

Informational LCR Results

Nathaniel Gilbraith
NYISO Market Operations

ICAPWG

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Purpose

- **This presentation provides informational LCR results using updated Installed Reserve Margin study assumptions**
 - This presentation builds on the 10/3/19 and 11/21/19 ICAPWG presentations on the same topic
- **Next steps in setting LCRs**

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Informational LCRs on the 2020 IRM Final Base Case

- A large generating facility (Somerset, ~680MW, located in Zone A) submitted a retirement notice to the New York State Public Service Commission after the IRM Final Base Case was complete, which initiated the NYSRC “Special Sensitivity” process
 - The “Special Sensitivity” case began with the previous Final Base Case and with Somerset deactivated
 - No other changes were made
 - A Tan45 analysis was performed to determine the IRM and Tan45 LCRs. The IRM and Tan45 LCRs decreased slightly
- The NYSRC reviewed the Special Sensitivity Case, adopted it as the IRM Final Base Case, and approved the 2020-2021 Capability Year IRM of 18.9%.
- This case uses the approved NYSRC IRM and IRM Final Base Case assumptions to calculate informational LCRs for the G-J Locality, Zone J and Zone K. All other inputs are consistent with the 11/21/2019 ICAPWG “Final Base Case LCRs” case

Comparison with 11/21/2019 ICAPWG results

Optimized LCRs

	NYCA IRM	G-J	NYC	LI
11/21 ICAPWG	19.0%	90.6%	86.9%	103.3%*
2020 FBC LCRs	18.9%**	89.4%	86.4%	103.3%*
<i>deltas</i>	-0.1%	-1.2%	-0.5%	0.0%

* The TSL Limit for Long Island was binding.

** IRM Approved by NYSRC Executive Committee on 12/6

- **Somerset (located in Zone A) is retired in this case**
 - Reduced ICAP in Zone A decreases congestion, allowing additional ICAP to be shifted from downstate Localities into the Rest-of-State region
- **The TSLs for the optimized LCRs case are:**
 - G-J: 87.1%
 - J: 80.3%
 - K: 103.3%

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Next steps in setting LCRs

- **The NYISO will incorporate the ICAP Load forecast into the final LCR determination**
 - ICAP Load forecast is published in late December
- **The NYISO will present the LCR Study Report to the Operating Committee for approval**

Additional steps

- **The Final LCRs will be determined in accordance with the publicly posted LCR process document**
 - That process document was posted on 11/29/2018, and is available at this web link:
 - <https://www.nyiso.com/documents/20142/1408199/LCR-determination-process.pdf/2854dc25-301e-c506-1d88-2b13e0284ca1>
- **The Final LCR inputs and the LCR report will be posted on the NYISO website**
 - <https://www.nyiso.com/installed-capacity-market>
 - Under “Reference Documents > LCR Calculation Process”

Questions?

Questions or comments can be sent to irm@nyiso.com

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- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policy makers, stakeholders and investors in the power system



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