

# Sensitivity on Y49 Line

---

Ryan Carlson

Senior Resource Adequacy Analyst

**NYSRC – ICS**

Meeting #272

January 4, 2023

# Background

- **During the 2023 IRM Study cycle, a sensitivity was requested and reported as a parametric run where the transition rate utilized for Y49 was determined during the 2015 -2019 period, prior to the recent outage**
  - PSEG LI and NYISO agreed to an outage rate that reverts to the 2021 IRM Study
  - Rolls back two years of poor performance data
- **Results of sensitivity (not run as a Tan45)**
  - IRM: 19.6% (-0.5% delta vs PBC)
  - Zone J: 79.5% (-0.6% delta vs PBC)
  - Zone K: 103.5% (-0.9% delta vs PBC)

Presentation to ICS on 10/5: [https://www.nysrc.org/PDF/MeetingMaterial/ICSMeetingMaterial/ICS%20Agenda%20267/Y49%20Sensitivity\\_IRM23\[8298\].pdf](https://www.nysrc.org/PDF/MeetingMaterial/ICSMeetingMaterial/ICS%20Agenda%20267/Y49%20Sensitivity_IRM23[8298].pdf)

# Tan45 Results of Reverted Y49 Transition Rate

- After the 2023 IRM was finalized, there was a request to run a Tan45 on the line outage improvement starting from the final base case

- Results:

	FBC - Tan45 Technical Result	Reverted Transition Rate - Tan45
IRM	19.90%*	19.57%
Zone J	78.20%	78.53%
Zone K	107.40%	103.54%

\* The IRM was approved at 20.0%

- Both the IRM and Zone K decreased, while Zone J increased slightly

# 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

# Questions?