

# **Deliverability Tariff Revisions related to Internal Controllable Lines and UCAP Deration Factor Tariff Updates related to Capacity Accreditation**

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# Agenda

- **Internal Controllable Lines (ICL) Tariff Updates**
- **UCAP Deration Factor (UCDF) Tariff Updates**
- **Next Steps**

# Internal Controllable Lines Tariff Updates

# Background

- **As discussed with stakeholders at the 09/30/22 and 10/19/22 ICAPWG/MIWG/TPAS, the NYISO intends to proceed with proposed tariff revisions for the deliverability aspects of the ICL design on a more accelerated timeline than the rest of the ICL market design tariff revisions**
  - This approach will enable these revisions to apply to the Class Year 2023 Deliverability analyses
  - Draft tariff revisions are posted with today's meeting materials

# Revised Tariff Sections

## ■ OATT Section 25.7.3

- Added description that a proposed Class Year Transmission Project that is requesting CRIS for UDRs must be deliverable throughout the Capacity Region to which it proposes to inject Energy and throughout the Capacity Region from which it proposes to withdraw Energy

## ■ OATT Section 25.7.8.2.1.3

- Clarification that CRIS MW requested by a Class Year Transmission Project seeking UDRs will represent Installed Capacity at the point of injection
- Description that the CRIS MW requested by a Class Year Transmission Project or held by an existing facility with UDRs will not be derated at the point of injection (i.e., sink) for the deliverability analysis
  - However, the withdrawal capability (i.e., source) of such a facility that is internal to the NYCA will be modeled in the deliverability analysis at the MW of CRIS plus losses of the facility expected to occur at its CRIS injection level

# Revised Tariff Sections (cont'd)

## ■ OATT Section 25.7.8.2.1.13

- Description that CRIS for Class Year Transmission Projects seeking UDRs is modeled as negative generation
- A minor incremental clarification from the version approved at the November BIC and OC is included in the version posted with today's MC materials
  - “For a Class Year Transmission Projects seeking UDRs, the MW of requested CRIS **plus losses of the facility** at the point of ~~injection~~ **withdrawal** are modeled as negative generation in the Capacity Region (i.e., as a proxy generating facility withdrawing power from the New York State Transmission System in the Capacity Region.)”

## ■ OATT Section 25.7.8.2.2.2

- Revisions mirror those in 25.7.8.2.1.3

# UCDF Tariff Updates

# Background

- **Deliverability studies utilize a derated generator capacity incorporating availability**
  - This derated generator capacity is based on the unforced capacity (UCAP) or Net UCAP, as applicable, of each resource and is referred to as the UCAP Deration Factor (UCDF)
- **With the establishment of Capacity Accreditation Factors (CAFs), revisions are required to the provisions of OATT Attachment S regarding the calculation of the UCDF in the Class Year Deliverability Study and Expedited Deliverability Study**
- **As part of the deliverability-related tariff revisions to be filed as part of the ICL initiative, NYISO proposes to include revisions to the UCDF tariff provisions in Attachment S to the OATT**
- **Draft tariff revisions are posted with today's meeting materials**



# Revised Tariff Sections

## ■ OATT Section 25.7.8.2.1.3

- UCAP Deration Factors (UCDF) for generating facilities in the Class Year Deliverability Study
- Revisions to detail the methodology for evaluating CRIS for Class Year Transmission Projects
  - Will not be derated at the point of injection (sink) for the deliverability analysis
  - Withdrawal capability (source) that is internal to the NYCA will be modeled in the deliverability analysis at the MW of CRIS plus losses of the facility expected to occur at its CRIS injection level
- Added description of UCDF calculation methods for Intermittent Power Resources and Limited Control Run of River Hydro

# Revised Tariff Sections (cont'd)

## ■ OATT Section 25.7.8.2.1.13

- Revisions to detail the methodology for deliverability testing in the Class Year Deliverability Study for Class Year Transmission Projects internal to the NYCA
  - “the MW of requested CRIS **plus losses of the facility** at the point of **injection/withdrawal** are modeled as negative generation in the Capacity Region (i.e., as a proxy generating facility withdrawing power from the New York State Transmission System in the Capacity Region.)”

## ■ OATT Sections 25.7.8.2.2.2 and 25.7.8.2.2.13 apply the same revisions to the Expedited Deliverability Study

- Mirroring incremental revision from the BIC/OC version described on slide 6 is included in Section 25.7.8.2.2.13 posted with today’s meeting materials

# Next Steps

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## ■ Internal Controllable Lines Tariff and Manual Updates

- December 2022
  - Propose draft TEI manual revisions for vote at December BIC and OC
- January 2023
  - File stakeholder and board-approved deliverability tariff revisions with FERC
    - The NYISO will plan to describe in the FERC why we are filing this subset of tariff revisions earlier than the rest of the ICL market design tariff revisions

## ■ UCDF Tariff Updates

- January 2023
  - File stakeholder-approved deliverability tariff revisions with FERC in the same Section 205 filing as the ICL tariff revisions

# Questions?