



LOAD POSITION FOR NYISO LOADSHIFT REPORTING

Reporting Requirements:

As a Transmission Owner (“TO”), Central Hudson Gas & Electric Corporation (“Central Hudson”) is required to submit to the New York Independent System Operator (“NYISO”), on a monthly basis, a report by Load Serving Entity (“LSE”) reflecting all customer switching through the end of the submittal month that was reported to Central Hudson as of the last day of the previous month, and estimated load position for each LSE for the first day of the subsequent month. For example, in the beginning of January, Central Hudson would prepare a report for the month of January, as of the end of December. This report would also include estimated load position as of February 1, reflecting current load as well as pending enrolls and drops.

Central Hudson is also required to submit to the NYISO, on a monthly basis, a report by LSE reflecting actual customer switching for the month three months prior to the submittal month. For example, in January, Central Hudson would prepare a reconciliation, or true-up, report reflecting actual customer switching activity for the month of October.

Load Positions:

Load position is an estimate of a customer’s contribution to Central Hudson’s Forecasted Load coincident with the New York Control Area Peak (“NYCA peak”) for the capability year. Load position starts with either actual metered load or an estimate of load coincident with the NYCA peak as follows:

- For interval-metered customers, the actual metered load at the time of the NYCA peak is utilized.
- For non-interval demand metered customers, an estimate of the load at the time of the NYCA peak is determined by averaging the peak demand metered for June, July and August for the year coincident with the NYCA peak being utilized.
- For non-demand metered customers, including lighting, an estimate of the load at the time of the NYCA peak is determined by multiplying the customer’s usage factor by the load reflected in that customer’s load profile for the hour coincident with the NYCA peak being utilized.
- Load for new customers, who initiated service subsequent to the NYCA peak being utilized, is estimated based on a number of factors including, but not limited to, similar facilities that the customer already has in place in other areas of the Company’s service territory, similar facilities of other customers, type of facility and mode of operation.
- For customers who begin taking service under the Company’s hourly pricing provision pursuant to the Orders in Case 08-E-0887 and 09-E-0588 respectively, and do not have interval metering installed at the time of the NYCA peak, an estimate of load will be determined by averaging the peak demand metered for June, July and August for the year coincident with the NYCA peak being utilized.

The load is then converted to load position, to be consistent with Central Hudson’s forecasted peak for the capability year (May 1 – April 30) as follows:



- For existing customers (those that were taking service in Central Hudson’s service territory at the time of the NYCA peak being utilized) the load is multiplied by the weather normalization factor (ratio of “Weather Normalized Load + Losses” to “Load” as included on a schedule provided by the NYISO during the annual load forecasting process) and the factor of adjustment.

Examples of Load Position Calculations:

Existing Loads at Time of NYCA Peak:

- ✓ Residential non heat non-demand metered customer:
= (Load Profile) x (Customer Specific Usage Factor) x (Weather Normalization Factor) x (Factor of Adjustment)
- ✓ Non-interval demand metered customer:
= (Average June/July/August Demand) x (Weather Normalization Factor) x (Factor of Adjustment)
- ✓ Interval metered customer:
= (Actual kW at peak hour) x (Weather Normalization Factor) x (Factor of Adjustment)

New Loads since NYCA Peak:

- ✓ Non-interval demand metered customer:
= (Estimated kW) x (Factor of Adjustment)

Current Capability Period:

The current capability period is May 1, 2023 through April 30, 2024 for which calculations are based on loads at the time of the 2022 NYCA peak, which occurred July 20, 2022 at hour ending 18:00. The current weather normalization factor and factors of adjustment are shown in the table below.

Load Profile	Factor of Adjustment	Weather Normalization Factor x Factor of Adjustment
RNH	1.0132	1.0066
RHT	1.0132	1.0066
TH1	1.0132	1.0066
TH2	1.0132	1.0066
TN1	1.0132	1.0066
TN2	1.0132	1.0066
ND1	1.0132	1.0066
ND2	1.0132	1.0066
ND3	1.0132	1.0066
SD1	1.0132	1.0066
SD2	1.0132	1.0066
SD3	1.0132	1.0066
PD1	1.0078	1.0012
PD2	1.0078	1.0012
LGP	1.0078	1.0012
LGS	1.0048	0.9982
LGT	1.0037	0.9971
LAS	1.0132	1.0066



Other Information:

Additional **ICAP Data & Information** can be obtained from the NYISO website at http://www.nyiso.com/public/markets_operations/market_data/icap/index.jsp

Customer Specific Usage Factors can be obtained from <https://www.cenhud.com/esco/usage/>

Electric Load Profiles specific to CHG&E can be found at <https://www.cenhud.com/en/esco/class-specific-load-profiles/>

Glossary of Terms:

Load Profile is the hourly pattern of electric usage by a customer or a group of customers over the course of a day; based upon load research sampling or direct hourly metering.

Usage Factor is the ratio of an individual customer's historic energy consumption to the average historic consumption of a specific customer segmented group. For an individual customer, this factor is multiplied by the load profile for the customer's segment to obtain a more accurate hourly estimation of consumption.

Load Serving Entity (LSE) is the Company and any non-Company entity that is deemed eligible by the New York State Department of Public Service and qualified in the Company's territory to provide electricity and associated customer service functions to end use customers in New York State.

New York Control Area (NYCA) Peak is the total Peak Load experienced in the New York Control Area for all Load Serving Entities for a given capability period.

New York Independent System Operator (NYISO) is the independent entity in New York State's electric system, operating the high-voltage transmission network, administering and monitoring the wholesale electricity markets, and planning for the state's energy future.

Capability Period is the twelve-month period from May 1 through April 30.