Agenda Item 4.1: ICS Report to NYSRC Executive Committee (EC)
November 3, 2026, ICS Meeting #324
Prepared for: November 13, 2026, EC Meeting #331
Prepared by: Thomas Primrose (PSEGLI)

4.1.1 2027-2028 IRM FBC Tan45 Results-[EC Approval Item]

NYISO presented the IRM 2027-2028 FBC Tan45 results as shown below:

Metric	2027-2028 PBC	2027-2028 FBC	Change
IRM	30.8%	**30.9%**	+0.1 %
Load Zone J	85.9%	**85.1%**	-0.8 %
Load Zone K	109.9%	**110.7%**	+0.8 %
G-J Locality	89.3%	**89.6%**	+0.3 %
NYCA EOP	5.2 days/yr	**4.8 days/yr**	-0.4 days/yr
Winter risk	9.2%	**8.4%**	-0.7 %

- Key drivers of changes from PBC to FBC include:
  - Upward Drivers: Fall Load Forecast (+0.64%) and New Generator Inclusion (+0.12%)
  - Downward Drivers: Voluntary Curtailment & Public Appeals MW update (-0.18%), Special Case Resources MW update (-0.16%), interface limit updates (-0.12%), and Voltage Reduction MW update (-0.08%)
- Key drivers of changes from 2026/27 FBC to 2027/28 FBC include:
  - Upward Drivers: New Generator Inclusion (+3.52%), Updated Thermal EFORd data (+1.12%), 2026 Gold Book DMNC (+1.01%), and the two Load Forecast updates (+0.96%)
  - Downward Drivers: Resource Deactivations (-1.27%), and Winter Fuel Availability Constraints Modeling Update (-0.40%)

NYISO also presented preliminary 2027-2028 TSL floors noting that preliminary 2027-2028 Summer TSL floors are currently more binding than Winter TSL floors. NYISO also presented an impact analysis of the TSL floor values. This impact analysis demonstrated that adjusting the LCRs to respect the preliminary TSL floor values while maintaining the IRM from Tan45 results decreases LOLE from 0.100 to 0.090. Impact analysis also showed that by adjusting the LCRs to respect the preliminary TSL floor values while maintaining the LOLE at criteria, the IRM decreases by 0.8%. Compared to the 2026–2027 final TSL floor values and the IRM FBC, the gap between the preliminary 2027–2028 TSL floor values and the IRM FBC Tan45-determined locational requirements is smaller.

TSL Floor Impact Case	IRM	Load Zone J	Load Zone K	G-J Locality	LOLE
2027-2028 IRM FBC Tan45	**30.9%**	**85.1%**	**110.7%**	**89.6%**	**0.100**
Tan45 IRM + Preliminary TSL Floors	30.9%	88.3%	111.9%	84.2%	0.090
Preliminary TSL Floors at Criterion	**30.1%**	**88.3%**	**111.9%**	**84.2%**	**0.100**

The Tan45 points and curves document and presentation (with TSL impact analysis) are attached for reference. **The 2027-2028 IRM FBC is an EC approval item at this meeting.**

C. Wentlent asked if EOP days/yr includes SCRs, NYISO noted that it does as they are the first EOP step. He also asked how the 4.8 calls/yr squares with recent operating conditions. T. Primrose noted

that 4.8 calls/yr is an average number while calls may vary by load bin. C. Wentlent noted that increased EFORds associated with the aging fleet are well recognized and asked whether reduced DMNCs may also be attributable to fleet aging and should be noted t. NYISO clarified that part of the DMNC reduction this year is due to sunset of the CLR provision. R. Gonzales asked if the "preliminary" TSL floor notation indicates changes are expected, NYISO replied that they are tagged as preliminary until the FBC is adopted by EC and does not imply changes are expected.

M. DeSocio asked how much capacity is removed in the Tan45 process, NYISO noted that this is in the Tan45 points and curves document. He also added that the TSL impact analysis is very helpful. T. Primrose commented that the LOLE delta to 0.10days/yr criteria in the TSL impact analysis decreased significantly [0.01 this year vs 0.026 prior year] as did the IRM gap [0.8% this year vs 1.6% prior year]. He also added that he appreciated the intentional effort by NYISO to "frontload" updates in this year's PBC which improved its predictive value.

T. Primrose noted that PSEGLI completed their TO validation of the FBC database and found it acceptable. W. Gunther added that ConEd also successfully completed their TO validation.

4.1.2 IRM Study 2027-2028 Draft Technical Report and Appendices

G. Jordan provided an overview of the initial draft IRM study technical report. J. Adams presented an overview of the initial draft IRM study appendices. Both requested comments and feedback.

Stakeholder discussion occurred regarding the treatment of the TSL impact analysis in the IRM report. This discussion highlighted various considerations for and against inclusion. While both sides were presented, ICS generally leaned towards not including the TSL discussion in the technical report. However, ICS stakeholders were unanimous in recommending the information be available, and T. Primrose volunteered to bring a "one-pager" to memorialize the TSL analysis separate from the report. The report attached for information reflects this discussion.

W. Gunther inquired about producing an IRM "tolerance" band based on the widened standard error criteria incorporated to Policy 5 earlier this year.

4.1.3 Resource Adequacy Modeling Improvements Strategic Plan

NYISO presented an update on the Resource Adequacy Modeling Improvements Strategic Plan (2027-2031) presented at the last ICS. Changes and clarifications in response to stakeholder feedback include the following:

- Updates to Seasonal Reliability Enhancements to include an interim step regarding consideration of seasonal resource inclusion and seasonal EFORd assumptions by year-end 2027.
- Expansion of the Load Shape and LFU Review to coordinate with the Large Load Modeling initiative based on feedback from EC.

NYISO also discussed collaborative efforts with the ICS Chair and the NYSRC Technical Consultants to assess feedback from various ICS participants on considerations for 9300 Code Events in the IRM Study. Based on various considerations, other 2027 modeling priorities, available resources, and in coordination with the ICS Chair and NYSRC Technical Consultant, additional evaluation of planned transmission-related 9300 events is not proposed for inclusion in the 2027 whitepaper scopes.

M. Cadwalader noted that he disagreed with the recommendation on 9300 code events. He re-iterated his stance that the component of 9300 generator forced outage events associated with planned transmission outages should not be treated differently from planned generator maintenance. NYISO, G. Jordan and T. Primrose added that in their opinions the current treatment is appropriate for probabilistic modeling.

4.1.4 ICS Chair and Vice Chair Rotation

T. Primrose indicated that ICS Vice Chair, P. Danner, agreed to take over the Chair role starting in 2027 and that ICS will be looking for a new Vice Chair. In the past, the positions rotated among the TOs and he will begin the process of looking for a 2027 Vice-Chair.

Year	Vice Chair	Chair
2016	PSEG-LI (M. Wilczek)	NYPA (R. Boyle)
2017	NYPA (T. Lundin)	PSEG-LI (M. Wilczek)
2018	Con Edison (H. Kosel)	PSEG-LI (M. Wilczek)
2019	Central Hudson (A. Faisal/R. Chan)	Con Edison (H.Kosel)
2020	National Grid (B. Shanahan)	Central Hudson (R. Chan)
2021	NYSEG/RG&E (P. Didsayabutra/R. Brophy)	National Grid (B. Shanahan)
2022	NYSEG/RG&E (N. Leghari)	National Grid (B. Shanahan)
2023	NYSEG/RG&E (N. Leghari)	National Grid (B. Shanahan)
2024	National Grid (B. Shanahan)	Con Edison (H. Kosel/W. Gunther)
2025	PSEG-LI (T. Primrose)	Con Edison (W. Gunther)
2026	NYPA (P. Danner)	PSEG-LI (T. Primrose)
2027	NYSEG/RG&E, or Central Hudson	NYPA (P. Danner)

4.1.5 2027-2028 IRM FBC Parametric Results

NYISO presented the final base case parametric results with final changes since the PBC. The parametric result for 2027-2028 is 30.89% IRM, 84.77% NYC, 89.19% LHV, 111.03% LI. Four material changes and one revision were presented as follows:

- Winter Fuel Allocation Update Revision (-0.05% IRM Impact, previously -0.07%)
- New Generator Screening (+0.12% IRM Impact)
- Topology Update (-0.12% IRM Impact)
- Fall Load Forecast (+0.64% IRM Impact)
- Manual and Remote Voltage Reduction MW Update (-0.08% IRM Impact)

M. Mager and M. DeSocio noted an appreciation for the efforts of NYISO to improve parametric performance. T. Primrose agreed and added that even the locality results are all within +/- 0.5% compared to Tan45. He also requested that a note be added to the IRM report to explain the counterintuitive load impact step for stakeholder clarity.

4.1.6 ICS 2026 Whitepapers

NYISO provided several 2026 whitepapers for posting as follows:

- Parametric Process Improvements Whitepaper: Methodology and model updates were approved at EC 326 and this effort is associated with ICS goal A1.4
- Seasonal Topology Whitepaper: Methodology and model updates were approved at EC 326 and this effort is associated with ICS goal A1.3
- Generator Maintenance Modelling Whitepaper: New methodology presented at EC 327 and incorporated into the 2027-2028 IRM PBC

These white papers serve as documentation of various completed ICS 2026 efforts and will return for approval at the next EC meeting.

Appendix:

4.1.1: 2027-2028 FBC vs 2026-2027 Special Sensitivity

Metric	2026-2027 FBC Special Sensitivity	2027-2028 FBC Tan45	Change
IRM	25.6%	**30.9%**	+5.3 %
Load Zone J	79.8%	**85.1%**	+5.2 %
Load Zone K	107.5%	**110.7%**	+3.2 %
G-J Locality	89.2%	**89.6%**	+0.4 %
NYCA EOP	6.2 days/yr	**4.8 days/yr**	-1.4 days/yr
Winter Risk	14.8%	**8.4%**	-6.4 %

4.1.1: Tan45 Plots with TSL impact analysis



