

2022 Peak Dates & Times, & 2023 IRM and ICAP Forecast Schedules

(Includes updates to IRM Forecast Schedule)

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Agenda

- **2022 NYCA and Locality Peak Hours**
- **IRM and ICAP Forecast Descriptions**
- **2023 IRM Forecast Schedule**
- **2023 ICAP Forecast Schedule**

2022 Peak Dates & Times

2022 NYCA Summer Coincident Peak & Locality Peaks

Location	Date	Hour Beginning	Hour Ending	MW
2022 NYCA Summer Coincident Peak	7/20/2022	17	18	30,505
2022 G-to-J Locality Peak	8/9/2022	17	18	14,968
2022 Zone J Locality Peak	8/9/2022	16	17	10,830
2022 Zone K Locality Peak	8/9/2022	17	18	5,210

Based on NYISO Energy Management System Data.

Time is in Eastern Daylight Time.

The ICAP market peak hour is constrained to July and August non-holiday weekdays.

Data is as of August 22, 2022. In the event higher peaks are set after this date, this information will be reposted.

IRM and ICAP Forecasts

IRM Forecast

- Delivered to New York State Reliability Council (NYRSC)
- Used in modeling that determines Installed Reserve Margin (IRM) and Locational Capacity Requirement (LCR) percentages
- Forecast is the product of preliminary Transmission District weather-normalized peaks and Regional Load Growth Factors (RLGFs)
- Weather normalized peaks incorporate preliminary weather adjustments and demand response impacts on peak day
- BTM:NG resource peak proxy load added onto forecast
- Primary forecast outputs:
 - Zonal coincident peak forecasts
 - Zonal non-coincident peak forecasts

ICAP Forecast

- Used in calculations of MW capacity obligations for Installed Capacity (ICAP) market
- Forecast is the product of final Transmission District weather-normalized peaks and Regional Load Growth Factors (RLGFs)
- Weather normalized peaks incorporate final weather adjustments and demand response impacts on peak day
- Primary forecast outputs:
 - Transmission District NYCA ICAP peak forecasts
 - Locality peak forecasts (J, K, and G-J)
- NYCA peak forecast includes proportional allocation of losses across Transmission Districts

2023 IRM Forecast Schedule

NYSRC Fall Forecast Update Timeline for 2023 IRM Study

Event	Responsible Parties	Due Date
Provide Economic Outlook for 2023	Moody's Analytics	Aug. 2022
Post 2022 NYCA Peak MW, Date and Time	NYISO	8/23
Post NYISO Values of Zone J, K & GHJ Peak MWs, Dates and Times	NYISO	8/23
<i>Posting date for Teleconference</i>	NYISO	8/23
Load Forecasting Task Force Teleconference	All Parties	8/26/2022
Post Preliminary Transmission District Weather Normalized Peaks	NYISO	9/13
Post Preliminary Regional Load Growth Factors	NYISO	9/13
Post Preliminary Non-Coincident to Coincident Peak Ratios	NYISO	9/13
<i>Posting date for Teleconference</i>	NYISO	9/13
Load Forecasting Task Force Teleconference	All Parties	9/16/2022

2023 IRM Forecast Schedule (cont.)

Event	Responsible Parties	Due Date
Provide Actual Load at Time of NYCA Peak	TO/MES	9/19
Provide Weather-Normalized Load at Time of NYCA Peak	TO/MES	9/19
Provide Actual Load at Time of Zone J, K or GHIJ Peak	TO/MES	9/19
Provide Weather-Normalized Load at Time of Zone J, K or GHIJ Peak	TO/MES	9/19
Provide Updates of Regional Load Growth Factors	TO/MES	9/19
Provide Quarterly Large Load Facility Forecast Updates	TO	9/19
Estimate Demand Response Impacts during NYCA Peak Hour	NYISO	9/19
Project BTM:NG Load for 2023 Peak	NYISO	9/19
Review 2023 Preliminary NYSRC Forecast	All Parties	via e-mail
<i>Posting date for Teleconference</i>	NYISO	9/26
LFTF Teleconference - Final Review of 2023 NYSRC Peak Forecast	All Parties	9/27/2022
Deliver Final 2023 IRM Study NYCA Peak Forecast to NYSRC	NYISO	9/30/2022
NYSRC Installed Capacity Subcommittee Meeting	NYSRC	10/5/2022

Note: Dates of LFTF meetings are subject to change.

**Updated dates since original posting in red text.*

2023 ICAP Forecast Schedule

2023 ICAP Forecast Reporting Timeline

Event	Responsible Parties	Due Date	LF Manual Section	NERC MOD-031-3
Provide Economic Outlook for 2023	Moody's Analytics	Aug. 2022		
Post ICAP Forecast Schedule for Data Submissions and Analyses	NYISO	8/23	2.1	R1 1.2
Post 2022 NYCA Peak MW, Date and Time	NYISO	8/23	2.1	
Post NYISO Values of Zone J, K & GHIJ Peak MWs, Dates and Times	NYISO	8/23	2.1	
<i>Posting date for Teleconference</i>	NYISO	8/23		
Load Forecasting Task Force Teleconference	All Parties	8/26/2022		
<i>Preliminary 2022 Weather Normalized Peaks</i>	NYISO	9/13		
Load Forecasting Task Force Teleconference	All Parties	9/16/2022		
<i>Compilation of 2023 IRM Study Peak Forecast</i>	All Parties	9/26		
Load Forecasting Task Force Teleconference	All Parties	9/27/2022		
NYSRC Installed Capacity Subcommittee Meeting	All Parties	10/5/2022		
<i>*Updated dates since original posting in red text.</i>				
TOs Report Actual Load & Demand Response at Time of NYCA & Locality Peaks	TO/MES	10/14	2.2.2, 2.2.5	R1 1.3.4
SCR & EDRP Resources Report Data to NYISO	SCR/EDRP Providers	10/14	2.2.5	
BTM:NG Resources Report Peak Proxy Load to NYISO	BTM:NG Resources	10/14	2.2.6	
Post Economic Data for Criteria 2&3	NYISO	10/18	2.3.7	
<i>Posting date for Fall Economic Conference</i>	NYISO/Moody's	10/18		
Load Forecasting Task Force - Fall Economic Conference	All Parties	10/21/2022		

2023 ICAP Forecast Schedule (cont.)

Event	Responsible Parties	Due Date	LF Manual Section	NERC MOD-031-3
All DR Impacts from SCR, EDRP & TO Programs Determined	NYISO	10/30	2.1	
Determination of Updated BTM:NG Impacts	NYISO	10/30	2.1	
Preliminary Weather Normalized Peak MW for the 2023 ICAP Forecast	NYISO	11/1		
<i>Posting date for Teleconference</i>	NYISO	11/1		
Load Forecasting Task Force Teleconference	All Parties	11/4/2022		
Review SCR/EDRP Data & Generator Data Allocation & TO DR Impacts	All Parties	11/8	2.2.5	
Review BTM:NG Resource Impacts	All Parties	11/8	2.3.3	
Submit Weather-Normalized Load at Time of NYCA Peak	TO/MES	11/8	2.2.3	R1 1.3.2.1
Submit Actual Load & Demand Response at Time of Zone J, K or GHIJ Peak	TO/MES	11/8	2.2.7	R1 1.3.1
Submit Weather-Normalized Load at Time of Zone J, K or GHIJ Peak	TO/MES	11/8	2.2.7	R1 1.3.2.1
Reconciliation of Actual TO & Municipal Load Data	NYISO	11/14	2.3.1	
Evaluation of Weather-Normalized Loads at Time of NYCA Peak	NYISO	11/14	2.3.5	
Evaluation of Weather-Normalized Zone J, Zone K, and G-to-J Peaks	NYISO	11/14	2.3.9	
Post Non-Coincident to Coincident Peak Load Ratios	NYISO	11/14		
Weather Normalized Peak MW Update for the 2023 ICAP Forecast	NYISO	11/14		
<i>Posting date for Teleconference</i>	NYISO	11/14		
Submit Final TO/MES Regional Load Growth Factors	TO/MES	11/15	2.2.9	
Submit Model Documentation to NYISO	TO/MES	11/15	2.2.3	R1 1.5.1
Load Forecasting Task Force Teleconference	All Parties	11/17/2022		

2023 ICAP Forecast Schedule (cont.)

Event	Responsible Parties	Due Date	LF Manual Section	NERC MOD-031-3
Comment and Dispute Resolution Period on Weather Normalization Results	All Parties	11/21	2.3.5	
Provide Final Large Load Facility Forecasts to be used in ICAP Forecast	TO	11/21		
Finalize Criteria 1, 2 & 3	NYISO	11/23	2.3.7	
Evaluation of Regional Load Growth Factors	NYISO	11/23	2.3.7	
Comment and Dispute Resolution Period on Regional Load Growth Factors	All Parties	11/29	2.3.7	
Compile 2023 Transmission District, Municipal, and Locality Forecasts	NYISO/TOs	11/29	2.3.8, 2.3.9	
Post Preliminary 2023 ICAP Forecast & Locality Forecasts	NYISO	11/30	2.1	
<i>Posting date for Teleconference</i>	NYISO	11/30		
Load Forecasting Task Force Teleconference	All Parties	12/5/2022		
Final 2023 ICAP Forecast or Forecast Update (NYCA and Locality Forecasts)	NYISO	12/14	2.1	
<i>Posting date for Teleconference</i>	NYISO	12/14		
Load Forecasting Task Force Teleconference	All Parties	12/19/2022		
Final 2023 ICAP Forecast Posting Deadline	NYISO	12/31/2022	2.1	
<i>NYCA ICAP Peak Forecast; and G-to-J, Zone J, and Zone K Locality Peak Forecasts</i>				

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[NYISO Load Forecasting Manual](#)

Questions?

Our Mission & Vision



Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation