

5/1/2013 Master Stakeholder Engagement Plan Jan-13 Feb-13 Mar-13 Apr-13 May-13 Jun-13 Jul-13 Aug-13 Sep-13 Oct-13 Nov-13 Dec-13 Jan-14 Feb-14 Mar-14 Apr-14 May-14 Jun-14 Jul-14 Release Phase Initiative Policy Policy Bid Cost Recovery Refinements for Multi-Stage Generation Resources Policy lack Start and System Restoration Phase 2 Capacity Market Conceptual Design Policy Contingency Modeling Enhancements  $\rightarrow$ Policy Policy FERC Order 1000 Compliance - Interregional Requirements Policy Energy Imbalance Market  $\triangle$  $\triangle$ Expanding Metering and Telemetry Options FERC Order 764 Market Changes Policy Policy Flexible Ramping Product esume initiative Policy lexible Resource Adequacy Criteria and Must Offer Obligation Policy nterconnection Process Enhancements (formerly GIP 3) Load Aggregation Point Granularity Policy Revision of Price Corrections Scope  $\wedge$  $\rightarrow$ 2014 Local Capacity Requirements (LCR Study)  $\triangle$ Recurring  $\triangle$ Recurring Recurring Stakeholder Initiatives Catalog Process Recurring PTO Per Unit Cost Transmission Planning Process Recurring LMPM Enhancements Phase 2 mplementation Exceptional Dispatch Mitigation in Real Time Implementation Pay for Performance Regulation Spring 2013 Relea Multi-Stage Generator Modeling Enhancements Phase 3 Implementation Price Inconsistency Market Enhancements Implementation FERC Order 745 Demand Response Net Benefits Test ransmission Constraint Relaxation Parameter Change Access and Identity Management Implementation ommitment Costs Refinements 2012 Implementation Ancillary Services (AS) Buy Back Fall 2013 Release Bid Cost Recovery (BCR) Mitigation Measures mplementation mplementation Post-Emergency Bid Cost Recovery Filing Review Renewable Integration Market & Product Review - Phase 1 Implementation RIMS Generation
Replacement Requirements for Scheduled Generation Outages Phase 2 Spring 2014 Implementation ynamic Transfers (full functionality Fall 2014 Aggregated Pumps and Pump Storage Policy AS Substitution Bid Cost Recovery for Unit over Multiple Days Policy Cost Allocation Overall Market Review Policy Export of AS Policy Multi Day Unit Commitment Multi Hour Block Bidding in RUC Policy Reliability Must-Run Pump Load Policy Start Stakeholder Process Policy Standard Capacity Product Phase 3 Present to Board - Decision Two Tier Real-Time Uplift  $\triangle$ Present to Board - Briefing Implementation Reliability Demand Response Product mplementation Subset of Hours Market Sim - MAP Stage \* Enterprise Model Management Phase 1 Deployment Date Effective Date, if different External Technology Roadmap End of Intiaitve - No Board Outage Management System Phase 3

## Changes on 4/1/13

Moved Expanding Metering and Telemetry Options Board decision to end of the year

FERC Order 1000 Compliance - Interregional Requirements approved by the Board in March 2013. No system changes to be implemented.

Moved Flexible Resource Adequacy Criteria and Must Offer Obligation Board decision to end of the year

Removed Flexible capacity and local reliability resource retention (FLRR) mechanism - rejected by FERC

Removed Circular Schedule interim (activated on 4/1/13 with effective date of 2/1/13)

Removed Settlements Quarterly Release (activated on 4/1/13)

Removed FERC Order 745 Demand Response Net Benefits Test from TBD section (it was already in Spring 2013 release section)

Added RIMS Generation to Fall 2013 Release (move information to be provided via Release Users Group)

Added Capacity Market Conceptual Design initaitive to begin April 2013

Added Demand Response Roadmap initaitive to begin in April 2013

Added Generator Interconnection Procedures Phase 3 initiative to begin in April 2013; Board decision December 2013

## Changes on 4/8/13

Corrected Board decision date for Contingency Modeling Enhancements to September 2013 under Policy section
Corrected Board decision date for Flexible RA Criteria and Must Offer Obligation to November 2013 under Policy section
Changed name of Generator Interconnection Procedures Phase 3 to Interconnection Process Enhancements under Policy section
Added Load Aggregation Point Granularity initiative to begin May 2013; possible Board decision December 2013 under Policy section
Moved Board decision on Interconnection Process Enhancements to September 2013; stakeholder process will continue on remaining topics.

## Changes on 5/1/13

Moved start icon on Capacity Market Conceptual Design intiative to June 2013 under Policy section

Moved Board decision icon on Flexible RA Capacity and Must Offer Obligation to December 2013 under Policy section

Added Revision of Price Corrections Scope initiative to Policy section; Board decision September 2013

Removed Deliverability for Distributed Generation FERC Compliance from Policy section; compliance filing filed 4/15/13

Moved activation of FERC Order 755 Pay for Performance from May 1, 2013 to June 1, 2013 and extended market simulation

LMPM Phase 2 and Exceptional Dispatch Mitigation in Real Time activation occurred on 5/1/13

Multi-Stage Generator Modeling Enhancements Phase 3 activation occurred on 5/1/13

Price Inconsistency Market Enhancements activation occurred on 5/1/13

Replacement Requirements for Scheduled Generation Outages Phase 2 (automation) moved from Spring 2013 release to Fall 2013 release