



PJM RTO Wide Black Start RFP Process

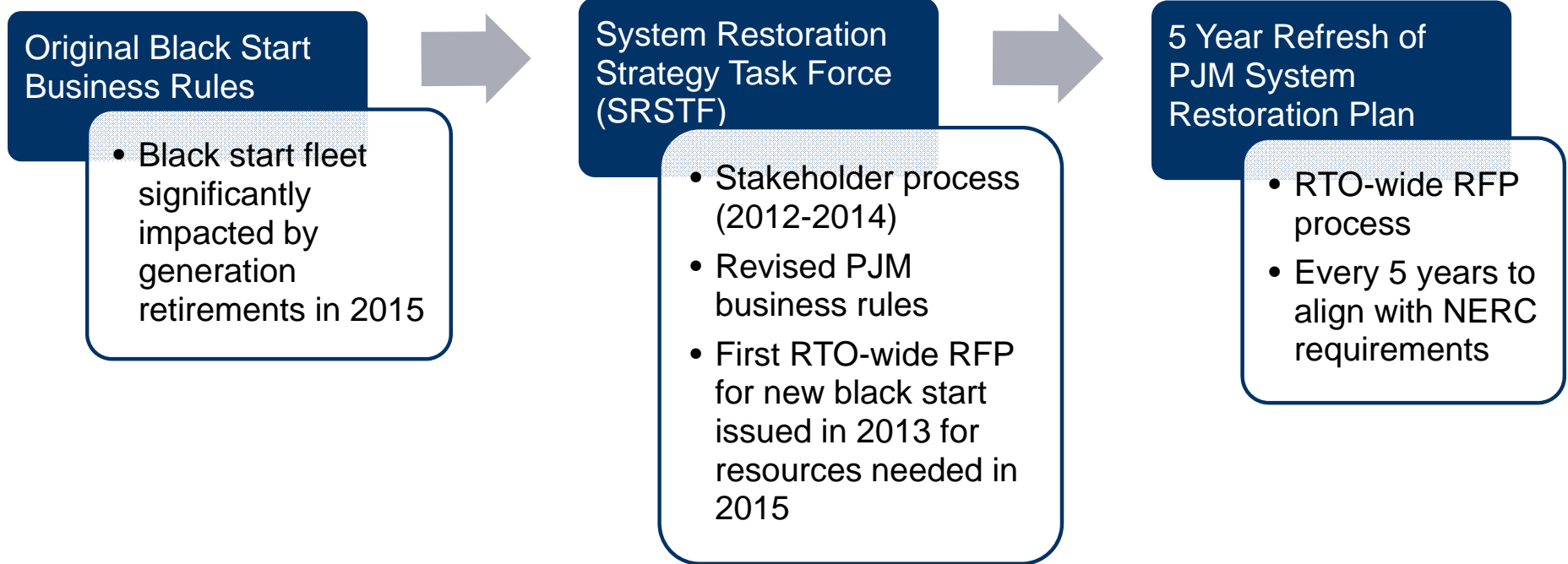
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Market Implementation Committee
January 10, 2018



- RTO Wide Black Start RFP Process Background
- Recent Enhancements
- RFP Process Overall Timeline
- Current RFP Milestone Schedule



PJM RTO Wide RFP Process Background





RTO Wide Black Start RFP Key Steps

Communicate

- Initial outreach to PJM stakeholders and states to communicate plan

Evaluate

- Update critical load data for each TO zone with changes since 2015

Procure

- RTO-wide black start RFP process
- Issue every 5 years to align with NERC requirements
- Solicitation for any new black start proposals across RTO

Refresh

- Refresh TO restoration plans based on re-evaluation of existing black start capability in conjunction with considering viable RFP proposals

Implement

- Award any recommended RFP proposals
- Track progress of implementation (4/1/2020)



Recent Enhancements

- **Open Access Transmission Tariff revisions**
 - Added timelines for submittal and review of new black start unit cost documentation
 - Initial black start charges to load based on estimates and then reconciled after actual cost review process
- **Manual M14D revisions**
 - Added details on PJM RFP proposal evaluation criteria
 - Highlighted increased focus on fuel assurance in RFP proposal evaluation
- **Operating Agreement revisions**
 - PJM may share restoration related generator unit parameter data with TOs for restoration planning purposes only
- **eDART black start calculator enhancements**
 - Added functionality for tracking black start / critical load data via eDART



RTO Wide Black Start RFP Overall Timeline

Issue RTO-Wide Black Start RFP

- Feb 1, 2018

RFP Market Window

- Feb 1, 2018 – May 31, 2018

RFP Proposal Evaluation and Award

- June 1, 2018 – December 21, 2018

Black Start RFP Solution Implementation

- November 1, 2018 – April 1, 2020



Current RTO Wide Black Start RFP Milestone Schedule

Milestone	Date
PJM posts RFP	2/1/2018
PJM Conducts Pre-Bid Webex Meeting	2/6/2018
RFP interested parties submit Level 1 proposals	3/8/2018
PJM provides response to Level 1 proposals	3/30/2018
Bidders submit Level 2 proposals	5/31/2018
PJM evaluation and award of viable Black Start Solutions	6/1/2018 – 12/21/2018

Level 1 proposal = Interested parties submit “Notification of Intent to Bid” for one or more proposed black start units - only basic information required (e.g. unit name, location / interconnection point, MW, fuel type)

Level 2 proposal = Bidders provide full RFP proposal with detailed responses completed for identified units



PJM Contact Information for Questions

For questions,

- Contact: blackstart@pjm.com