

# Modeling Improvements for Capacity Accreditation: Firm Fuel

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**ICAPWG**

April 21, 2025

# Agenda

- **Background**
- **Overview of Proposed Changes**
- **Incremental Updates to Proposed Tariff Revisions**
- **Next Steps**

# Background

# Background

- **On July 23, 2024, FERC accepted the tariff revisions for the Modeling Improvements for Capacity Accreditation project**
  - As part of its acceptance, FERC directed the NYISO to submit a compliance filing that delayed the implementation of the firm fuel election process to the 2026-2027 Capability Year
    - On October 24, 2024, FERC accepted the NYISO compliance filing
- **Throughout 2024 and early 2025, the NYISO has worked with stakeholders to develop changes to the approved tariff related to the firm fuel election process and requirements**

# Overview of Proposed Changes

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- **The NYISO is proposing changes to the Financial Sanction/Settlement Adjustment structure based on feedback received at the April 9, 2025, ICAPWG**
  - The following slides contain a high-level overview of the new structure based on the changes

# Financial Sanction/Settlement Adjustment Summary

- **For a given Winter Performance Month**
  - Multiplier will be 1.5 (Financial Sanction) if there is a failure to perform within supplier control
  - Multiplier will be 1.0 (Settlement Adjustment) if either:
    - Failures to perform in the month occurred, but all instances were outside supplier control
    - ICAP Supplier failed to have Operating Plan/Contracts in place for the entire month
  - Otherwise, the multiplier is 0
- **Note: The highest multiplier received for a given Winter Performance Month will be applied**

# Notification Requirements and Implications

- **An ICAP Supplier must notify the NYISO if it is unable to meet the firm fuel requirements**
  - By December 1<sup>st</sup> or at any time during the Winter Performance Period where a loss of firm supply occurs
    - If the NYISO is notified that a supplier is unable to meet the firm requirements, a Settlement Adjustment Multiplier of 1.0 will apply for winter performance months that have not ended (no penalty for months that have passed that they had firm supply)
  - If the NYISO identifies one or more instances in which an ICAP Supplier failed to provide the required notice, the ICAP Supplier will be subject to a Settlement Adjustment *and* the conduct will be referred to FERC
- **If an ICAP Supplier's operating plan/contracts are deemed to be false or misleading the conduct may be referred to FERC OE**



# Incremental Updates to Proposed Tariff Revisions

# Incremental Updates

- **There are two sets of edits based on the feedback received at the 4/9 ICAPWG and are highlighted in gray**
  - Edits to 5.12.12.3 and 5.12.15 addressing the MMUs concerns
  - Incremental clarifying edits to sections 5.12.12.3 and 5.12.25 on pages 66-67 and 77-78, respectively

# Incremental Updates

## ■ Edits addressing the MMU's primary concerns

- Edits were made to Sections 5.12.12.3 and 5.12.15 of the Services tariff to address the MMU's concerns related to the failure of an Installed Capacity Supplier to satisfy the requirements of Section 5.12.15.2 to have in place an effective operating plan and related supply, transportation, and/or replenishment agreements by December 1 of the Subject Capability Year and maintain such agreements throughout the Winter Performance Period
- Edits were also made to MST Section 30.4.5.3.2 to add the Annual Firm Fuel Reconciliation Amount for Failing to Provide Elected Firm Fuel Capacity (5.12.12.3) to the exclusion list for FERC referrals where notice was given to the ISO that an ICAP supplier failed to establish or maintain an operating plan and related supply, transportation, and/or replenishment agreements

# Incremental Updates

- **Edits addressing the MMU's primary concerns (Cont'd)**
  - Edits to Sections 5.12.12.3 and 5.12.15 make the following changes:
    1. For Installed Capacity Suppliers that notify NYISO of failure to contract by Dec. 1:
      - The NYISO shall apply a Firm Fuel Sanction Multiplier of 1.5 in any Winter Performance Month with a lack of fuel event that was within the supplier's control (consistent with current proposal).
      - In addition, the NYISO shall apply a Settlement Adjustment Multiplier of 1.0 in any other Winter Performance Month unless there was a lack of fuel event within the ICAP Suppliers control in which case the multiplier would be 1.5. This would address the incentive to make a risky election
    2. For Installed Capacity Suppliers that do not notify NYISO of a failure to contract which failure is later discovered by the NYISO/MMU:
      - Utilize the same financial sanction as in (1), but also refer to FERC enforcement for tariff violation and violation of 18 CFR 35.41(b)
    3. Consistent with the existing proposal, ICAP Suppliers will not receive a Financial Sanction or Settlement Adjustment for any Winter Performance Month where successful firm service occurred under an effective operating plan and related supply, transportation, and/or replenishment agreements
      - However, regardless of successful performance in a given month, for any months in the Winter Performance Period in which the ICAP Supplier loses firm supply and is unable to reestablish to the elected MW level, they will receive a 1.0 Settlement Adjustment Multiplier unless a performance failure also occurs in that month in which case they shall receive a Financial Sanction Multiplier of 1.5
- **Edits to sections 5.12.12.3 and 5.12.15 have been made to pages 64-68 and 79-80, respectively, of the accompanying pdf version of MST Sec. 5.12**

# Incremental Updates

## ■ Clarifying edits

- 5.12.12.3.3 (Page 66) – Clarifying that the ISO shall calculate and average multiplier for the Subject Capability Year for each Installed Capacity Supplier that has elected to the firm CARC and that is subject to a financial sanction and/or settlement adjustment
- 5.12.12.3.5 (Page 67) – Clarifying that the ISO will calculate an Annual Firm Fuel Reconciliation Amount for a subject Capability Year for an Installed Capacity Supplier that has elected any amount of MW in the firm fuel CARC and experiences a Forced Outage(s) and/or derate(s) due to lack of fuel in the Winter Performance Period
- 5.12.15.2
  - **Page 77** – Clean up edit
  - **Page 78 Edit #1** – Clarifying that the operating plan and related supply, transportation, and/or replenishment agreements in place and effective by December 1 of the subject Capability Year shall be sufficient to provide firm fuel capability at the elected MW level
  - **Page 78 Edit #2** - Added additional language that an ICAP Supplier's failure to meet the notification requirements related to the establishment and maintenance of the operating plan and related supply, transportation, and/or replenishment agreements will be evaluated consistent with the NYISO's Market Monitoring Plan

# Next Steps

# Next Steps

- April 30 MC Meeting
- May 2025 Board Review and subsequent FERC filing
- For any questions or feedback, please email [ntubbs@nyiso.com](mailto:ntubbs@nyiso.com)

# Appendix



# Previous Discussions on Modeling Improvements for Capacity Accreditation

Date	Working Group	Discussion Points and Links to Materials
January 26, 2023	ICAPWG	Modeling Improvements for Capacity Accreditation: Project Kick Off: <a href="https://www.nyiso.com/documents/20142/35880057/2023-01-26%20ICAPWG%20Modeling%20Improvements%20-%20Kick%20Off.pdf/c7ac6b6e-c90b-54b4-832d-ec6ecfc8f7ff">https://www.nyiso.com/documents/20142/35880057/2023-01-26%20ICAPWG%20Modeling%20Improvements%20-%20Kick%20Off.pdf/c7ac6b6e-c90b-54b4-832d-ec6ecfc8f7ff</a>
February 28, 2023	ICAPWG	Correlated Derates - Overview: <a href="https://www.nyiso.com/documents/20142/36499713/Correlated_Derates_MIWG_022823_FINAL.pdf/35eaab46-740e-aed0-9e2d-2207c06a0659">https://www.nyiso.com/documents/20142/36499713/Correlated_Derates_MIWG_022823_FINAL.pdf/35eaab46-740e-aed0-9e2d-2207c06a0659</a> Natural Gas Constraints - Overview: <a href="https://www.nyiso.com/documents/20142/36499713/Gas%20Constraints%2002_28_2023%20ICAPWG_Final.pdf/e258d867-12f9-8453-c93b-49bc94b8e803">https://www.nyiso.com/documents/20142/36499713/Gas%20Constraints%2002_28_2023%20ICAPWG_Final.pdf/e258d867-12f9-8453-c93b-49bc94b8e803</a> SCR Modeling - Overview: <a href="https://www.nyiso.com/documents/20142/36499713/2023-02-28%20ICAPWG%20Modeling%20Improvements%20-%20SCR%20Modeling.pdf/c1a52495-bc30-3e7c-f5c1-61c38f30fbe4">https://www.nyiso.com/documents/20142/36499713/2023-02-28%20ICAPWG%20Modeling%20Improvements%20-%20SCR%20Modeling.pdf/c1a52495-bc30-3e7c-f5c1-61c38f30fbe4</a>
April 27, 2023	ICAPWG	Natural Gas Constraints - Gas Availability Estimates and Classification: <a href="https://www.nyiso.com/documents/20142/37254128/Natural%20Gas%20Constraints%202023_04_27_Final.pdf/0821aba8-bdcd-b1ce-96f3-2d8a740e1356">https://www.nyiso.com/documents/20142/37254128/Natural%20Gas%20Constraints%202023_04_27_Final.pdf/0821aba8-bdcd-b1ce-96f3-2d8a740e1356</a> SCR Modeling - Exploratory Testing Methodology for Existing SCRs: <a href="https://www.nyiso.com/documents/20142/37254128/2023-04%20ICAPWG%20Modeling%20Improvements%20-%20SCR%20Modeling.pdf/30382824-7468-24d2-e567-56c770d6a185">https://www.nyiso.com/documents/20142/37254128/2023-04%20ICAPWG%20Modeling%20Improvements%20-%20SCR%20Modeling.pdf/30382824-7468-24d2-e567-56c770d6a185</a> Start up Notifications - Project Overview: <a href="https://www.nyiso.com/documents/20142/37254128/Start-up%20notification%20time%20-%20ICAPWG%204.27.2023%20v0.2%20clean.pdf/b44eb773-6f7d-e895-e202-a12f2fb6e24e">https://www.nyiso.com/documents/20142/37254128/Start-up%20notification%20time%20-%20ICAPWG%204.27.2023%20v0.2%20clean.pdf/b44eb773-6f7d-e895-e202-a12f2fb6e24e</a>
May 8, 2023	ICAPWG	Correlated Derates - Ambient Adjustments and Emergency Capacity: <a href="https://www.nyiso.com/documents/20142/37431277/5%20Correlated_Derates_ICAPWG_050823.pdf/a1e9a0f4-d922-503d-06d0-682b49c46c4c">https://www.nyiso.com/documents/20142/37431277/5%20Correlated_Derates_ICAPWG_050823.pdf/a1e9a0f4-d922-503d-06d0-682b49c46c4c</a>

# Previous Discussions on Modeling Improvements for Capacity Accreditation

Date	Working Group	Discussion Points and Links to Materials
June 1, 2023	ICAPWG	Natural Gas Constraints – Potential methods for quantifying firm capacity, CARC designation, and fuel election timelines: <a href="https://www.nyiso.com/documents/20142/37883690/Natural%20Gas%20Constraints%2006_01_2023_ICAPWG_Final.pdf/d479ea64-a0d0-86d1-388a-f93d01ff1e10">https://www.nyiso.com/documents/20142/37883690/Natural%20Gas%20Constraints%2006_01_2023_ICAPWG_Final.pdf/d479ea64-a0d0-86d1-388a-f93d01ff1e10</a>
June 7, 2023	ICAPWG	SCR Modeling – Exploratory Testing Methodology (Continued): <a href="https://www.nyiso.com/documents/20142/38023757/2023-06-07%20ICAPWG%20Modeling%20Improvements%20-%20SCR%20Modeling.pdf/250f8f1d-9dfe-5756-640b-c1e31f3a6328">https://www.nyiso.com/documents/20142/38023757/2023-06-07%20ICAPWG%20Modeling%20Improvements%20-%20SCR%20Modeling.pdf/250f8f1d-9dfe-5756-640b-c1e31f3a6328</a>
June 27, 2023	ICAPWG	Natural Gas Constraints – Addressing Stakeholder feedback and discussion on simpler framework for classifying units: <a href="https://www.nyiso.com/documents/20142/38423065/2%20Natural%20Gas%20Constraints_06_23_2023_ICAPWG_Final.pdf/177ad95e-1fa3-5c57-a626-d06182b55c9b">https://www.nyiso.com/documents/20142/38423065/2%20Natural%20Gas%20Constraints_06_23_2023_ICAPWG_Final.pdf/177ad95e-1fa3-5c57-a626-d06182b55c9b</a>
July 11, 2023	ICAPWG	SCR Modeling – Exploratory Testing Methodology Initial Results: <a href="https://www.nyiso.com/documents/20142/38699263/2023-07-11%20ICAPWG%20Modeling%20Improvements%20-%20SCR%20Modeling%20v2%20-%20clean.pdf/2f27473b-2292-31d4-ecb7-5d30d6b860f0">https://www.nyiso.com/documents/20142/38699263/2023-07-11%20ICAPWG%20Modeling%20Improvements%20-%20SCR%20Modeling%20v2%20-%20clean.pdf/2f27473b-2292-31d4-ecb7-5d30d6b860f0</a>
July 27, 2023	ICAPWG	Correlated Derates - Ambient Adjustments and Emergency Capacity: <a href="https://www.nyiso.com/documents/20142/39044934/Correlated_Derates_ICAPWG_072723_final.pdf/0f80f8f2-8100-b8f7-0c65-0098242634e1">https://www.nyiso.com/documents/20142/39044934/Correlated_Derates_ICAPWG_072723_final.pdf/0f80f8f2-8100-b8f7-0c65-0098242634e1</a> Start-up Time – Long Start-up Time and Considerations: <a href="https://www.nyiso.com/documents/20142/39044934/Startup%20time%20-%20ICAPWG%207.27.2023_v2.pdf/bbf6fa0d-b45e-6b7f-1697-2c002442b1de">https://www.nyiso.com/documents/20142/39044934/Startup%20time%20-%20ICAPWG%207.27.2023_v2.pdf/bbf6fa0d-b45e-6b7f-1697-2c002442b1de</a>
August 9, 2023	ICAPWG	Gas Constraints – Classification Proposal, Requirements for Firm Units, and Data Submittal Timeline: <a href="https://www.nyiso.com/documents/20142/39257338/Natural%20Gas%20Constraints_08_09_2023%20ICAPWGV4%20(002).pdf/de6053e0-030d-5520-ed59-18f2225f0f92">https://www.nyiso.com/documents/20142/39257338/Natural%20Gas%20Constraints_08_09_2023%20ICAPWGV4%20(002).pdf/de6053e0-030d-5520-ed59-18f2225f0f92</a>

# Previous Discussions on Modeling Improvements for Capacity Accreditation

Date	Working Group	Discussion Points and Links to Materials
September 5, 2023	ICAPWG	Correlated Derates – Ambient Adjustments: <a href="https://www.nyiso.com/documents/20142/39768278/5%20Correlated_Derates_ICAPWG_090523_final.pdf/5aa71990-e873-166b-a520-e8e6c44b42e1">https://www.nyiso.com/documents/20142/39768278/5%20Correlated_Derates_ICAPWG_090523_final.pdf/5aa71990-e873-166b-a520-e8e6c44b42e1</a>
September 18, 2023	ICAPWG	Startup Notification - Recommendation and Draft Tariff Revisions: <a href="https://www.nyiso.com/documents/20142/40044890/7%20Start-up%20Time%20Proposed%20Capacity%20Tariff%20Revision%20-%20ICAPWG%2009-18.pdf/9d6e8c5e-b7cd-384c-b713-be93507912ed">https://www.nyiso.com/documents/20142/40044890/7%20Start-up%20Time%20Proposed%20Capacity%20Tariff%20Revision%20-%20ICAPWG%2009-18.pdf/9d6e8c5e-b7cd-384c-b713-be93507912ed</a>
September 20, 2023	ICAPWG	Gas Constraints – Updated Requirement, Data Verification Timeline and Shortfall Penalty: <a href="https://www.nyiso.com/documents/20142/40085480/Natural%20Gas%20Constraints_9_20_2023_v4.pdf/8c76a250-d1e0-d30a-2c24-115f10268c65">https://www.nyiso.com/documents/20142/40085480/Natural%20Gas%20Constraints_9_20_2023_v4.pdf/8c76a250-d1e0-d30a-2c24-115f10268c65</a>
October 3, 2023	ICAPWG	SCR Modeling – Project Update: <a href="https://www.nyiso.com/documents/20142/40342797/2023-10-03%20Modeling%20Improvements%20-%20SCR%20Modeling.pdf/e5b6faa3-7865-c92a-dbf2-39e1ea6c65e8">https://www.nyiso.com/documents/20142/40342797/2023-10-03%20Modeling%20Improvements%20-%20SCR%20Modeling.pdf/e5b6faa3-7865-c92a-dbf2-39e1ea6c65e8</a>
October 10, 2023	ICAPWG	Gas Constraints – Response to Stakeholder Feedback, Liquid Receipt Point Guidance, Additive Arrangements: <a href="https://www.nyiso.com/documents/20142/40481418/2%20Natural%20Gas%20Constraints_10_10_v3.pdf/7f39851d-f477-6a12-d7d2-52f52af87fcb">https://www.nyiso.com/documents/20142/40481418/2%20Natural%20Gas%20Constraints_10_10_v3.pdf/7f39851d-f477-6a12-d7d2-52f52af87fcb</a>  Correlated Derates – Ambient Adjustment Procedures and CLR Tariff: <a href="https://www.nyiso.com/documents/20142/40481418/3%20Correlated_Derates_ICAPWG_101023_final.pdf/76326e11-e97f-cb93-2ca4-902d11365bda">https://www.nyiso.com/documents/20142/40481418/3%20Correlated_Derates_ICAPWG_101023_final.pdf/76326e11-e97f-cb93-2ca4-902d11365bda</a>
October 19, 2023	ICAPWG	Startup Notification – Proposed Capacity Tariff Revisions: <a href="https://www.nyiso.com/documents/20142/40696384/Start-up%20Time%20Capacity%20Tariff%20Discussion-%20ICAPWG%2010-19.pdf/247ea46c-9bc3-60c5-9363-69d787bb78c9">https://www.nyiso.com/documents/20142/40696384/Start-up%20Time%20Capacity%20Tariff%20Discussion-%20ICAPWG%2010-19.pdf/247ea46c-9bc3-60c5-9363-69d787bb78c9</a>

# Previous Discussions on Modeling Improvements for Capacity Accreditation

Date	Working Group	Discussion Points and Links to Materials
October 26, 2023	ICAPWG	SCR Modeling- Enhanced SCR Modeling Results: <a href="https://www.nyiso.com/documents/20142/40834869/2023-10-26%20Modeling%20Improvements%20-%20SCR%20Modeling.pdf/7d81b04c-e08a-0298-eea6-cf99d92aa88c">https://www.nyiso.com/documents/20142/40834869/2023-10-26%20Modeling%20Improvements%20-%20SCR%20Modeling.pdf/7d81b04c-e08a-0298-eea6-cf99d92aa88c</a>
November 8, 2023	ICAPWG	Gas Constraints – Response to Stakeholder Feedback and Market Design Summary + Tariff: <a href="https://www.nyiso.com/documents/20142/41049783/Natural%20Gas%20Constraints_11_8_w_Tariff_v5.pdf/8badbfff-06cd-3db3-46f9-c7de5107e993">https://www.nyiso.com/documents/20142/41049783/Natural%20Gas%20Constraints_11_8_w_Tariff_v5.pdf/8badbfff-06cd-3db3-46f9-c7de5107e993</a>
November 17, 2023	ICAPWG	Gas Constraints – Response to Stakeholder Feedback: <a href="https://www.nyiso.com/documents/20142/41273741/Natural%20Gas%20Constraints_11_17_ICAPWG_v3.pdf/9e3b921a-0161-3a21-4874-21811077efb5">https://www.nyiso.com/documents/20142/41273741/Natural%20Gas%20Constraints_11_17_ICAPWG_v3.pdf/9e3b921a-0161-3a21-4874-21811077efb5</a>
November 27, 2023	ICAPWG	Modeling Improvements for Capacity Accreditation – Summary: <a href="https://www.nyiso.com/documents/20142/41393553/2023-11-27%20ICAPWG%20-%20Modeling%20Improvements%20Summary.pdf/9c383992-bebf-6a4a-e660-4cb96f842ef2">https://www.nyiso.com/documents/20142/41393553/2023-11-27%20ICAPWG%20-%20Modeling%20Improvements%20Summary.pdf/9c383992-bebf-6a4a-e660-4cb96f842ef2</a>
December 4, 2023	ICAPWG	Modeling Improvements for Capacity Accreditation – Tariff Review: <a href="https://www.nyiso.com/documents/20142/41570800/2023-12-04%20ICAPWG%20-%20Modeling%20Improvements_v3.pdf/7d334598-46c3-23d8-3217-4bf3eeacadce">https://www.nyiso.com/documents/20142/41570800/2023-12-04%20ICAPWG%20-%20Modeling%20Improvements_v3.pdf/7d334598-46c3-23d8-3217-4bf3eeacadce</a>
December 13, 2023	BIC	Modeling Improvements for Capacity Accreditation – BIC Presentation: <a href="https://www.nyiso.com/documents/20142/41671891/06%20Modeling%20Improvements%20for%20Capacity%20Accreditation.pdf/470bc7a0-277c-dfac-62e6-9cd439f9c813">https://www.nyiso.com/documents/20142/41671891/06%20Modeling%20Improvements%20for%20Capacity%20Accreditation.pdf/470bc7a0-277c-dfac-62e6-9cd439f9c813</a> Motion: <a href="https://www.nyiso.com/documents/20142/41671891/06%20Modeling%20Improvements%20for%20Capacity%20Accreditation%20Motion.pdf/f6afdb1e-f59a-584b-8280-b9b1cab39151">https://www.nyiso.com/documents/20142/41671891/06%20Modeling%20Improvements%20for%20Capacity%20Accreditation%20Motion.pdf/f6afdb1e-f59a-584b-8280-b9b1cab39151</a>

# Previous Discussions on Modeling Improvements for Capacity Accreditation

Date	Working Group	Discussion Points and Links to Materials
December 15, 2023	ICAPWG	Modeling Improvements for Capacity Accreditation – SCR Modeling: <a href="https://www.nyiso.com/documents/20142/41825507/12-15-2023%20ICAPWG%20-%20Modeling%20Improvements%20-%20SCR%20Modeling.pdf/7c754c58-381e-0532-4b13-83181677f3db">https://www.nyiso.com/documents/20142/41825507/12-15-2023%20ICAPWG%20-%20Modeling%20Improvements%20-%20SCR%20Modeling.pdf/7c754c58-381e-0532-4b13-83181677f3db</a>
February 2, 2024	ICAPWG	Modeling Improvements for Capacity Accreditation – Gas Constraints Tariff & ICAP Supplier Bidding Requirements: <a href="https://www.nyiso.com/documents/20142/42748388/2%202024-2-2%20ICAPWG%20-%20Modeling%20Improvements.pdf/0d4f32dd-036d-0a5a-2481-cdf230d35a16">https://www.nyiso.com/documents/20142/42748388/2%202024-2-2%20ICAPWG%20-%20Modeling%20Improvements.pdf/0d4f32dd-036d-0a5a-2481-cdf230d35a16</a>
February 20, 2024	ICAPWG	Modeling Improvements for Capacity Accreditation – Gas Constraints Tariff & ICAP Supplier Bidding Requirements: <a href="https://www.nyiso.com/documents/20142/43038997/7%202024-2-20%20ICAPWG%20-%20Modeling%20Improvements.pdf/9d48164f-4617-48da-dc06-3838e0fd042f">https://www.nyiso.com/documents/20142/43038997/7%202024-2-20%20ICAPWG%20-%20Modeling%20Improvements.pdf/9d48164f-4617-48da-dc06-3838e0fd042f</a>
March 4, 2024	ICAPWG	Modeling Improvements for Capacity Accreditation: <a href="https://www.nyiso.com/documents/20142/43315080/2024-3-4%20ICAPWG%20-%20Modeling%20Improvements.pdf/a6f5b52d-6adb-5cec-2e30-c362788dfc50">https://www.nyiso.com/documents/20142/43315080/2024-3-4%20ICAPWG%20-%20Modeling%20Improvements.pdf/a6f5b52d-6adb-5cec-2e30-c362788dfc50</a>
March 20, 2024	ICAPWG	Modeling Improvements for Capacity Accreditation: <a href="https://www.nyiso.com/documents/20142/43621521/3%202024-3-20%20ICAPWG%20-%20Modeling%20Improvements_v6.pdf/b86db27c-79af-4cdd-24ff-fb9e9d4a339f">https://www.nyiso.com/documents/20142/43621521/3%202024-3-20%20ICAPWG%20-%20Modeling%20Improvements_v6.pdf/b86db27c-79af-4cdd-24ff-fb9e9d4a339f</a>
March 27, 2024	MC	Modeling Improvements for Capacity Accreditation: <a href="https://www.nyiso.com/documents/20142/43713211/5%202024-03-27%20MC%20-%20Modeling%20Improvements_v2.pdf/0dc344f9-22e8-20a8-cda6-95c38b85a73e">https://www.nyiso.com/documents/20142/43713211/5%202024-03-27%20MC%20-%20Modeling%20Improvements_v2.pdf/0dc344f9-22e8-20a8-cda6-95c38b85a73e</a>
May 8, 2024	ICAPWG	Modeling Improvements for Capacity Accreditation – Update: <a href="https://www.nyiso.com/documents/20142/44546131/Modeling%20Improvements%20for%20Capacity%20Accreditation%20Firm_non-firm%20Update%205_8_2024.pdf/acd199e7-dc94-2c06-02f9-bb68cec94ce4">https://www.nyiso.com/documents/20142/44546131/Modeling%20Improvements%20for%20Capacity%20Accreditation%20Firm_non-firm%20Update%205_8_2024.pdf/acd199e7-dc94-2c06-02f9-bb68cec94ce4</a>
August 1, 2024	ICAPWG	Modeling Improvements for Capacity Accreditation – Update: <a href="https://www.nyiso.com/documents/20142/46161626/4%20MICA%20Update%20August%201%20icap.pdf/c7393f29-2919-df63-82df-226de0a8537b">https://www.nyiso.com/documents/20142/46161626/4%20MICA%20Update%20August%201%20icap.pdf/c7393f29-2919-df63-82df-226de0a8537b</a>

# Previous Discussions on Modeling Improvements for Capacity Accreditation

Date	Working Group	Discussion Points and Links to Materials
August 29, 2024	ICAPWG	Modeling Improvements for Capacity Accreditation – ICAP Manual Changes and Firm Requirements: <a href="https://www.nyiso.com/documents/20142/46679593/August%20MICA%20Manuals%20and%20Requirements_v1.6.pdf/8335b836-1ca6-1b01-c6eb-154e7e90a3b7">https://www.nyiso.com/documents/20142/46679593/August%20MICA%20Manuals%20and%20Requirements_v1.6.pdf/8335b836-1ca6-1b01-c6eb-154e7e90a3b7</a>
November 21, 2024	ICAPWG	Modeling Improvements for Capacity Accreditation – Firm Fuel Requirements: <a href="https://www.nyiso.com/documents/20142/48151567/MICA%2011_21%20ICAPWG_v6.pdf/3901561d-5c11-db8a-b22a-3dfad962786b">https://www.nyiso.com/documents/20142/48151567/MICA%2011_21%20ICAPWG_v6.pdf/3901561d-5c11-db8a-b22a-3dfad962786b</a>
February 4, 2025	ICAPWG	Modeling Improvements for Capacity Accreditation – Firm Fuel Requirements: <a href="https://www.nyiso.com/documents/20142/49572424/MICA_FFR_2_4_ICAPWG_v5_Final.pdf/76d55a2f-2776-10af-e6d2-7dc4af5557ce">https://www.nyiso.com/documents/20142/49572424/MICA_FFR_2_4_ICAPWG_v5_Final.pdf/76d55a2f-2776-10af-e6d2-7dc4af5557ce</a>
February 25, 2025	ICAPWG	Modeling Improvements for Capacity Accreditation – Firm Fuel Requirements: <a href="https://www.nyiso.com/documents/20142/49964716/MICA_FFR_2_25ICAPWG_v6_clean.pdf/6b5aae49-8910-91a7-7c8e-199a995f1335">https://www.nyiso.com/documents/20142/49964716/MICA_FFR_2_25ICAPWG_v6_clean.pdf/6b5aae49-8910-91a7-7c8e-199a995f1335</a>
March 3, 2025	ICAPWG	Modeling Improvements for Capacity Accreditation – Firm Fuel Requirements: <a href="https://www.nyiso.com/documents/20142/50076312/MICA_FFR_3_3_ICAPWG_v3_Clean.pdf/ebb3b256-58ac-03bd-3f11-ee8bb3ae296b">https://www.nyiso.com/documents/20142/50076312/MICA_FFR_3_3_ICAPWG_v3_Clean.pdf/ebb3b256-58ac-03bd-3f11-ee8bb3ae296b</a>
March 17, 2025	ICAPWG	Modeling Improvements for Capacity Accreditation – Firm Fuel Requirements: <a href="https://www.nyiso.com/documents/20142/50337038/MICA_FFR_3_17_ICAPWG_Redline.pdf/aca0e2bf-6882-27d9-9a86-67bb7e7a2d9d">https://www.nyiso.com/documents/20142/50337038/MICA_FFR_3_17_ICAPWG_Redline.pdf/aca0e2bf-6882-27d9-9a86-67bb7e7a2d9d</a>
March 18, 2025	BIC	Modeling Improvements for Capacity Accreditation – Firm Fuel Requirements: <a href="https://www.nyiso.com/documents/20142/50304990/04%20MICA%20FFR%20BIC.pdf/86f9e6a1-1420-94d4-180f-453da1f7826f">https://www.nyiso.com/documents/20142/50304990/04%20MICA%20FFR%20BIC.pdf/86f9e6a1-1420-94d4-180f-453da1f7826f</a>
March 24, 2025	ICAPWG	Modeling Improvements for Capacity Accreditation – Firm Fuel Requirements: <a href="https://www.nyiso.com/documents/20142/50467048/MST%205.12%20FID5213_3.21.pdf/ca970060-c4d0-eccc-f050-7661b9fd7c15">https://www.nyiso.com/documents/20142/50467048/MST%205.12%20FID5213_3.21.pdf/ca970060-c4d0-eccc-f050-7661b9fd7c15</a>
April 9, 2025	ICAPWG	Modeling Improvements for Capacity Accreditation – Firm Fuel Requirements: <a href="https://www.nyiso.com/documents/20142/50769536/MICA_FFR_APRIL_ICAPWG_V3_Clean.pdf/a7d24e04-e8b6-7891-bac5-fb1ce6db4bca">https://www.nyiso.com/documents/20142/50769536/MICA_FFR_APRIL_ICAPWG_V3_Clean.pdf/a7d24e04-e8b6-7891-bac5-fb1ce6db4bca</a>