

# LCR Process Updates

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# Agenda

- **Review and Compare Various LCR Results**
- **Potential enhancements and schedule**
- **Next steps**

# IRM Final Base Case Results

- Results from LCR Optimizer using the IRM Final Base Case compared to final LCRs
  - 2020 Results

## Optimized LCRs

	NYCA IRM	G-J	NYC	LI
2020 FBC LCRs	18.9%*	89.4%	86.4%	103.3%**
2020 Final LCRs	18.9%*	90.0%	86.6%	103.4%**
<i>deltas</i>	-	0.6%	0.2%	0.1%

\* Determined by ICS Tan 45 Process

\*\* The TSL Limit for Long Island was binding

# IRM Final Base Case Results

## ■ Results from LCR Optimizer using the IRM Final Base Case

- October Forecast used
- Informational Only

### Optimized LCRs

	NYCA IRM	G-J	NYC	LI
2021 PBC LCRs	20.1%*	88.5%	81.5%	102.7%**
2021 FBC LCRs	20.7%*	88.7%	80.6%	102.9%**
<i>deltas</i>	0.6%	0.2%	-0.9%	0.2%

\* Determined by ICS Tan 45 Process

\*\* The TSL Limit for Long Island was binding

# IRM Final Base Case Comparison

- Results from LCR Optimizer using the IRM Final Base Case compared to Final LCRs

Optimized LCRs

	NYCA IRM	G-J	NYC	LI
2021 FBC LCRs	20.7%*	88.7%	80.6%	102.9%**
2021 Final LCRs	20.7%*	87.6%	80.3%	102.9%**
<i>deltas</i>	0.0%	-1.1%	-0.3%	0.0%

\* Determined by ICS Tan 45 Process

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# Comparison of Final LCR Results

- Results from 2020 Final LCRs vs 2021 Final LCRs

		Optimized LCRs		
	NYCA IRM	G-J	NYC	LI
2020 Final LCRs	18.9%*	90.0%	86.6%	103.4%**
2021 Final LCRs	20.7%*	87.6%	80.3%	102.9%**
<i>deltas</i>	1.8%	-2.4%	-6.3%	-0.5%

\* Determined by ICS Tan 45 Process

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# Stakeholder Request for Process Enhancements

- Stakeholder requests to review and enhance LCR process
  - 1/12/21 ICAPWG
  - 1/14/21 OC
- NYISO agreed to review the process and consider enhancements to would improve stability and transparency

# LCR Procedure

- **Consider updates to LCR Procedures to better align the LCR process with the IRM process**
- **Potential changes for discussion:**
  - Handling updates to load forecasts after October IRM Study lockdown date
  - Whether updates should be made only if changes are also made to the data and assumptions used to calculate the IRM
  - Provide additional review of year-over-year changes, and drivers of those changes, as part of the informational LCR results presented to stakeholders in Q4 of each year
- **Potential improvement in transparency/stability**
  - Alignment with IRM database
  - Update IRM database for the LCR Study but utilize an earlier lockdown of assumptions provides stakeholders greater certainty of study inputs



# Next Steps

- **Return to ICAPWG with updates in April**
  - Further discussion on ideas and review recommendations
  - Current procedure: <https://www.nyiso.com/documents/20142/1408199/LCR-determination-process.pdf/2854dc25-301e-c506-1d88-2b13e0284ca1>

# Questions?

Questions or comments can be sent to [IRM@nyiso.com](mailto: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 policymakers, stakeholders and investors in the power system

