

Class Year/Interconnection Queue Redesign - BSM Enhancements

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ICAPWG

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Red text denotes changes from Sept. 10, 2019 ICAPWG

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Agenda

- **Background**
- **NYISO's Proposals**
 - **Deliverability Redesign BSM Enhancements**
 - **Projects Requiring Additional SDU Study**
 - **Mini Deliverability Study**
- **Tariff Language**
 - **Review incremental changes from September 10, 2019 ICAPWG**
- **Next Steps**

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Background

Date	Working Group	Discussion Points
03-06-19	TPAS	Class Year Study: Lessons Learned and Discussion Regarding Potential Process Improvements/Redesign
04-01-19	TPAS	Class Year/Interconnection Queue Redesign Discussion <ul style="list-style-type: none"> • Potential Areas for Improvement • Ideas for Process Improvements/Redesign
05-03-19	Joint TPAS/ICAP WG	Class Year/Interconnection Queue Redesign <ul style="list-style-type: none"> • Feedback on Process Improvements Discussed 4/1/2019 • NYISO's Preliminary Proposals
06-10-19 07-08-19 08-06-19	Joint TPAS/ESPGW/ ICAP WG	Class Year/Interconnection Queue Redesign <ul style="list-style-type: none"> • Detailed Proposals for Deliverability Redesign and Class Year Study Efficiencies
08-20-19	Joint ESPWG/TPAS/ICAP WG	Class Year/Interconnection Queue Redesign <ul style="list-style-type: none"> • Detailed Proposals for Deliverability Redesign and Class Year Study Efficiencies • Review of Proposed Tariff Revisions

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Background (continued)

Date	Working Group	Discussion Points
08-21-19	Joint ICAP WG/MIWG/PRLWG	<p>CRIS Expiration Rules</p> <ul style="list-style-type: none"> Detailed Proposal for Changes to CRIS Expiration Rules
09-05-19	Joint TPAS/ICAP WG	<p>Class Year/Interconnection Queue Redesign</p> <ul style="list-style-type: none"> Review Incremental Revisions to Proposals and Tariff Revisions for Proposals for Deliverability Redesign and Class Year Study Efficiencies
09-10-19	ICAPWG	<p>Class Year/Interconnection Queue Redesign - BSM Enhancements</p> <ul style="list-style-type: none"> Review Deliverability Redesign BSM Enhancements and Tariff Revisions
09-20-19	Joint ICAP WG/MIWG/PRLWG	<p>Class Year/Interconnection Queue Redesign – BSM Enhancements</p> <ul style="list-style-type: none"> Detailed Proposals for Deliverability Redesign BSM Enhancements Review of Proposed BSM-related Tariff Revisions
09-24-19	Joint ICAP WG/MIWG/PRLWG/ESPWG	<p>CRIS Expiration Rules</p> <ul style="list-style-type: none"> Detailed Proposal for Changes to CRIS Expiration Rules Review of Proposed CRIS Expiration Tariff Revisions
10-01-19	Joint TPAS/ICAP WG	<p>Class Year/Interconnection Queue Redesign</p> <ul style="list-style-type: none"> Review Incremental Revisions to Proposals and Tariff Revisions for Proposals for Deliverability Redesign and Class Year Study Efficiencies

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Deliverability Redesign

Projects Requiring Additional SDU Study

- BSM Forecast Assumptions
 - If a project electing to pursue additional SDU studies outside the Class Year Study process completes the SDU studies prior to completion of Class Year:
 - The additional SDU project would be able to rejoin the Class Year with their cost allocated SDU and would be included in BSM forecast in the same manner as other Examined Facilities under current rules
 - Project would be required to continue data submissions needed for BSM evaluations
 - If the project does not complete the additional SDU studies prior to completion of the Class Year:
 - It will not be included in the BSM forecast for projects remaining in the current Class Year

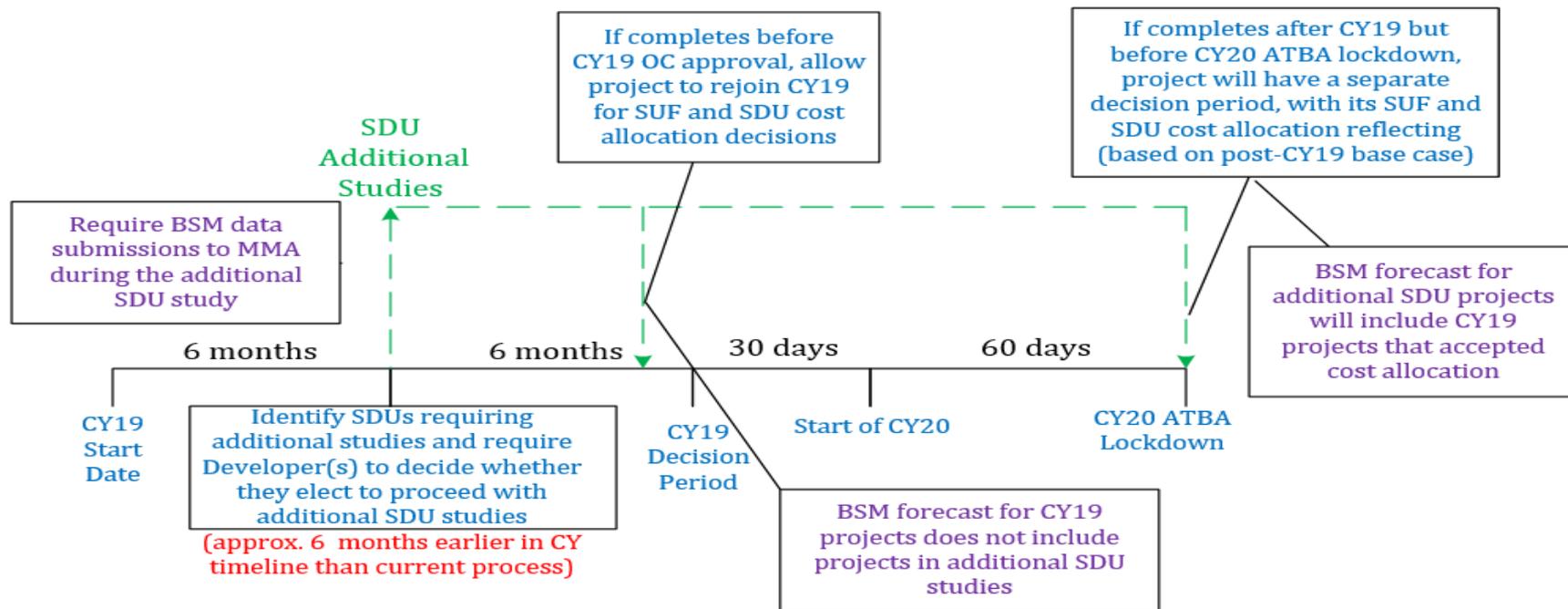
Deliverability Redesign

Projects Requiring Additional SDU Study (continued)

- BSM Forecast Assumptions
 - If the project completes the additional SDU after the Class Year it originally entered but before the subsequent Class Year ATBA lockdown:
 - The additional SDU project will have a separate decision process
 - Projects that remained in previous Class Year and accepted cost allocation will be included in forecast for additional SDU project
 - Projects in the ongoing Class Year will not be included in the forecast for the additional SDU decision period

Deliverability Redesign

BSM Schedule in Relation CY Schedule



Mini Deliverability Study

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Deliverability Redesign

Mini Deliverability Study

- Data required for BSM evaluations must be received and deemed complete prior to the “mini” deliverability start date
- The starting capability year of the Mitigation Study Period for facilities being evaluated in the “mini” deliverability study will be the same as the starting capability year for Examined Facilities in the on-going Class Year
 - Currently, the starting Capability Period for all Examined Facilities is assumed to be 3 years from the start of the Class Year
 - The 2020 BSM Mitigation Study Period enhancement project will consider changes to the Starting Capability Period

Deliverability Redesign

Mini Deliverability Study (continued)

- The BSM evaluation for facilities being evaluated in the “mini” deliverability study will be performed in parallel with the “mini” deliverability study
 - Projects that remained in completed Class Years or completed Additional SDU Studies and accepted cost allocation will be included in forecast for “mini” deliverability study
 - Projects in ongoing Class Year and ongoing Additional SDU Studies will not be included in BSM forecast for projects in the “mini” deliverability study
 - Projects requesting CRIS in the “mini” deliverability study will have to have ERIS before requesting CRIS, and thus are more likely to go in-service prior to projects in the ongoing Class Year

Deliverability Redesign

Mini Deliverability Study (continued)

- Facilities being evaluated in the “mini” deliverability study will be eligible to request a Competitive Entry Exemption or Renewable Exemption
 - Renewable Exemptions will be limited to eligible “Exempt Renewable Technologies”, as identified by the NYISO each ICAP Demand Curve Reset filing year
 - Case specific analysis of facilities that are not an Exempt Renewable Technology will not be performed during a “mini” deliverability study
 - Renewable Exemptions in “mini” deliverability study **and Additional SDU studies that share a common Mitigation Study period** will count towards the proposed 1,000 MW Class Year Cap
 - **See next slide for further details**
- Facilities being evaluated in the “mini” deliverability study will not be eligible to request a Self-Supply Exemption

Red text denotes changes from Sept. 10, 2019 ICAPWG

Deliverability Redesign (new slide)

Mini Deliverability Study (continued)

- A total amount not exceeding 1,000 MW of ICAP may be determined to be exempt pursuant to the Renewable Exemption for all Examined Facilities evaluated using a common Mitigation Study Period
 - The NYISO will allocate the 1,000 MW that is available during each Mitigation Study Period to Examined Facilities in a completed Class Year Study, Additional Deliverability Study and/or mini deliverability study in the order that each of these studies is completed.
 - For example, if 100 MW are awarded in Mini Deliverability Studies prior to the completion of Class Year 2019, then 900 MW will be available for Class Year 2019
 - If the amount of MW associated with multiple eligible projects exceeds the 1,000 MW cap for a given Mitigation Study Period then the NYISO would allocate the remaining MW pro rata
 - For example, if two projects in Class Year 2019 are requesting a total of 1,000 MW and only 900 MW are available (100 were awarded in mini deliverability studies) , then the NYISO would pro rate the remaining 900 MW allocation to each project based on the requested CRIS MW

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Deliverability Redesign

■ Decision Period and BSM Evaluations

- There will be a single decision period upon completion of the “mini” deliverability study (not iterative – only one round)
 - BSM evaluations to be provided by MMA to Examined Facilities upon OC approval
 - MMA will post ICAP input and assumptions on its website by close of business the day of OC approval
 - Developer decisions due 5 Business Days from OC approval of the “mini”
 - Revised BSM determinations to Developers within 10 Business Days after initial decisions period runs
 - Since there will be no change to deliverability costs, remaining developers will be deemed to have accepted their deliverable MW
 - MMU to post report on BSM evaluations within 10 Business days after decision periods runs

Tariff Revisions

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Deliverability Redesign

Tariff Revisions

- See proposed tariff revisions attached to the meeting materials:
 - MST § 23.2
 - MST § 23.4.5.7.2
 - MST § 23.4.5.7.3
 - MST § 23.4.5.7.6
 - MST § 23.4.5.7.9
 - MST § 23.4.5.7.13
 - MST § 23.4.5.7.15

Incremental revisions to the September 10, 2019 ICAPWG posting are highlighted in yellow

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Next Steps

Next Steps

■ Anticipated Schedule Going Forward

- October 18 ICAP WG: if needed, for other tariff revisions
- October 31 TPAS/ICAP WG: Final working group tariff review
- November 6: Business Issues Committee Vote
- November 8: Operating Committee Vote
- November 20: Management Committee Vote
- December 17: Board of Directors Vote
- December 18: Section 205 Filing with FERC
- February 16: FERC order prior to Class Year 2019 Notice of Additional SDU Studies

Feedback?

- Email additional feedback to: jnewton@nyiso.com

Questions?

The Mission of the New York Independent System Operator, in collaboration with its stakeholders, is to serve the public interest and provide benefits to consumers by:

- 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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