





Master Stakeholder Engagement Plan

Initiative	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	Aug-14	Sep-14	Oct-14	
Administrative Pricing Rules																							
Bid Cost Recovery Refinements for Multi-Stage Generation Resources																							
Black Start and System Restoration Phase 2																							
Contingency Modeling Enhancements																							
Energy Imbalance Market - Governance																							
Expanding Metering and Telemetry Options																							
Flexible Ramping Product																							
Flexible Resource Adequacy Criteria and Must Offer Obligation																							
Full Network Model Expansion																							
Interconnection Process Enhancements																							
Load Aggregation Point Granularity																							
Intermittent Resource Transitional Protective Measure																							
Outage Management System Replacement																							
Multi-Year Reliability Framework																							
Competitive Transmission Improvements																							
Voluntary Preferred Resource Auction																							
Reliability Auction Services																							
2014 Local Capacity Requirements (LCR Study)																							
GMC / Budget Process																							
Stakeholder Initiatives Catalog Process																							
PTO Per Unit Cost																							
Transmission Planning Process																							
Access and Identity Management																							
Replacement Requirements for Scheduled Generation Outages Phase 2 (automation)																							
RIMS Generation																							
GMT (tentative)																							
FERC Order 764 Market Changes																							
PIRP Protective Measures																							
Post-Emergency Bid Cost Recovery Filing Review																							
Renewable Integration Market & Product Review - Phase 1																							
Mandatory MSG																							
Bid Cost Recovery (BCR) Mitigation Measures																							
Contingency Modeling Enhancements																							
Revisions to Price Correction Requirements																							
Reliability Demand Response Product																							
Energy Imbalance Market																							
Full Network Model Expansion																							
Flexible Resource Adequacy Criteria and Must Offer Obligation																							
Circular Scheduling																							
any Substitution																							
Outage Management System Replacement																							
Aggregated Pumps and Pump Storage																							
AS Substitution																							
Bid Cost Recovery for Unit over Multiple Days																							
Capacity Market Conceptual Design																							
Cost Allocation Overall Market Review																							
Marginal Loss Surplus Allocation																							
Multi Day Unit Commitment																							
Reliability Must-Run Pump Load																							
Standard Capacity Product Phase 3																							
Two Tier Real-Time Uplift																							
DRS api																							
ADS UI replacements																							
Commitment Costs Refinements 2012																							
Subset of Hours																							
Enterprise Model Management																							
External Technology Roadmap																							

Legend	
	Start Stakeholder Process
	Present to Board - Decision
	Deployment Date
	Effective Date, if different
	Market Sim - MAP Stage

Changes on 5/1/13

Moved start icon on Capacity Market Conceptual Design initiative 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

Changes on 6/4/13

Deleted FERC Order 1000 - Interregional Requirements from Policy section; approved by Board, pending FERC response

Added Board briefing icon in July on FERC Order 764 Market Changes under Policy section - briefing on PIRP protective measures
Changed name of Revision of Price Corrections Scope to Revision to Price Correction Requirements under Policy section
Moved Load Aggregation Point Granularity start icon to June 2013 under Policy section
Moved Capacity Market Conceptual Design initiative from Policy to TBD section
Added Full Network Model Expansion initiative to Policy section; Board decision November 2013
Moved Access and Identity Management implementation from Spring 2013 to Fall 2013
Removed Spring 2013 Release (completed)
RIMS Generation deployment date is to be determined
Removed Export of AS from TBD list
Added PIRP Logic Change to Fall 2013 Release

Changes on 7/1/13

Draft DR Roadmap posted
Added Multi-Year Reliability Framework as new policy initiative
Circular Scheduling implementation moved from Fall 2013 release to Spring 2014 release (tariff is effective as of 2/1/2013 with interim solution)
Added FERC Order 764 to Spring 2014 release
Added Energy Imbalance Market to Fall 2014 release
Changed Fall 2013 Release date to 11/1/2013
Changed dates for independent efforts with Fall 2013 Release

Changes on 8/1/13

Moved Outage Management System Phase 3 from TBD to Fall 2014 release
Moved Reliability Demand Response Product from Technology Roadmap to Spring 2014 release
Changed Board decision date of Contingency Modeling Enhancements from September 2013 to November 2013
Changed Board decision date of Full Network Model Expansion from November 2013 to December 2013
Added FERC Order 755 report and CMRI CRN report to Fall 2013 release
Added DRS api for Registration (tentative) for December 2013
Added GMT (tentative) for December 2013
Added ADS UI replacement as part of FERC Order 764 in Spring 2014 release
Added Full Network Model Expansion implementation to Fall 2014 release

Added Flexible Resource Adequacy Criteria and Must Offer Obligation implementation to Fall 2014 release (effective date is 1/1/2015)
Added PIRP Protective Measures as a policy initiative starting in August 2013
Moved start of Load Granularity Refinements initiative to August 2013
Indicated start of Stakeholder Initiative Catalog to start in September 2013
Added Reliability Service Auction as a policy initiative starting in September 2013

Changes on 9/4/13

Changed Board decision date of Contingency Modeling Enhancements from November 2013 to December 2013
Deferred the following projects from Fall 2013 to Spring 2014: Post-Emergency Bid Cost Recovery Filing Review, Renewable Integration Market & Product Review - Phase 1, Mandatory MSG, Bid Cost Recovery (BCR) Mitigation Measures, and DRS api
Added second drop for Replacement Requirements for Scheduled Generation Outages Phase 2 (automation) in December 2013
Removed PIRP Logic Change project, which is cancelled
Added Contingency Modeling Enhancements implementation to Spring 2014 release
Removed December Board decision for Administrative Pricing Rules; revised Board decision date pending.
Removed Dynamic Transfers as a separate implementation project as all requirements are addressed in the FERC 764 project implementation

Changes on 10/1/13

Added Outage Management System Replacement as policy initiative

Moved Revisions to Price Corrections Process from Policy to Spring 2014 Release

Moved PIRP Protective Measures from Policy to Spring 2014 Release

Moved Circular Scheduling from Spring 2014 Release to Fall 2014 Release

Access and Identity Management deployment and activation delayed from August 2013 to October 2013

Flexible Resource Adequacy Criteria and Must Offer Obligation Board decision moved from December 2013 to February 2014

Added November 2013 Board decision for additional topics (1 & 2) of Interconnection Process Enhancements for queue management

Added Reliability Auction Services policy initiative starting in November 2013

Removed Demand Response Roadmap (draft posted in June 2013 and final to be posted in October; but not a policy initiative)

Added Bid Cost Recovery Refinements for Multi-Stage Generation Resources to start in Jan 2014

Indicated that Expanding Metering and Telemetry Options will have a Board briefing in December 2013 and then will proceed to second phase

Changes on 11/1/13

Moved DRS api from Spring 2014 release to TBD

Added Many-to-Many Substitution to Fall 2014 release

Deferred AIM Release 1 deployment

Moved Contingency Modeling Enhancements Board decision from December 2013 to February 2014

Moved Outage Management System Replacement Board decision from December 2013 to February 2014

Added EIM Governance with Board decision in December 2013

Moved start of Bid Cost Recovery Refinements for Multi-Stage Generation Resources policy from January 2014 to February 2014

Resuming Administrative Pricing Rule policy initiative in January 2014 with Board decision in June 2014

For Interconnection Process Enhancements, added third Board decision in March 2014

Changes on 12/1/13

Moved Full Network Model Expansion Board decision from December 2013 to February 2014

Fall 2013 Release deployed: Commitment Costs 2012, AS Buy Back, FERC Order 755 report and CMRI CRN report; remaining projects are independent projects to be deployed by year-end

Added Commitment Costs 2012 to TBD (NOX, OFO scope still outstanding)

Move ADS UI replacement to TBD

Contingency Modeling Enhancements deployment date is TBD

Added Voluntary Preferred Resource Auction policy targeted to start in December 2013

Moved Reliability Auction Services policy start to January 2014

Two Tier Real-Time Uplift - will address after finalizing flexible ramping product cost allocation

Bid cost recovery for units running over multiple operating days -

Will address in conjunction with also considering bid cost recovery netted over shorter periods

Multi-hour Constraints in the Residual Unit Commitment Process -

Will address as part of considering integrated IFM/RUC in Flexible Ramping Product initiative

Ancillary Services Substitution -

Will assess need for initiative based on results of stakeholder initiative catalog process

Default load aggregation point disaggregation -

FERC filing in 2014 Q1 to remove requirement

Added Competitive Transmission Improvements with Board decision in December 2013