perry	11.50	S	2015	230	230	1	1080	1310	795 ACSR	OH
7	NYSEG	South Perry	Meyer	20.00	S	2015	230	230	1	1080	1310	795 ACSR	OH
	NYSEG	South Perry	South Perry	xfmr	S	2015	230/115	230/115	1	225 MVA	240 MVA	Transformer	
	NYSEG	Watercure Road	Watercure Road	xfmr	W	2015	345/230	345/230	1	426 MVA	494 MVA	Transformer	
	NYSEG	Klinekill Tap	Klinekill	<10	W	2017	115	115	1	>=124 MVA	>=150 MVA	477 ACSR	OH
	NYSEG	Coopers Corners	Coopers Corners	Shunt Reactor	W	2014	345	345	1	200 MVAR	200 MVAR	Shunt Reactor Installation	-
	NYSEG	Elbridge	State Street	14.50	W	2016	115	115	1	250 MVA	305 MVA	1033 ACSR	OH
	NYSEG	Wood Street	Wood Street	xfmr	S	2016	345/115	345/115	1	280 MVA	300 MVA	Transformer	
	NYSEG	Coopers Corners	Coopers Corners	xfmr	S	2016	345/115	345/115	1	200 MVA	220 MVA	Transformer	
	NYSEG	Fraser	Fraser	xfmr	S	2016	345/115	345/115	1	280 MVA	300 MVA	Transformer	
	NYSEG	Gardenville	Gardenville	xfmr	S	2017	230/115	230/115	1	200 MVA	225 MVA	Transformer	
	NGRID/NYSEG	Homer City	Stolle Road	-204.11	S	2015	345	345	1	1013	1200	New Five Mile substation	OH
7	NGRID/NYSEG	Homer City	Five Mile Rd (New Station)	151.11	S	2015	345	345	1	1013	1200	New Five Mile substation	OH
7	NGRID/NYSEG	Five Mile Rd (New Station)	Stolle Road	53.00	S	2015	345	345	1	1013	1200	New Five Mile substation	OH
	NGRID	Gardenville	Homer Hill	-65.69	S	2015	115	115	2	584	708	New Five Mile substation	OH
7	NGRID	Gardenville	Five Mile Rd (New Station)	58.30	S	2015	115	115	2	TBD	TBD	New Five Mile substation	OH
	NGRID	Five Mile Rd (New Station)	Five Mile Rd (New Station)	xfmr	S	2015	345/115	345/115	-	TBD	TBD	New Five Mile substation	-
7	NGRID	Five Mile Rd (New Station)	Homer Hill	8.00	S	2015	115	115	2	TBD	TBD	New Five Mile substation	OH
	NGRID	Rome	Rome	-	W	2014	115	115	-	-	-	Station Rebuild	-
	NGRID	Clay	Clay	xfmr	S	2015	345/115	345/115	1	TBD	TBD	Replace Transformer	-
	NGRID	Spier	Rotterdam	32.70	S	2015	115	115	1	TBD	TBD	New/Separate Circuit w/Twin-795 ACSR south end	OH
	NGRID	Rotterdam	Bear Swamp	-43.64	S	2015	230	230	1	1105	1284	795 ACSR	OH
7	NGRID	Rotterdam	Eastover Road (New Station)	23.20	S	2015	230	230	1	TBD	TBD	Rotterdam-Bear Swamp #E205 Loop (0.8 miles new)	OH
7	NGRID	Eastover Road (New Station)	Bear Swamp	49.00	S	2015	230	230	1	TBD	TBD	Rotterdam-Bear Swamp #E205 Loop (0.8 miles new)	OH
	NGRID	Eastover Road (New Station)	Eastover Road (New Station)	xfmr	S	2015	230/115	230/115	1	TBD	TBD	Transformer	-
	NGRID	Luther Forest	North Troy	-14.14	S	2015	115	115	1	937	1141	1033.5 ACSR	
7	NGRID	Luther Forest	Eastover Road (New Station)	16.70	S	2015	115	115	1	TBD	TBD	Luther Forest-North Troy Loop (0.5 miles new)	OH
7	NGRID	Eastover Road (New Station)	North Troy	2.20	S	2015	115	115	1	TBD	TBD	Luther Forest-North Troy Loop (0.5 miles new)	OH
	NGRID	Battenkill	North Troy	-22.39	S	2015	115	115	1	916	1118	605 ACSR	
7	NGRID	Battenkill	Eastover Road (New Station)	20.70	S	2015	115	115	1	TBD	TBD	Battenkill-North Troy Loop (0.5 miles new)	
7	NGRID	Eastover Road (New Station)	North Troy	2.20	S	2015	115	115	1	TBD	TBD	Battenkill-North Troy Loop (0.5 miles new)	
	NGRID	Clay	Clay	-	W	2013	115	115	-	-	-	Rebuild 115kV Station	-
	NGRID	Porter	Porter	-	W	2014	115	115	-	-	-	Rebuild 115kV Station	-
	NGRID	Clay	Teall	12.75	W	2016	115	115	1	TBD	TBD	Reconductor 4/0 CU to 795ACSR	OH
	O & R	Ramapo	Sugarloaf	16.00	S	2014	138	345	1	1089	1298	2-1590 ACSR	OH
	O & R	Harriman	-	Cap Bank	I/S	2012	69	69	1	16 MVAR	16 MVAR	Capacitor Bank (DOE)	-
	O & R	Snake Hill	-	Cap Bank	I/S	2012	138	138	1	32 MVAR	32 MVAR	Capacitor Bank (DOE)	-
	O & R	Bowline	Bowline	-	I/S	2012	345	345	1	-	-	By-pass switch	OH
	O & R	New Hempstead	-	Cap Bank	S	2014	138	138	1	32 MVAR	32 MVAR	Capacitor bank	-
	O & R	Hartley	-	Cap Bank	S	2014	69	69	1	32 MVAR	32 MVAR	Capacitor bank	-
	O & R	Summit (PJM)	-	Cap Bank	W	2014	69	69	1	32 MVAR	32 MVAR	Capacitor bank	-
	O & R	Little Tor	-	Cap Bank	S	2015	138	138	1	32 MVAR	32 MVAR	Capacitor bank	-
	O & R	O&R's Line 26	Sterling Forest	xfmr	S	2015	138/69	138/69	1	175 MVA	175 MVA	Transformer	
	O & R	Burns	Corporate Drive	4.00	W	2015	138	138	1	1604	1723	795 ACSS	OH
	O & R	North Rockland (New Station)	Lovett	xfmr	S	2018	345/138	345/138	1	400 MVA	400 MVA	Transformer	-

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

Merchant Queue Position / Project Notes	Transmission Owner	Terminals		Line Length miles (1)	Expected In-Service Date/Yr Prior to (2)	Year (3)	Nominal Voltage in kV Operating	Design	# of ckts	Thermal Ratings (4) Summer	Winter	Project Description / Conductor Size	Class Year / Type of Construction
	Firm Plans (5) (included in FERC 715 Base Case)												
	O & R/ConEd	Ramapo	Buchanan	-15.1	S	2018	345	345	1	3000	3211	2-2493 ACAR	OH
7	O & R/ConEd	Ramapo	North Rockland (New Station)	12	S	2018	345	345	1	3000	3211	2-2493 ACAR	OH
7	O & R/ConEd	North Rockland (New Station)	Buchanan	4	S	2018	345	345	1	3000	3211	2-2493 ACAR	OH
	O & R	Sugarloaf	Shoemaker	7.00	W	2019	69	138	2	1062	1141	397 ACSS	OH
	O & R	Ramapo	Ramapo	-	S	2013	345	345	1	-	-	New Independent Relay System	-
	O & R	Tappan	Tappan	-	S	2014	69	69	1	-	-	Three-way switch station	OH
	O & R	West Nyack	Harings Corner (RECO)	7.00	W	2019	69	138	1	1604	1723	795 ACSS	OH
	RGE	Station 180	Station 180	Cap Bank	W	2013	115	115	1	10 MVAR	10 MVAR	Capacitor Bank Installation	-
	RGE	Station 128	Station 128	Cap Bank	W	2013	115	115	1	20 MVAR	20 MVAR	Capacitor Bank Installation	-
	RGE	Station 42	Station 124	Phase Shifter	S	2014	115	115	1	230 MVA	230 MVA	Phase Shifter	
	RGE	Station 67	Station 418	3.50	W	2014	115	115	1	245 MVA	299 MVA	New 115kV Line	OH
	RGE	Station 121	Station 121	Cap Bank	S	2013	115	115	1	75 MVAR	75 MVAR	Capacitor Bank (DOE)	-
	RGE	Station 124	Station 124	Phase Shifter	S	2013	115	115	2	230 MVA	230 MVA	Phase Shifter	
	RGE	Station 124	Station 124	SVC	W	2013	115	115	1	200 MVAR	200 MVAR	SVC	
	RGE	Station 255 (New Station)	Rochester	3.80	W	2015	345	345	1	2177	2662	2-795 ACSR	OH
	RGE	Station 255 (New Station)	Station 255 (New Station)	xfmr	W	2016	345/115	345/115	2	400 MVA	TBD	Transformer	
	RGE	Station 255 (New Station)	Station 418	9.60	W	2015	115	115	1	300 MVA	TBD	New 115kV Line	OH
	RGE	Station 255 (New Station)	Station 23	11.10	W	2015	115	115	1	300 MVA	TBD	New 115kV Line	OH+UG

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

Merchant Queue Position / Project Notes	Transmission Owner	Terminals		Line Length miles (1)	Expected In-Service Date/Yr Prior to (2)	Year (3)	Nominal Voltage in kV Operating	Design	# of ckts	Thermal Ratings (4) Summer	Winter	Project Description / Conductor Size	Class Year / Type of Construction
	Non-Firm Plans (not included in 2013 Base Cases)												
	CHGE	E. Fishkill	Merrit Park	3.32	S	2019	115	115	1	1280	1563	1-1033 ACSR	OH
	CHGE	Pleasant Valley	Knapps Corners	17.70	W	2020	115	115	1	1114	1359	1-795 ACSR	OH
	ConEd	Rock Tavern	Sugarloaf	13.70	S	2016	345	345	1	TBD	TBD	2-1590 ACSR	OH
	ConEd	Goethals	Gowanus	12.95	S	2016	345	345	2	TBD	TBD	Additional Cooling	UG
	ConEd	Gowanus	Farragut	4.05	S	2016	345	345	2	TBD	TBD	Additional Cooling	UG
	ConEd	Goethals	Linden Co-Gen	1.50	S	2016	345	345	1	TBD	TBD	Feeder Seperation or Parallel Feeder Addition	UG
7	LIPA	Pilgrim	West Bus	-11.74	S	2015	138	138	1	2087	2565	2493 ACAR	OH
7	LIPA	West Bus	Kings Hwy	5.74	S	2015	138	138	1	2087	2565	2493 ACAR	OH
7	LIPA	Pilgrim	Kings Hwy	6.00	S	2015	138	138	1	2087	2565	2493 ACAR	OH
	LIPA	Northport	Pilgrim	8.45	S	2017	138	138	1	825	1010	2000 mm2 CU	UG
10, 14	LIPA	Pilgrim	Sagtikos	4.56	S	2017	138	138	1	2343	2506	2493 ACAR Terminate at Sagtikos	OH
14	LIPA	Sagtikos	West Bus	12.40	S	2017	138	138	1	TBD	TBD	TDB	OH/UG
14	LIPA	Sagtikos	Pilgrim	Phase Shifter	S	2017	138	138	1	450 MVA	450 MVA	Phase Shifter	-
14	LIPA	Ruland	Holbrook	Phase Shifter	S	2017	138	138	1	450 MVA	450 MVA	Phase Shifter	-
14	LIPA	Ruland	West Bus	22.40	S	2017	138	138	1	TBD	TBD	TBD	UG
14	LIPA	Valley Stream	East Garden City	7.00	S	2017	138	138	1	TBD	TBD	TBD	TBD
14	LIPA	Newbridge	Bellmore	5.00	S	2017	138	138	1	TBD	TBD	TBD	UG
14	LIPA	Bellmore	Bellmore	Phase Shifter	S	2017	138	138	1	450 MVA	450 MVA	Phase Shifter	-
14	LIPA	Bellmore	Bellmore	Substation	S	2017	138	138	-	-	-	Substation	-
14	LIPA	Sagtikos	Sagtikos	Substation	S	2017	138	138	-	-	-	Substation	-
14, 15	LIPA	East Garden City	Newbridge	3.84	S	2017	138	138	1	1204	1204	2500 MCM	UG
14, 15	LIPA	East Garden City	Newbridge	3.90	S	2017	138	138	1	1204	1204	2000 mm2 CU	UG
6,14	LIPA	Holbrook	Sills Road	8.12	S	2017	138	138	1	2087	2565	2493 ACAR	OH
6,14	LIPA	Bethpage	Pilgrim	7.07	S	2017	138	138	1	3324	4078	2-1590ACSR	UG
	NYPA	Marcy/Edic	Fraser/Coopers Corners	Series Comp	S	2016	345	345	3	TBD	TBD	Installation of Series Compensation on UCC2-41 and FE-1 & FCC33	-
	NYPA	Massena	Massena	Auto-Transformer	W	2014	765	765	2	TBD	TBD	Replacement of Two Massena 765/230 kV Auto-Transformers	-
	NYPA	Moses	Moses	GSU	W	2017	230&115	230&115	4	TBD	TBD	Replacement of St. Lawrence Hydro Unit GSUs	-
	NYPA	Gilboa	Gilboa	GSU	W	2014	345	345	1	TBD	TBD	Replacement of Blenheim-Gilboa GSU #2	-
	NYSEG	Elbridge	State Street	14.50	W	2017	115	115	1	250 MVA	305 MVA	Reconductor 336.4 ACSR to 1194 KCM	OH
	NGRID	Greenbush	Hudson	-26.43	S	2015	115	115	1	648	800	605 ACSR, 350 CU	OH
7	NGRID	Greenbush	Klinekill Tap	20.30	S	2015	115	115	1	648	800	605 ACSR, 350 CU	OH
7	NGRID	Klinekill Tap	Hudson	6.13	S	2015	115	115	1	648	800	605 ACSR, 350 CU	OH
6	NGRID	Mohican	Battenkill	14.2	S	2015	115	115	1	TBD	TBD	Replace 14.2 miles of conductor w/min 1033.5 ACSR	OH
	NGRID	Dunkirk	Dunkirk	Cap Bank	S	2014	115	115	1	67 MVAR	67 MVAR	Capacitor Bank 2 - 33.3 MVAR	-
	NGRID	Huntley	Huntley	Cap Bank	S	2015	115	115	1	75 MVAR	75 MVAR	second Capacitor Bank	-
	NGRID	Niagara	Packard	3.40	S	2015	115	115	1	TBD	TBD	115 kV line Replacement	-
	NGRID	Gardenville	Erie	0.30	S	2015	115	115	1	TBD	TBD	115 kV line Reconductoring	-
	NGRID	Falconer	Warren	19.40	S	2016	115	115	1	TBD	TBD	115 kV line Replacement	OH
6	NGRID	Luther Forest	Rotterdam	5.10	S	2017	115	115	1	TBD	TBD	Replace 5.1 miles of conductor w/min 1033.5 ACSR (Blstn TP)	OH
6	NGRID	Luther Forest	Eastover Road (New Station)	6.20	S	2017	115	115	1	TBD	TBD	Replace 6.2 miles of conductor w/min 1033.5 ACSR (#3)	OH
	NGRID	Clay	Dewitt	10.24	W	2016	115	115	1	TBD	TBD	Reconductor 4/0 CU to 795ACSR	OH
	NGRID	West Golah (new station)	West Golah (new station)	New Station	S	2016	115	115	-	-	-	New 115 kV Ring Bus connecting lines 3119 and #906	-
	NGRID	Gardenville 230 kV	Gardenville 115 kV	xfmr	S	2017	230/115	230/115	-	-	-	Replacement of two 230/115 kV stepdown with larger units	-
	NGRID	Gardenville 115 kV	Gardenville 115 kV	-	S	2017	-	-	-	-	-	Rebuild of Gardenville 115 kV station to full breaker and a half	-
6	NGRID	Mohican	Butler	3.50	S	2019	115	115	1	TBD	TBD	Replace 3.5 miles of conductor w/min 336.4 ACSR	OH
	NGRID	Edic 345 kV	Edic 345 kV	Reconfiguration	S	2016	345	345	1	-	-	Create new bay by adding 2 new 345 kV breakers, reconnect transformer	-
	NGRID	Clay 345 kV	Clay 115 kV	xfrm	S	2014	345/115	345/115	1	-	-	Upgrade TR1 to 448MVA	
	NGRID	Clay	GE	6	W	2015	115	115	1	TBD	TBD	795ACSR	OH
	O & R	Pomona	West Haverstraw	5.00	W	2018	138	138	1	940	940	2500 kCM AL	UG
	O & R	Pomona	West Haverstraw	5.00	S	2022	138	138	1	940	940	2500 kCM AL	UG
	O & R	Sugarloaf	Ramapo	17.00	S	2022	138	345	1	1604	1723	795 ACSS	OH
	O & R	Sugarloaf	Sugarloaf	xfmr	S	2016	345/138	345/138	1	400 MVA	400 MVA	Transformer - ConED Project to replace Line 28	-
	O & R	South Mahwah (RECO)	Upper Saddle River (RECO)	4.00	W	2015	69	138	1	1604	1723	795 ACSS	OH
	O & R	South Mahwah (RECO)	Upper Saddle River (RECO)	1.00	W	2015	69	138	1	TBD	TBD	UG CABLES	UG

Notes for Table VII-1 (Proposed Transmission Facilities)

Number	Note
1	Line Length Miles: Negative values indicate removal of Existing Circuit being tapped
2	S = Summer Peak Period W = Winter Peak Period I/S = In-Service
3	Equipment (Transformers & Capacitor Banks) is retained on this list for one year after it goes in In-Service, and then it is deleted. A Transmission Line is reflected in table VI, when it goes In-Service.
4	Thermal Ratings in Amperes, except where labeled otherwise.
5	Firm projects are those which have been reported by TOs as being sufficiently firm and will be considered for inclusion in NYISO planning studies.
6	Reconductoring of Existing Line
7	Segmentation of Existing Circuit
8	115 kv operation as opposed to previous 46 kV operation
9	The Facility is partially in Service pending total upgrade. The last outage for the Vernon East 138 kV ring upgrade will occur in Spring 2013
10	Upgrade of existing 69 kV to 138 kV operation
11	Project involves tower separation which results in the elimination of the double circuit tower contingency
12	Upgrade of existing 69 kV to 115 kV operation
13	MVAR rating +150 Capacitive to -50 Inductive
14	This reconfiguration is associated with the Linden VFT project that was Queue Position 125 and is the responsibility of the developer, Linden VFT, LLC.
14	Contingent on future generation resources
15	Upgrade of existing 138 kV to 345 kV operation