

# **Demand Response: 2027-2028 IRM Study Final Base Case Values**

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**Jillian Cola**

Associate Distributed Resources Operations Analyst

**NYSRC – Installed Capacity Subcommittee**

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# Agenda

- **Background**
- **Final Special Case Resource (SCR) Values for 2027-2028  
IRM Study**
- **Distributed Energy Resource (DER) Aggregation  
Enrollments**
- **Appendix I – Description of ICS Adjustment Factors**
- **Appendix II – Analysis of Data Set Range**

# Background

Overview of the SCR zonal response rate methodology

# Background – Data Set Overview

- **The NYISO calculates zonal SCR response rates by hour of event based on historical SCR performance. The data set includes:**
  - All event hours, by zone, for each mandatory event from the most recent five years in which a mandatory event was initiated by the NYISO
  - The hourly response rates for each hour simulate the aggregated performance and staggered responses of individual SCRs during mandatory events and reflect the percentage of obligated SCR MW that responded during that hour across all mandatory events in the relevant zone(s)
- **The NYISO additionally calculates “translation factors” (see Appendix for further details). The data set includes:**
  - All event hours, by zone, for each mandatory event from the most recent five years in which a mandatory event was initiated by the NYISO
  - All performance test hours that occur between the first Capability Period in the above timeframe and the most recent Summer Capability Period. This year, the NYISO has additionally included all performance test hours in Winter 2025-2026.

\*The historical occurrence of mandatory events varies by zone, but the NYISO limits the consideration of such information to mandatory events since 2012.

# Background – Data Set Overview (cont.)

- Based on feedback received during the April 28, 2026 ICS meeting, the NYISO assessed potential changes to its SCR performance calculations for the IRM study to use more recent data in calculating the SCR Response Rates and ACL-to-CBL Translation Factors.
- The current inclusion rule is as follows:
  - All event hours, by zone, for each mandatory event from the most recent five years in which a mandatory event was initiated by the NYISO. These five years may be non-continuous.
- The NYISO recommends retaining the current inclusion rule, which will result in Summer 2012 being excluded from the data set starting next year.
  - Using a revised inclusion rule (e.g., limiting the historical dataset to the most recent 10 years) would result in less than 5 years of mandatory event data for the 2027-2028 IRM study.

# SCR Response Rates – Duration Limit

- The current SCR modeling approach for the IRM study utilizes energy limited resource (ELR) functionality to model SCRs as duration limited resources with hourly response rates
  - The duration limits reflect the expected maximum mandatory SCR event length based on historically observed activations. Activations have historically ranged from 1-7 hours
  - The duration limit of the zonal SCR resources can vary by load zone based on the maximum historical call length that has occurred in each zone since 2012. The table below provides the duration limits modeled for the 2027 – 2028 IRM study.

| SCR Activation Duration Limit by Zone (hours) |     |   |     |   |
|-----------------------------------------------|-----|---|-----|---|
|                                               | A-E | F | G-J | K |
| Duration Limit                                | 7   | 7 | 7   | 7 |

- Because SCR performance is captured in the hourly response rates in the SCR modeling approach, the maximum modeled SCR capacities are calculated based solely on July zonal SCR enrollment and the zonal Average Coincident Load (ACL) to Customer Baseline Load (CBL) factors

$$\text{July Max Modeled Capacity (MW)} = \text{SCR ICAP MW} * \text{ACL to CBL Translation Factor}$$

# 2027-2028 IRM Study: Final Base Case SCR Values

\*Based on July 2026 enrollments

# Inputs for 2027-2028 IRM Final Base Case (FBC)

- **Additional data inputs since 2026-2027 IRM FBC**
  - Winter 2024-2025 and Summer 2025 SCR performance test hours – total of 2 hours
  - Winter 2025-2026 performance test hours – total of 1 hour
  - Summer 2025 SCR event hours – total of 62 hours
  - Winter 2025-2026 SCR event hours – total of 55 hours
- **The additional data inputs consist of**
  - All event hours, by zone, from mandatory events from Summer 2012 through Winter 2025-2026
    - Range from 151 event hours for Load Zone A to 226 event hours for Load Zone K
    - Used in calculating the zonal response rates and ACL to CBL translation factors
  - All performance test hours from Summer 2012 through Winter 2025-2026
    - 28 performance test hours
    - Used in calculating the ACL to CBL translation factors
- **The inclusion of the additional data inputs leads to updates to the SCR activation hourly response rate and maximum modeled capacity compared to the modeling assumptions used for this year's Preliminary base Case (PBC) (see Slides 10 and 13). Comparison of the SCR modeling assumptions from last year's FBC are provided on Slides 11 and 14.**



# 2027-2028 IRM FBC: SCR Response Rates

| Zones | Event Hour 1 | Event Hour 2 | Event Hour 3 | Event Hour 4 | Event Hour 5 | Event Hour 6 | Event Hour 7 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A-E   | 80.10%       | 81.88%       | 82.19%       | 79.84%       | 75.66%       | 75.39%       | 72.38%       |
| F     | 67.35%       | 72.68%       | 75.33%       | 76.08%       | 75.25%       | 67.77%       | 63.18%       |
| G-I   | 59.62%       | 68.22%       | 72.04%       | 73.67%       | 73.38%       | 70.14%       | 67.15%       |
| J     | 54.95%       | 59.70%       | 64.62%       | 69.61%       | 70.67%       | 67.83%       | 66.25%       |
| K     | 51.75%       | 58.25%       | 62.71%       | 65.18%       | 64.86%       | 64.31%       | 61.02%       |

# Comparison of SCR Response Rates: 2027-2028 IRM PBC vs 2027-2028 IRM FBC

## For 2027-2028 IRM FBC – Final Response Rates (Up to Winter 2025–2026 Events)

| Zones | Event Hour 1 | Event Hour 2 | Event Hour 3 | Event Hour 4 | Event Hour 5 | Event Hour 6 | Event Hour 7 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A-E   | 80.10%       | 81.88%       | 82.19%       | 79.84%       | 75.66%       | 75.39%       | 72.38%       |
| F     | 67.35%       | 72.68%       | 75.33%       | 76.08%       | 75.25%       | 67.77%       | 63.18%       |
| G-I   | 59.62%       | 68.22%       | 72.04%       | 73.67%       | 73.38%       | 70.14%       | 67.15%       |
| J     | 54.95%       | 59.70%       | 64.62%       | 69.61%       | 70.67%       | 67.83%       | 66.25%       |
| K     | 51.75%       | 58.25%       | 62.71%       | 65.18%       | 64.86%       | 64.31%       | 61.02%       |

## For 2027-2028 IRM PBC - Preliminary Response Rates (Up to Summer 2025 Events)

| Zones | Event Hour 1 | Event Hour 2 | Event Hour 3 | Event Hour 4 | Event Hour 5 | Event Hour 6 | Event Hour 7 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A-E   | 82.50%       | 84.55%       | 84.83%       | 82.15%       | 77.58%       | 79.46%       | 75.89%       |
| F     | 68.95%       | 75.10%       | 78.20%       | 78.63%       | 77.88%       | 69.13%       | 62.41%       |
| G-I   | 60.49%       | 70.24%       | 74.20%       | 75.29%       | 75.58%       | 73.31%       | 70.39%       |
| J     | 56.70%       | 62.05%       | 66.96%       | 71.17%       | 72.28%       | 69.33%       | 67.97%       |
| K     | 51.08%       | 57.77%       | 62.40%       | 64.91%       | 64.59%       | 63.62%       | 59.46%       |

## Difference in Response Rates (2027 FBC vs 2027 PBC)

| Zones | Event Hour 1 | Event Hour 2 | Event Hour 3 | Event Hour 4 | Event Hour 5 | Event Hour 6 | Event Hour 7 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A-E   | -2.40%       | -2.67%       | -2.64%       | -2.31%       | -1.92%       | -4.07%       | -3.51%       |
| F     | -1.60%       | -2.42%       | -2.87%       | -2.55%       | -2.63%       | -1.36%       | +0.77%       |
| G-I   | -0.87%       | -2.02%       | -2.16%       | -1.62%       | -2.20%       | -3.17%       | -3.24%       |
| J     | -1.75%       | -2.35%       | -2.34%       | -1.56%       | -1.61%       | -1.50%       | -1.72%       |
| K     | +0.67%       | +0.48%       | +0.31%       | +0.27%       | +0.27%       | +0.69%       | +1.56%       |

# Comparison of SCR Response Rates: 2027-2028 IRM FBC vs 2026-2027 IRM FBC

## For 2027-2028 IRM FBC – Final Response Rates (Up to Winter 2025–2026 Events)

| Zones | Event Hour 1 | Event Hour 2 | Event Hour 3 | Event Hour 4 | Event Hour 5 | Event Hour 6 | Event Hour 7 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A-E   | 80.10%       | 81.88%       | 82.19%       | 79.84%       | 75.66%       | 75.39%       | 72.38%       |
| F     | 67.35%       | 72.68%       | 75.33%       | 76.08%       | 75.25%       | 67.77%       | 63.18%       |
| G-I   | 59.62%       | 68.22%       | 72.04%       | 73.67%       | 73.38%       | 70.14%       | 67.15%       |
| J     | 54.95%       | 59.70%       | 64.62%       | 69.61%       | 70.67%       | 67.83%       | 66.25%       |
| K     | 51.75%       | 58.25%       | 62.71%       | 65.18%       | 64.86%       | 64.31%       | 61.02%       |

## For 2026-2027 IRM FBC - Final Response Rates (Up to Summer 2024 Events)

| Zones | Event Hour 1 | Event Hour 2 | Event Hour 3 | Event Hour 4 | Event Hour 5 | Event Hour 6 | Event Hour 7 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A-E   | 82.33%       | 85.85%       | 85.54%       | 79.20%       | 75.61%       | 0% (No data) | 0% (No data) |
| F     | 72.95%       | 79.54%       | 82.43%       | 83.29%       | 83.40%       | 70.40%       | 66.99%       |
| G-I   | 61.08%       | 69.85%       | 72.12%       | 73.52%       | 74.47%       | 71.50%       | 0% (No data) |
| J     | 57.53%       | 62.61%       | 66.97%       | 70.70%       | 72.29%       | 66.09%       | 0% (No data) |
| K     | 51.20%       | 57.99%       | 63.12%       | 65.49%       | 64.82%       | 63.35%       | 52.63%       |

## Difference in Response Rates (2027-2028 IRM FBC vs 2026-2027 IRM FBC)

| Zones | Event Hour 1 | Event Hour 2 | Event Hour 3 | Event Hour 4 | Event Hour 5 | Event Hour 6 | Event Hour 7 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A-E   | -2.23%       | -3.97%       | -3.35%       | +0.64%       | +0.05%       | N/A          | N/A          |
| F     | -5.60%       | -6.86%       | -7.10%       | -7.21%       | -8.15%       | -2.63%       | -3.81%       |
| G-I   | -1.46%       | -1.63%       | -0.08%       | +0.15%       | -1.09%       | -1.36%       | N/A          |
| J     | -2.58%       | -2.91%       | -2.35%       | -1.09%       | -1.62%       | +1.74%       | N/A          |
| K     | +0.55%       | +0.26%       | -0.41%       | -0.31%       | +0.04%       | +0.96%       | +8.39%       |

# 2027-2028 IRM FBC: SCR July Max Modeled Capacity (MW)

| Capacity Region | SCR ICAP MW based on July 2026 | ACL to CBL Factor | July Max Modeled Capacity (MW) |
|-----------------|--------------------------------|-------------------|--------------------------------|
| A-E             | 212.5                          | 88.3%             | 187.6                          |
| F               | 58.0                           | 80.3%             | 46.6                           |
| G-I             | 65.0                           | 72.7%             | 47.3                           |
| J               | 468.4                          | 58.7%             | 275.0                          |
| K               | 25.6                           | 70.4%             | 18.0                           |

# Comparison of July Max Modeled Capacity (MW): 2027-2028 IRM PBC vs 2027-2028 IRM FBC

## For 2027-2028 IRM FBC – Max SCR Modeled Capacity

| Capacity Region | SCR ICAP MW based on<br>July 2026 | ACL to CBL<br>Factor | July Max Modeled Capacity (MW) |
|-----------------|-----------------------------------|----------------------|--------------------------------|
| A-E             | 212.5                             | 88.3%                | 187.6                          |
| F               | 58.0                              | 80.3%                | 46.6                           |
| G-I             | 65.0                              | 72.7%                | 47.3                           |
| J               | 468.4                             | 58.7%                | 275.0                          |
| K               | 25.6                              | 70.4%                | 18.0                           |

## For 2027-2028 IRM PBC – Max SCR Modeled Capacity

| Capacity Region | SCR ICAP MW based on<br>July 2025 | ACL to CBL<br>Factor | July Max Modeled Capacity (MW) |
|-----------------|-----------------------------------|----------------------|--------------------------------|
| A-E             | 289.6                             | 90.3%                | 261.5                          |
| F               | 87.8                              | 79.1%                | 69.4                           |
| G-I             | 73.9                              | 74.9%                | 55.4                           |
| J               | 453.0                             | 61.2%                | 277.2                          |
| K               | 22.9                              | 70.3%                | 16.1                           |

## Difference in Max Modeled Capacity (2027 FBC vs 2027 PBC)

| Capacity Region | SCR ICAP MW based on<br>July 2025 | ACL to CBL<br>Factor | July Max Modeled Capacity (MW) |
|-----------------|-----------------------------------|----------------------|--------------------------------|
| A-E             | -77.1                             | -2.0%                | -73.9                          |
| F               | -29.8                             | +1.2%                | -22.8                          |
| G-I             | -8.9                              | -2.2%                | -8.1                           |
| J               | +15.4                             | -2.5%                | -2.2                           |
| K               | +2.7                              | +0.1%                | +1.9                           |

# Comparison of July Max Modeled Capacity (MW): 2026-2027 IRM FBC vs 2027-2028 IRM FBC

## For 2027-2028 IRM FBC – Max SCR Modeled Capacity

| Capacity Region | SCR ICAP MW based on July 2026 | ACL to CBL Factor | July Max Modeled Capacity (MW) |
|-----------------|--------------------------------|-------------------|--------------------------------|
| A-E             | 212.5                          | 88.3%             | 187.6                          |
| F               | 58.0                           | 80.3%             | 46.6                           |
| G-I             | 65.0                           | 72.7%             | 47.3                           |
| J               | 468.4                          | 58.7%             | 275.0                          |
| K               | 25.6                           | 70.4%             | 18.0                           |

## For 2026-2027 IRM FBC – Max SCR Modeled Capacity

| Capacity Region | SCR ICAP MW based on July 2025 | ACL to CBL Factor | July Max Modeled Capacity (MW) |
|-----------------|--------------------------------|-------------------|--------------------------------|
| A-E             | 260.5                          | 91.9%             | 239.3                          |
| F               | 87.8                           | 89.2%             | 78.3                           |
| G-I             | 73.9                           | 83.5%             | 61.7                           |
| J               | 453.0                          | 72.9%             | 330.3                          |
| K               | 23.1                           | 75.1%             | 17.4                           |

## Difference in Max Modeled Capacity (2027-2028 IRM FBC vs 2026-2027 IRM FBC)

| Capacity Region | SCR ICAP MW based on July 2025 | ACL to CBL Factor | July Max Modeled Capacity (MW) |
|-----------------|--------------------------------|-------------------|--------------------------------|
| A-E             | -48.0                          | -3.6%             | -51.7                          |
| F               | -29.8                          | +8.9%             | -31.7                          |
| G-I             | -8.9                           | -10.8%            | -14.4                          |
| J               | +15.4                          | -14.2%            | -55.3                          |
| K               | +2.5                           | -4.7%             | +0.6                           |

# 2027-2028 IRM FBC: January SCR ICAP Value

- To calculate the January SCR ICAP, the ICAP MW based on July 2026 enrollments is multiplied by the January SCR Multiplier.

| Capacity Region | SCR ICAP MW based on July 2026 | January SCR Multiplier | January SCR ICAP Value |
|-----------------|--------------------------------|------------------------|------------------------|
| A-E             | 212.5                          | 0.6037                 | 128.2                  |
| F               | 58.0                           | 0.6037                 | 35.0                   |
| G-I             | 65.0                           | 0.6037                 | 39.2                   |
| J               | 468.4                          | 0.6037                 | 282.7                  |
| K               | 25.6                           | 0.6037                 | 15.4                   |

- The January SCR Multiplier is calculated using the following ratio

January SCR Multiplier = SCR ICAP KW Equivalent Sold in January 2026 / SCR ICAP kW Equivalent Sold in July 2026

# 2027-2028 IRM FBC: SCR January Max Modeled Capacity (MW)

| Capacity Region | January SCR ICAP Value | ACL to CBL Factor | January Max Modeled Capacity (MW) |
|-----------------|------------------------|-------------------|-----------------------------------|
| A-E             | 128.2                  | 88.3%             | 113.2                             |
| F               | 35.0                   | 80.3%             | 28.1                              |
| G-I             | 39.2                   | 72.7%             | 28.4                              |
| J               | 282.7                  | 58.7%             | 165.9                             |
| K               | 15.4                   | 70.4%             | 10.8                              |



# 2027-2028 IRM Study: Final Base Case DER Aggregation Enrollments

# DER Aggregations

- **Consistent with the PBC, the NYISO recommends modeling the enrolled DERs in the 2027-2028 IRM FBC, consistent with the modeling framework identified in the Phase 1 “DER Whitepaper”**
  - Phase 1 DER Whitepaper is available at: <https://www.nysrc.org/wp-content/uploads/2025/03/DER-Modeling-Whitepaper-Phase1-ICS04022025.pdf>
  - For Demand Side Resource (DSR) Aggregations, the Phase 1 DER Whitepaper recommended modeling DERs as ELRs, aggregated by Load Zone and duration
    - For example, all DSR Aggregations in Load Zone A subject to the same duration limit (e.g., 4 hours) would be modeled as a single ELR with the applicable duration limit
- **Consistent with the PBC, the NYISO recommends applying the NYCA translation factor to DER Aggregations modeled in the 2027-2028 IRM FBC**

# DER Aggregations

- The DER participation model for the NYISO markets became available on April 16, 2024 and allows certain resources to aggregate and sell energy, capacity and/or ancillary services
- The NYISO recommends including DER in the 2027-2028 IRM FBC that have been submitted for enrollment prior to this presentation.
- The NYISO recommends the DER in the table below be included, which reflects DER Aggregations that are enrolled as of August 2026.

| Capacity Region | DER Aggregation ICAP (MW) | Technology Type            |
|-----------------|---------------------------|----------------------------|
| A-E             | 340.0                     | Demand Side Resource (DSR) |
| F               | 0                         | -                          |
| G-I             | 0                         | -                          |
| J               | 0.5                       | Demand Side Resource (DSR) |
| K               | 0                         | -                          |

# Comparison of DER Aggregation ICAP (MW): 2027-2028 IRM PBC vs 2027-2028 IRM FBC

## For 2027-2028 IRM FBC – DER Aggregation ICAP Values

| Capacity Region | DER Aggregation ICAP (MW) |
|-----------------|---------------------------|
| A-E             | 340.0                     |
| F               | 0                         |
| G-I             | 0                         |
| J               | 0.5                       |
| K               | 0                         |

## For 2027-2028 IRM PBC – DER Aggregation ICAP Values

| Capacity Region | DER Aggregation ICAP (MW) |
|-----------------|---------------------------|
| A-E             | 426.0                     |
| F               | 0                         |
| G-I             | 0                         |
| J               | 0.5                       |
| K               | 0                         |

## Difference in DER Aggregation ICAP Values (2027-2028 IRM FBC vs 2027-2028 IRM PBC)

| Capacity Region | DER Aggregation ICAP (MW) |
|-----------------|---------------------------|
| A-E             | -86.0                     |
| F               | 0                         |
| G-I             | 0                         |
| J               | 0                         |
| K               | 0                         |

# Comparison of DER Aggregation ICAP (MW): 2027-2028 IRM FBC vs 2026-2027 IRM FBC

## For 2027-2028 IRM FBC – DER Aggregation ICAP Values

| Capacity Region | DER Aggregation ICAP (MW) |
|-----------------|---------------------------|
| A-E             | 340.0                     |
| F               | 0                         |
| G-I             | 0                         |
| J               | 0.5                       |
| K               | 0                         |

## For 2026-2027 IRM FBC – DER Aggregation ICAP Values

| Capacity Region | DER Aggregation ICAP (MW) |
|-----------------|---------------------------|
| A-E             | 480.4                     |
| F               | 0                         |
| G-I             | 0.1                       |
| J               | 0                         |
| K               | 0                         |

## Difference in DER Aggregation ICAP Values (2027-2028 IRM FBC vs 2026-2027 IRM FBC)

| Capacity Region | DER Aggregation ICAP (MW) |
|-----------------|---------------------------|
| A-E             | -140.4                    |
| F               | 0                         |
| G-I             | -0.1                      |
| J               | +0.5                      |
| K               | 0                         |

# Appendix I – Description of SCR Adjustment Factors

# SCR Baselines

## ■ Average Coincident Load (ACL):

- Capacity baseline for resources participating in the SCR program
- Required for all resources participating in the SCR program
- Used for capacity market participation

## ■ Customer Baseline Load (CBL):

- Energy baseline for resources participating the SCR program
- Optional submission following a NYISO-called SCR program test or event
- Used for energy payments

# ACL to CBL Translation Factor

## 2027-2028 IRM FBC vs 2026-2027 IRM FBC

| Program | Zone | 2027-2028<br>IRM FBC | 2026-2027<br>IRM FBC | Difference |
|---------|------|----------------------|----------------------|------------|
| SCR     | A-E  | 88.3%                | 91.9%                | -3.6%      |
| SCR     | F    | 80.3%                | 89.2%                | -8.9%      |
| SCR     | G-I  | 72.7%                | 83.5%                | -10.8%     |
| SCR     | J    | 58.7%                | 72.9%                | -14.2%     |
| SCR     | K    | 70.4%                | 75.1%                | -4.7%      |



# SCR Adjustment Factors used in IRM Studies

## ■ Translation Factor (ACL to CBL)

- The translation factor is used to adjust performance based on the ACL baseline to a CBL equivalent
- Translation factors have been calculated annually since the 2019-2020 IRM study
- Calculated value from:
  - All event hours, by zone, for each mandatory event from the most recent five years in which a mandatory event was initiated by the NYISO (but not older than summer 2012)
  - All performance test hours accumulated during the above timeframe even when there were no mandatory events
  - Data set for the 2027-2028 IRM FBC includes all event hours from mandatory events and performance tests from Summer 2012 through Winter 2025-2026
- Only uses responses from resources reporting CBL data

# Appendix II – Analysis of Data Set Range

# Comparison of SCR Response Rates: 2027-2028 IRM FBC vs Alternative Response Rates

**For 2027-2028 IRM FBC – Alternative Response Rates (Prior 10 Years: Summer 2016 – Winter 2025-2026)**

| Zones | Event Hour 1 | Event Hour 2 | Event Hour 3 | Event Hour 4 | Event Hour 5 | Event Hour 6 | Event Hour 7 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A-E   | 81.01%       | 81.80%       | 82.68%       | 83.26%       | 78.04%       | 75.35%       | 72.34%       |
| F     | 66.75%       | 71.15%       | 73.53%       | 74.20%       | 73.12%       | 67.77%       | 63.18%       |
| G-I   | 60.78%       | 69.36%       | 73.65%       | 75.26%       | 73.85%       | 69.94%       | 67.15%       |
| J     | 54.77%       | 59.18%       | 64.56%       | 70.41%       | 70.97%       | 68.04%       | 66.25%       |
| K     | 55.05%       | 60.54%       | 65.06%       | 66.58%       | 63.41%       | 63.38%       | 61.02%       |

**For 2027-2028 IRM FBC - Final Response Rates (Current Methodology: Summer 2012 – Winter 2025-2026)**

| Zones | Event Hour 1 | Event Hour 2 | Event Hour 3 | Event Hour 4 | Event Hour 5 | Event Hour 6 | Event Hour 7 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A-E   | 80.10%       | 81.88%       | 82.19%       | 79.84%       | 75.66%       | 75.39%       | 72.38%       |
| F     | 67.35%       | 72.68%       | 75.33%       | 76.08%       | 75.25%       | 67.77%       | 63.18%       |
| G-I   | 59.62%       | 68.22%       | 72.04%       | 73.67%       | 73.38%       | 70.14%       | 67.15%       |
| J     | 54.95%       | 59.70%       | 64.62%       | 69.61%       | 70.67%       | 67.83%       | 66.25%       |
| K     | 51.75%       | 58.25%       | 62.71%       | 65.18%       | 64.86%       | 64.31%       | 61.02%       |

**Difference in Response Rates (2027-2028 Alternative Methodology vs 2027-2028 IRM FBC)**

| Zones | Event Hour 1 | Event Hour 2 | Event Hour 3 | Event Hour 4 | Event Hour 5 | Event Hour 6 | Event Hour 7 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A-E   | +0.91%       | -0.08%       | +0.49%       | +3.42%       | +2.38%       | -0.04%       | -0.04%       |
| F     | -0.60%       | -1.53%       | -1.80%       | -1.88%       | -2.13%       | 0.00%        | 0.00%        |
| G-I   | +1.16%       | +1.14%       | +1.61%       | +1.59%       | +0.47%       | -0.20%       | 0.00%        |
| J     | -0.18%       | -0.52%       | -0.06%       | +0.80%       | +0.30%       | +0.21%       | 0.00%        |
| K     | +3.30%       | +2.29%       | +2.35%       | +1.40%       | -1.45%       | -0.93%       | 0.00%        |

# Comparison of SCR Response Rates: 2026 -2027 IRM FBC vs Alternative Response Rates

**For 2027-2028 IRM FBC – Modified Response Rates (Summer 2016 – Winter 2025-2026)**

| Zones | Event Hour 1 | Event Hour 2 | Event Hour 3 | Event Hour 4 | Event Hour 5 | Event Hour 6 | Event Hour 7 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A-E   | 81.01%       | 81.80%       | 82.68%       | 83.26%       | 78.04%       | 75.35%       | 72.34%       |
| F     | 66.75%       | 71.15%       | 73.53%       | 74.20%       | 73.12%       | 67.77%       | 63.18%       |
| G-I   | 60.78%       | 69.36%       | 73.65%       | 75.26%       | 73.85%       | 69.94%       | 67.15%       |
| J     | 54.77%       | 59.18%       | 64.56%       | 70.41%       | 70.97%       | 68.04%       | 66.25%       |
| K     | 55.05%       | 60.54%       | 65.06%       | 66.58%       | 63.41%       | 63.38%       | 61.02%       |

**For 2026-2027 IRM FBC - Final Response Rates (Up to Summer 2024 Events)**

| Zones | Event Hour 1 | Event Hour 2 | Event Hour 3 | Event Hour 4 | Event Hour 5 | Event Hour 6 | Event Hour 7 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A-E   | 82.33%       | 85.85%       | 85.54%       | 79.20%       | 75.61%       | 0% (No data) | 0% (No data) |
| F     | 72.95%       | 79.54%       | 82.43%       | 83.29%       | 83.40%       | 70.40%       | 66.99%       |
| G-I   | 61.08%       | 69.85%       | 72.12%       | 73.52%       | 74.47%       | 71.50%       | 0% (No data) |
| J     | 57.53%       | 62.61%       | 66.97%       | 70.70%       | 72.29%       | 66.09%       | 0% (No data) |
| K     | 51.20%       | 57.99%       | 63.12%       | 65.49%       | 64.82%       | 63.35%       | 52.63%       |

**Difference in Response Rates (2027 Modified FBC vs 2026 FBC)**

| Zones | Event Hour 1 | Event Hour 2 | Event Hour 3 | Event Hour 4 | Event Hour 5 | Event Hour 6 | Event Hour 7 |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A-E   | -1.32%       | -4.05%       | -2.86%       | +4.06%       | +2.43%       | N/A          | N/A          |
| F     | -6.20%       | -8.39%       | -8.90%       | -9.09%       | -10.28%      | -2.63%       | -3.81%       |
| G-I   | -0.30%       | -0.49%       | +1.53%       | +1.74%       | -0.62%       | -1.56%       | N/A          |
| J     | -2.76%       | -3.43%       | -2.41%       | -0.29%       | -1.32%       | +1.95%       | N/A          |
| K     | +3.85%       | +2.55%       | +1.94%       | +1.09%       | -1.41%       | +0.03%       | +8.39%       |

# 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