



# 2016 Comprehensive Reliability Plan (CRP) Report

**Laura Popa**

*Manager, Reliability Planning  
New York Independent System Operator*

**Management Committee**

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*KCC*

# Outline

- *Reliability Planning Process (RPP) Overview*
- *The 2016 Comprehensive Reliability Plan (CRP) Report Highlights and Conclusions*
- *Stakeholder Review Process*
- **Presentation objective: seeking MC recommendation that the NYISO Board approve the 2016 CRP**

# Reliability Planning Process (RPP)

- ◆ The NYISO RPP is a two-year process and an integral part of the NYISO's overall Comprehensive System Planning Process (CSPP).
- ◆ During the RPP, the NYISO conducts the Reliability Needs Assessment and the Comprehensive Reliability Plan.



# 2016 RPP Major Developments

- ◆ **The CRP Report summarizes the 2016 RNA findings and subsequent developments leading to the elimination of the Reliability Needs:**
  - ***October 18, 2016: 2016 RNA Approved***
    - **2016 RNA Findings: two Reliability Needs identified in NYSEG (Oakdale 345/115 kV) and PSEG-LIPA (East Garden City to Valley Stream 138 kV line)**
  - ***November 7, 2016 ESPWG: NYSEG and PSEG-LIPA presented Local Transmission Plans and operational procedures, eliminating the two Reliability Needs***
    - **Therefore, no need for the NYISO solicit solutions under the 2016 CRP**
    - **No new analysis or scenarios were performed for this 2016 CRP**

# 2016 CRP Conclusions

- ◆ **Under the conditions studied in the 2016 RNA, the New York State Bulk Power Transmission Facilities meets all applicable Reliability Criteria over the 2017 through 2026 Study Period.**

# 2016 CRP Risk Factors

- ◆ **The CRP Report summarizes risk factors and potential developments, such as:**
  - ***Changes to System Resources***
  - ***Status of Local Transmission Owner Plans***
  - ***Changes to System Performance***
  - ***Changes to System Load Level***
  - ***Natural Gas-Electric Coordination***
  - ***Federal and State Environmental Regulations***

# 2016 CRP Actions

- ◆ **The CRP Report summarizes the CRP recommended actions:**
  - ***Monitor and track potential new developments***
  - ***Monitor and track Transmission Owner Plans***
  - ***Continue coordination with the NYS Public Service Commission***
  - ***Monitor changes that could impact risk factors***

# 2016 CRP Stakeholder Review Process

- ◆ **The NYISO presented the draft 2016 CRP Report at the February 23, 2017 and March 7, 2017 ESPWG/TPAS meetings**
- ◆ **On March 16, 2017, the OC unanimously recommended to the MC to recommend that the NYISO Board approve the 2016 CRP**



# 2016 CRP: Next Steps

- ◆ **April 2017 – if approved by the MC, submit the 2016 CRP to the NYISO Board for approval**

**The mission of the New York Independent System Operator, in collaboration with its stakeholders, is to serve the public interest and provide benefit 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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