New York ISO
Independent System Operator

Summer 2026 Capacity Assessment

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Operating Committee:

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Agenda

- Key Observations
- Summer Capacity Assessment
- Summer Preparedness
- Infrastructure Updates

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Key Observations

- **This assessment is based on the expected start of Summer resource availability that includes Danskammer, Gowanus and Narrows units available and CHPE not yet providing capacity**

- **Projected capacity margins for normal and extreme weather conditions without emergency operating actions**
    - 417 MW - capacity margin for baseline peak forecast conditions
    - -1,679 MW - capacity margin for 90-10 peak forecast conditions
    - -3,370 MW - capacity margin for 99-1 peak forecast conditions

- **Projected capacity margins for normal and extreme weather conditions with up to 3,166 MW of emergency operating actions**
    - 3,583 MW - capacity margin for baseline peak forecast conditions
    - 1,487 MW - capacity margin for 90-10 peak forecast conditions
    - -204 MW - capacity margin for 99-1 peak forecast conditions

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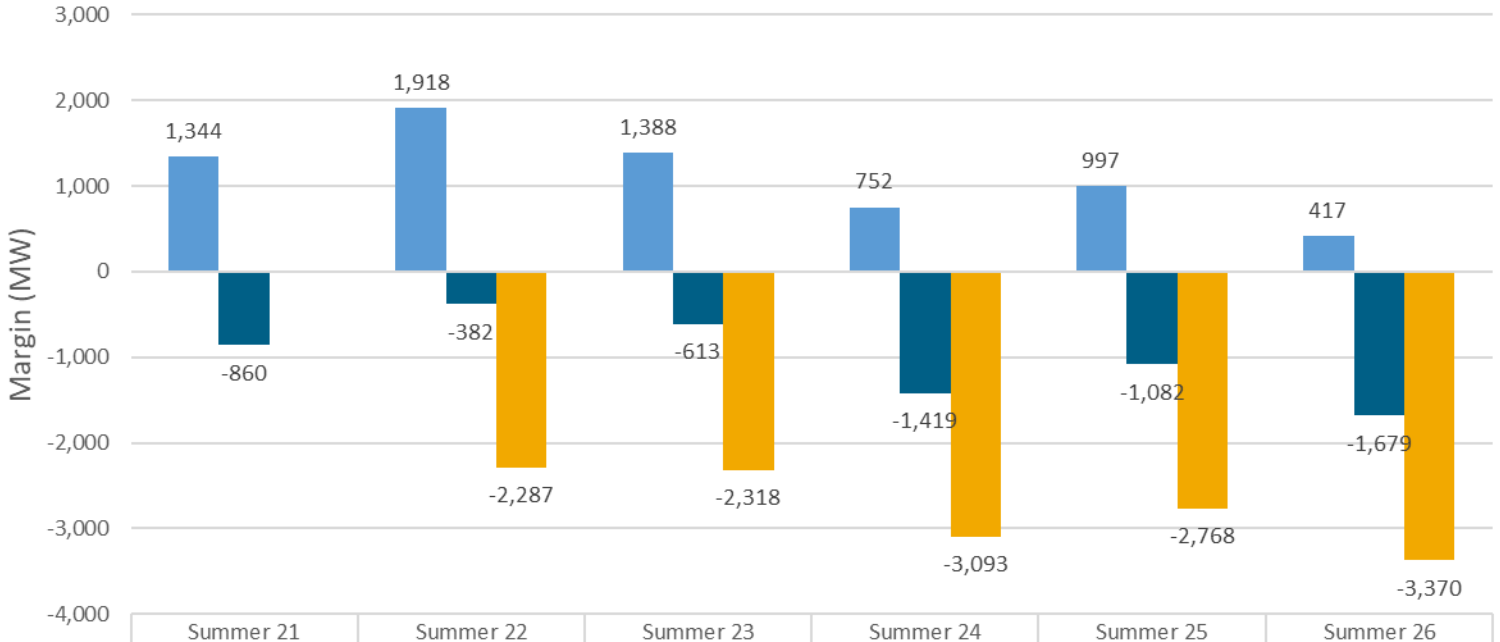
Capacity Margins: Summer 2021 - 2026



	Summer 21	Summer 22	Summer 23	Summer 24	Summer 25	Summer 26
Baseline	1,344	1,918	1,388	752	997	417
90/10	-860	-382	-613	-1,419	-1,082	-1,679
99/1		-2,287	-2,318	-3,093	-2,768	-3,370

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Summer Capacity Assessment and Comparison

Line	Item	2025 Baseline Forecast	2026 Baseline Forecast	2026 90th Percentile Forecast	2026 99th Percentile Forecast
1a	Summer Resource Capacity[1]	37,682	38,027	38,027	38,027
1b	SCR Program ICAP Values[2]	1,487	927	927	927
1c	Net Purchases & Sales	1,769	1,918	1,918	1,918
1	**Total Capacity Resources**	**40,937**	**40,872**	**40,872**	**40,872**
2	Assumed Unavailable Capacity (Gen, SCR, DER)[3,4]	-5,850	-6,257	-6,588	-6,789
3 = 1 + 2	**Net Capacity Resources**	**35,088**	**34,615**	**34,284**	**34,084**
4	Peak Load Forecast	31,471	31,578	33,343	34,834
5	Operating Reserve Requirement	2,620	2,620	2,620	2,620
6 = 4+5	**Total Capacity Requirement**	**34,091**	**34,198**	**35,963**	**37,454**
7 = 3 - 6	**Capacity Margin[5]**	**997**	**417**	**-1,679**	**-3,370**

1. Reflects the 2026 Gold Book existing capacity of 37,324 MW and DER program supply of 488 MW, with projected changes of 215 MW during Summer 2026.
2. The SCR program has enrollment of 927 MW.
3. Derates: 2,282 MW for wind, 603 MW for Hydro, 2,551 MW for thermal units, 377 MW for FTM solar, 356 MW for SCRs, and 50 MW for DERs.
4. 90th / 99th Percentile Capacity include an additional 331 MW / 532 MW of derates for thermal units operating in extreme temperatures.
5. It is expected that there may be up to an additional 3,166 MW available under Emergency Operating Procedures.
6. Depending on market conditions, additional economic energy may be available during seasonal peak load conditions.

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Southeastern New York[1]: Summer Transmission Security - Base Case

Line	Item	2026 Baseline Forecast	2026 90th Percentile Forecast	2026 99th Percentile Forecast
1a	Summer Resource Capacity	13,248	13,248	13,248
1b	Net ICAP External Imports	140	140	140
1c	Transmission Capability from UPNY to SENY (N-1-1)	4,525	4,525	4,525
1d	Transmission Capability, Long Island to SENY	0	0	0
1	**Total Capability**	**17,913**	**17,913**	**17,913**
2	Assumed Unavailable Capacity (Gen.)[2,3]	-1,227	-1,352	-1,437
3 = (1+2)	**Total Capability**	**16,686**	**16,561**	**16,476**
4	Load Forecast in Zones G to J[4]	15,743	16,370	17,009
5 = (3-4)	**Capacity Margin w/o SCR**	**943**	**191**	**-533**
6	Effective SCR GHIJ[5]	271	271	271
7 = (5+6)	**Capacity Margin w/ SCR**	**1,214**	**462**	**-262**

1. Southeast Region (SENY) includes Zones G to J.
2. Derates: 42 MW for Hydro, 1,167 MW for thermal units.
3. 90th / 99th Percentile Capacity includes an additional 125 MW / 210 MW of derates for thermal units operating in extreme temperatures.
4. Load forecasts include addition of PJM RECO load.
5. SCR Derates: 256 MW.

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Zone J, NYC: Summer Transmission Security - Base Case

Line	Item	2026 Baseline Forecast	2026 90th Percentile Forecast	2026 99th Percentile Forecast
1a	Summer Resource Capacity	8,568	8,568	8,568
1b	Net ICAP External Imports	140	140	140
1c	Transmission Capability from Sprainbrook to Dunwoodie (N-1-1)	2,875	2,875	2,875
1d	Transmission Capability, A/B/C	0	0	0
1	**Total Capability**	**11,583**	**11,583**	**11,583**
2	Assumed Unavailable Capacity (Gen.)[1,2]	-769	-860	-927
3 = (1+2)	**Total Capability**	**10,814**	**10,723**	**10,656**
4	Load Forecast in Zone J	11,062	11,430	11,886
5 = (3-4)	**Capacity Margin w/o SCR**	**-248**	**-707**	**-1,231**
6	Effective SCR J[3]	226	226	226
7 = (5+6)	**Capacity Margin w/ SCR**	**-23**	**-482**	**-1,005**

1. Derates: 754 MW for thermal units.
2. 90th / 99th Percentile Capacity includes an additional 91 MW / 158 MW of derates for thermal units operating in extreme temperatures.
3. SCR Derates: 227 MW.

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Zone K, Long Island: Summer Transmission Security - Base Case

Line	Item	2026 Baseline Forecast	2026 90th Percentile Forecast	2026 99th Percentile Forecast
1a	Summer Resource Capacity	5,073	5,073	5,073
1b	Transmission Capability on Y49/Y50/901/903 (N-1-1)	275	275	275
1c	Transmission Capability, Neptune	660	660	660
1d	Transmission Capability, Cross Sound Cable	288	288	288
1	**Total Capability**	**6,296**	**6,296**	**6,296**
2	Assumed Unavailable Capacity (Gen.)[1,2]	-589	-667	-713
3 = (1+2)	**Total Capability**	**5,707**	**5,629**	**5,582**
4	Load Forecast in Zone K	5,097	5,503	5,824
5 = (3-4)	**Capacity Margin w/o SCR**	**610**	**125**	**-242**
6	Effective SCR K[3]	11	11	11
7 = (5+6)	**Capacity Margin w/ SCR**	**621**	**136**	**-231**

1. Derates: 111 MW for wind, 31 MW for FTM solar, 447 MW for thermal units.
2. 90th / 99th Percentile Capacity includes an additional 78 MW / 124 MW of derates for thermal units operating in extreme temperatures.
3. SCR Derates: 12 MW.

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Emergency Operating Procedures

Procedure	Effect	2026 MW Value
Emergency Demand Response Programs	Load Impact	**1**
Voltage Reductions	Load Impact	**526**
Voluntary Industrial Curtailment	Load Impact	**255**
General Public Appeals	Load Impact	**74**
Emergency Purchases	Additional Resources	**1,000**
Thirty Minute Reserves to Zero	Allow Operating Reserve to Decrease to Largest Single Contingency	**1,310**
Total Emergency Operating Procedures		**3,166**

Note: The procedures listed above are not an exhaustive list of operator actions available to avoid load shed.

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Summer 2026 Operational Preparedness

- Weekly fuel surveys indicate oil and dual fuel capability generation have sufficient start-of-summer oil inventories.
- ISO Operations coordination of transmission and generation maintenance outages helps mitigate the reliability impact of such outages during hot weather periods.

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Generation Additions

Station Name	Nameplate MW
Arthur Kill Energy Storage	+15
Homer Solar	+90
Baron Winds II	+120
Total Additions	**+225**

Includes nameplate capacity of new capacity since Summer 2025, and expected additions during Summer 2026

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Generation Deactivations

Station Name	Nameplate MW
High Acres LFG	-9.6
Total Deactivations	**-9.6**

Includes nameplate capacity of deactivations since Summer 2025, and expected changes during Summer 2026

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Transmission Operations

Equipment	Voltage (kV)	Status
Hudson – Farragut (B3402) and PAR	345	Out-of-Service
Marion – Farragut (C3403) and PAR	345	Out-of-Service
Sprainbrook and Dunwoodie Series Reactors	345	In-Service
Marcy South Series Capacitors	345	In-Service
CHPE HVDC	345	Out-of-Service
Y19 Astoria Annex-Rainey	345	In-Service
42G13 Gowanus-Greenwood	138	In-Service
Smart Path Connect Transmission Upgrade	345, 230	In-Service
Western NY Byron and Graham Stations	345	In-Service

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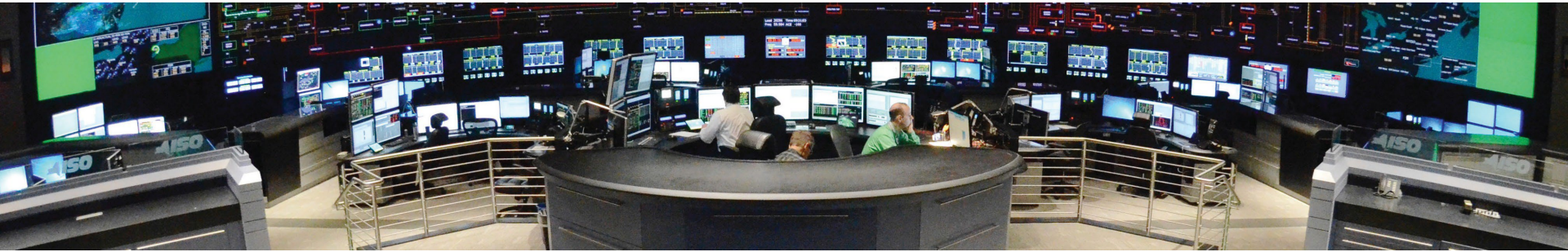
Our Mission and Vision

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



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Questions?

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