

# Key Study Assumptions For the Indian Point Reliability Assessment

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# Indian Point Reliability Assessment

- Initiated by the NYISO to provide information to stakeholders prior to the 2018 RNA.
- Objective: Determine whether a reliability need can result from the deactivation of Indian Point Units 2 and 3 in the near-term planning horizon.
- The 2018 RNA will evaluate the reliability of the system for the entire 10-year planning horizon, and the 2018 CRP will document the plan to address identified reliability needs, if any.

# Indian Point Reliability Assessment

- Study scope is consistent with requirements of a Generator Deactivation Assessment.
- The NYISO will evaluate the Bulk Power Transmission Facilities (BPTFs) and the NYISO is coordinating analysis by the TOs of the non-BPTF portion of the system.
- Assessment is expected to be completed in Q4, 2017.

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# Assumed Deactivation Date

- Indian Point Unit 2 - April 2020
- Indian Point Unit 3 - April 2021
  
- **Assessment will be performed out to Year 6 (2023)**
  - Equivalent to Year 5 of the 2018 Reliability Planning Process cycle

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# Load Forecast and Transmission System Assumptions

- **2017 Gold Book Baseline Load Forecast**
  - 2023 Summer Peak = 33,096 MW
- **2017 Gold Book Existing Transmission Facilities**
- **Transmission Projects that meet inclusion rules (RPP Manual, Section 3.1):**
  - the project is expected to be in service within 3 years or other reasonable timeframe based on the nature of the project, and
  - the project has an application that has been deemed complete for a certificate under Article VII of the New York Public Service Law or other major regulatory approval, if required, and
  - the project has an approved SRIS/SIS (as applicable), if required
- **No major changes to transmission project assumptions from the 2016 CRP**

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# Generation Additions

- CPV Valley Energy Center (Zone G, 677 MW, COD 2/2018)
- Cricket Valley Energy Center (Zone G, 1,020 MW, COD 01/2020)
- Bayonne Energy Center II (Zone J, 120 MW, COD 02/2018)
- Existing units no longer modeled as deactivated:
  - Ginna (Zone B)
  - FitzPatrick (Zone C)
  - Cayuga (Zone C)

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# Import/Export Updates

- **Hudson Transmission Project scheduled at 0 MW**
  - Based on cancellation of Firm Transmission Withdrawal Rights in PJM
- **Operational Base Flow (OBF) on the ABCJK PARs will not be modeled**
  - Based on PJM Joint Operating Agreement

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# Questions?

We are here to help. Let us know if we can add anything.



## 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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