

# **Comprehensive Reliability Planning Process (CRPP) Implementation and Scenarios**

By

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**Draft For Discussion Purposes Only**

# NYISO CRPP: Base Case Setup and Analysis

- Initial Development of Base Cases for Ten Year Period
  - Base Case Inclusion Rules And Screening Completed
  - Second Five Year Period Continues From First Five Year Base Case Assumptions and Includes Only Load Forecast and Retirement Updates
  - Mid Term Case Projected Back and Out, Compared With Short Term Cases
  - Base Case Setup Done For All Ten Years
  - Base Case Checks Done Through Years 2013
  - Still Fine Tuning PJM Representation

# NYISO CRPP: List of Proposed Scenario Analyses

- Load Forecast Uncertainty – Base, Low, High as Required S,A
- Fuel Mix/Diversity/Gas Infrastructure - S
- Nuclear Retirement Scenarios
  - Indian Point 2 & 3 S,A
  - Plant License Non Renewal S
- Coal Retirement Scenarios
  - Older Plants S,A
  - Add Newer NY Plants and Neighbor System Retirements S
- TO Projects S,A
- Additional Resources
  - Large Remote Units S,A
  - RPS Impacts and Demand Side Programs S,A
- Neighboring System Delivery Schedules
  - PAR Schedules ( ABC Lines ) S,A
  - Tie Assistance and External ICAP S,A

**NEW YORK ISO COMPREHENSIVE PLANNING PROCESS FOR RELIABILITY NEEDS  
TIMELINE**

ID	Task Name	Begin	End	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug			
1	<b>NYISO COMPREHENSIVE RELIABILITY PLANNING PROCESS</b>	<b>January</b>	<b>June</b>	[Summary bar from Jan to Jun]																							
2	<b>Submission of Data Inputs</b>	<b>January</b>	<b>February</b>	[Summary bar from Jan to Feb]																							
3	TOs Submit Transmission Plans	January	February	[Task bar]																							
4	Neighboring Control Area Assessments	January	February	[Task bar]																							
5	Transmission Owner Input	January	February	[Task bar]																							
6	Stakeholder Input	January	February	[Task bar]																							
7	<b>Develop Base Case &amp; Scenarios</b>	<b>March</b>	<b>March</b>	[Summary bar from Mar to Mar]																							
8	Develop Base Case	March	March	[Task bar]																							
9	Develop Scenarios	March	March	[Task bar]																							
10	<b>Reliability Needs Assessment</b>	<b>April</b>	<b>August</b>	[Summary bar from Apr to Aug]																							
11	Load & Capacity Data Book Screening Process	April	August	[Task bar]																							
12	Transmission Adequacy Assessment	April	August	[Task bar]																							
13	Develop MW Transfer Capability for Resource Delivery	April	August	[Task bar]																							
14	Resource Adequacy Assessment	April	August	[Task bar]																							
15	Short Circuit Assessment	April	August	[Task bar]																							
16	Baseline Reliability Needs Assessment	April	August	[Task bar]																							
17	Evaluation of Alternate Reliability Scenarios	April	August	[Task bar]																							
18	Perform Sensitivity Studies	April	August	[Task bar]																							
19	RNA Draft Report Preparation	April	August	[Task bar]																							
20	<b>RNA Review &amp; Approval Process</b>	<b>September</b>	<b>December</b>	[Summary bar from Sep to Dec]																							
21	TPAS & ESPWG Review of Draft RNA	September	September	[Task bar]																							
22	OC / MC RNA Vote	October	October	[Task bar]																							
23	NYISO BOD Action on RNA & Independent Market Advisor Review	November	November	[Task bar]																							
24	Issue / Post Final RNA	November	November	[Task bar]																							
25	Conduct Public Information Sessions	November	December	[Task bar]																							
26	<b>Development of Solutions to Reliability Needs</b>	<b>December</b>	<b>January</b>	[Summary bar from Dec to Jan]																							
27	Request Proposal for Regulated Backstop Solution	December	January	[Task bar]																							
28	Conduct Two Step Process for Response Solicitation	December	January	[Task bar]																							
29	Assess Submittals for Procedural Solutions to Reliability Needs	December	January	[Task bar]																							
30	<b>NYISO Evaluation of Proposed Solutions</b>	<b>February</b>	<b>March</b>	[Summary bar from Feb to Mar]																							
31	Evaluation of Regulated Backstop Solution	February	March	[Task bar]																							
32	Evaluation of Market Based Proposals	February	March	[Task bar]																							
33	Evaluation of Alternative Regulated Responses (With PSC)	February	March	[Task bar]																							
34	NYISO to Identify & Resolve Deficiencies in Proposed Solutions	February	March	[Task bar]																							
35	NYISO Recommends Regulated Backstop Solution	February	March	[Task bar]																							
36	NYISO Cost Allocation Analysis	February	March	[Task bar]																							
37	Prepare Draft CRP	March	March	[Task bar]																							
38	<b>CRP Review &amp; Approval Process</b>	<b>April</b>	<b>June</b>	[Summary bar from Apr to Jun]																							
39	TPAS & ESPWG Review of Draft CRP	April	April	[Task bar]																							
40	OC / MC CRP Vote	May	May	[Task bar]																							
41	NYISO BOD Action on CRP / Independent Market Advisor Review	June	June	[Task bar]																							
42	Issue / Post Final CRP	June	June	[Task bar]																							

Project: NYISO CRPP Timeline Rev 3

Task



Milestone ◆

Summary

