

12/8/2014		Master Stakeholder Engagement Plan																									
Release	Phase	Initiative	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-14	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	
Policy Initiatives	Policy	<a href="#">Pricing Enhancements</a>						▲						▲													
	Policy	<a href="#">Contingency Modeling Enhancements</a>															▲										
	Policy	<a href="#">Expanding Metering and Telemetry Options Phase 2</a>											▲														
	Policy	<a href="#">Flexible Ramping Product</a>							▲								▲										
	Policy	<a href="#">Multi-Year Reliability Framework</a>																									
	Policy	<a href="#">Reliability Services</a>	▲															▲									
	Policy	<a href="#">Energy Storage Interconnection</a>						▲										▲									
	Policy	<a href="#">Capacity Procurement Mechanism Replacement</a>						▲										▲									
	Policy	<a href="#">Revisions to ISO Transmission Planning Standards</a>																									
	Policy	<a href="#">Pay for Performance Review and Enhancement</a>										▲		▲													
	Policy	<a href="#">Load Granularity Refinements</a>									▲																
	Policy	<a href="#">Commitment Costs Enhancements Phase 2</a>											▲					▲									
	Policy	Bidding Rules												▲													
	Recurring Initiatives	Recurring	<a href="#">2014 Local Capacity Requirements (LCR Study)</a>																								
		Recurring	<a href="#">GMC / Budget Process</a>																								
Recurring		<a href="#">PTO Per Unit Cost</a>																									
Recurring		<a href="#">Interconnection Process Enhancements 2015</a>																									
Recurring		<a href="#">Stakeholder Initiative Catalog Process</a>																									
Recurring		<a href="#">Transmission Planning Process</a>																									
Independent	Implementation	<a href="#">Flexible Resource Adequacy Criteria and Must Offer Obligation</a>																									
	Implementation	<a href="#">Commitment Costs Enhancements</a>																									
	Implementation	<a href="#">DRS api</a>																									
	Implementation	<a href="#">Many-to-Many Substitution (SCP Availability Calculations)</a>																									
	Implementation	<a href="#">Outage Management System Replacement</a>																									
Spring 2015	Implementation	Maintenance Release																									
	Implementation	<a href="#">Many-to-Many Substitution / App Consolidation</a>																									
	Implementation	Convergence Bidding at the Interties																									
Fall 2015	Implementation	<a href="#">EIM 2015 (NV Energy)</a>																									
	Implementation	<a href="#">EIM Year 1 Enhancements</a>																									
	Implementation	BAL-003 Compliance																									
	Implementation	RIMS Functional Enhancements																									
	Implementation	OMAR Replacement Project																									
	Implementation	ADS UI Replacement and Web Service Standardization																									
	Implementation	<a href="#">Contingency Modeling Enhancements</a>																									
	Implementation	<a href="#">Expanding Metering and Telemetry Options - placeholder</a>																									
	Implementation	<a href="#">Capacity Procurement Mechanism Replacement</a>																									
Implementation	<a href="#">Flexible Ramping Product - placeholder</a>																										
TBD	Policy	Aggregated Pumps and Pump Storage																									
	Policy	AS Substitution																									
	Policy	Bid Cost Recovery for Unit over Multiple Days																									
	Policy	Cost Allocation Overall Market Review																									
	Policy	<a href="#">Marginal Loss Surplus Allocation</a>																									
	Policy	Multi Day Unit Commitment																									
	Policy	<a href="#">Reliability Must-Run Pump Load</a>																									
	Policy	Two Tier Real-Time Uplift																									
	Policy	Frequency Response Procurement																									
	Implementation	Subset of Hours																									
Technology Roadmap	Planning	Enterprise Model Management																									
	Planning	<a href="#">External Technology Roadmap</a>																									

Legend	
▲	Policy - Start
▲	Policy - Board Decision
—	Market Simulation
★	Deployment Date
★	Effective Date, if different

**Changes on 12/8/14**

Moved Outage Management System deployment/activation from 11/1/14 to 2/3/15  
Moved Many-to-Many Substitution (SCP Availability Calculations) deployment/activation from 11/1/14 to 2/3/15  
Moved Commitment Cost Enhancements deployment/activation from 11/1/14 to mid-December 2014  
Moved DRS api deployment/activation from 12/18/14 to 1/27/15  
Removed Circular Scheduling implementation (manual process will remain in place)  
Moved Load Granularity Refinements from March 2015 Board decision to May 2015 Board decision  
Natural Gas Pipeline Penalty Recovery schedule for Board decision in December 2014  
Bidding rules started in December but Board decision date is not yet determined

**Changes on 11/1/14**

Load Granularity Refinements will go to Board in March 2015  
2015 Stakeholder Initiative Catalog will go to Board in Feb 2015  
Removed Full Network Model implementation as complete  
Removed Energy Imbalance Market implementation as complete  
Added FRAC-MOO effective date on 1/1/15  
Added DRS API deployment on 12/15/14  
Opportunity costs has started and is now called "Commitment Cost Enhancements Phase 2". It is targeted for Board decision in March 2015.  
The Capacity Procurement Mechanism Replacement initiative is planned for Board decision in February (moved from January).  
Removed December Board decision from Energy Storage Interconnection initiative.  
Moved Competitive Solicitation Process Enhancements from TBD to Policy section. It started in October and will go to the March 2015 Board meeting.  
Start of Bidding Rules policy initiative moved from October to November.

**Changes on 10/2/14**

Moved EIM Enhancements from Policy section to implementation (EIM in Fall 2014 Release)  
Removed Commitment Cost Enhancements from Policy section as it was approved by the Board (see Independent Releases for implementation)  
Removed Transmission planning standards from Policy section as it was approved by the Board  
Removed FERC 789 / Contingency Reserve Cost Allocation as it is complete.  
Removed Acceptable Use Policy Phase 1 & 2 as it is complete.  
Moved FNM Expansion activation from 10/1/14 to 10/15/14  
Moved EIM full deployment from 10/1/14 to 11/1/14 (with Parallel Production from 10/1/14 to 11/1/14)  
Moved OMS deployment from 10/1/14 to 11/1/14 with EIM and 12/1/14 for tariff section 9 changes  
Moved Many-to-Many Substitution (SCP Availability Calculations) activation from 10/1/14 to 12/1/14 (with OMS tariff section 9 changes)  
Removal of Standard Capacity Product Phase 3 from TBD section. The RSI initiative will include the demand response related to SCP 3.  
Moved Subset of Hours from Fall 2015 Release to TBD section. It is subject to further release planning.  
Added Opportunity Costs Board decision of March 2015  
Added implementation date of 12/1/14 for Commitment Cost Enhancements  
Moved Frequency Response Procurement from Policy to TBD section  
Added Natural Gas Pipeline Penalty Recovery initiative to Policy section  
Added EIM Year 1 Enhancements to Policy section

**Changes on 9/2/14**

Added Outage Management System to Independent Releases with 12/1/14 deployment, in addition to the 10/1/14 deployment with the Fall 2014 Release  
Reliability Services target Board decision in March 2015  
Flexible Ramping Product Board decision moved to February 2015  
Updated policy initiative the Energy Storage Roadmap and show it starting in July 2014 and ending in December 2014  
Contingency Modeling Enhancements target Board decision in March 2015  
Opportunity costs starting in October 2014 and targeted for Feb 2015 Board decision  
Moved start of Bidding Rules to October 2014

**Changes on 8/1/14**

Added Capacity procurement mechanism replace to Fall 2015 release (instead of Reliability Services Initiative - placeholder)  
Added Contingency Modeling Enhancements to Fall 2015 release

Added Commitment Cost Enhancements to Independent Releases (schedule to be determined)  
Moved Contingency Reserve Cost Allocation from Policy phase (approved) to Fall 2014 release  
Renamed BAL-002 Compliance to FERC 789 / Contingency Reserve Cost Allocation in Fall 2014 release  
Removed Interconnection Process Enhancements from Policy Phase (approved)  
Moved Interconnection Process Enhancements 2015 from TBD to Recurring Policy  
Added Pay for Performance Review and Enhancement to Policy section - planned to start in August 2014  
Added Load Granularity Refinements to Policy section - planned to start in August 2014  
Added Bidding Rules to Policy section - planned to start in August/September 2014  
Added Frequency Response Procurement to Policy section - planned to start in August/September 2014  
Added Stakeholder Initiative Catalog Process to Recurring Initiatives - planned to start in August/September 2014  
Added Combined Demand Response Product to Policy Initiatives - planned to start in August/September 2014

#### **Changes on 7/1/14**

Acceptable Use Policy Phase 1 and 2 implementation - Mutual Authentication deployed to production June 16; additional services identified for enforcement; analysis of services requiring refactoring underway  
Pricing Enhancements - added Board decision date of December 2014  
Added Interconnection Process Enhancements with Board decision for topics 13 and 14 in July 2014  
Contingency Modeling Enhancements - Board decision date is to be determined and implementation removed until release is determined  
Changed the start of the Energy Storage Interconnection policy initiative to April 2014 and the end to November 2014  
Moved Competitive Solicitation Process Enhancements policy initiative to the TBD section  
Added Capacity Procurement Mechanism Replacement with Board decision planned for January 2015  
Added Interconnection Process Enhancements 2015 to TBD section

#### **Changes on 6/2/14**

Removed Interconnection Process Enhancements as approved in May 2014  
Added EIM Enhancements policy initiative to start in Q2 2014  
Moved start dates for following policy initiatives to June 2014: Flexible Ramping Product, Pricing Enhancements  
Policy initiatives to start in Q2 2014: Competitive Solicitation Process Enhancements, Energy Storage Interconnection  
Acceptable Use Policy implementation dates moved to 5/27/14 (OASIS) and 6/16/14 (mutual authentication)  
Moved Flexible Resource Adequacy Criteria and Must Offer Obligation implementation to independent release with deployment date of 11/6/14  
Phased Many-to-Many Substitution with Fall 2014 release to include SCP Availability Calculations functionality  
Added Many-to-Many Substitution / App Consolidation to Spring 2015 release  
Added activation of Convergence Bidding at the Interties to Spring 2015 release  
Added EIM 2015 (NV Energy) to Fall 2015 release  
Added BAL-003 Compliance to Fall 2015 release  
Moved Subset of Hours from TBD to Fall 2015 release  
Added RIMS functional enhancements to Fall 2015 release  
Added OMAR replacement project to Fall 2015 release  
Moved ADS UI Replacement and Web Service Standardization from TBD to Fall 2015 release  
Capacity Market Conceptual Design from TBD section (replaced by Reliability Services Initiative)  
Moved DRS api from TBD to Independent Releases (late summer or Fall 2014)  
Added implementation placeholders to Fall 2015 Release that are currently in the policy phase: Expanding Metering and Telemetry Options, Reliability Services, Flexible Ramping Product  
Moved Contingency Modeling Enhancements Board decision from July 2014 to September 2014 (tentative)

#### **Changes on 5/5/14**

Removed Spring 2014 Release as complete  
Moved Acceptable Use Policy Phase 1 & 2 from Spring 2014 Release to Independent Release (no change in dates)  
Moved Circular Scheduling from Fall 2014 Release to Spring 2015 Release  
Removed columns from 2013  
Removed GIDAP Reassessment Process from Policy section as complete  
Moved start of next phase of Expanding Metering and Telemetry Options policy to October 2014  
Removed Voluntary Preferred Resource Auction (no longer valid)  
Added Variable Transmission Constraint Relaxation Parameters to the policy section  
Added Pricing Enhancements to the policy section  
Added Transmission Planning Standards Board decision in September 2014  
Added Energy Storage Interconnection Board decision in December 2014

**Changes on 4/1/14**

Administrative Pricing Rules targeted to start April 2014 (was February 2014)  
Flexible Ramping Product targeted to restart May 2014 (was March 2014)  
Revisions to ISO transmission planning standards targeted to start April 2014  
Commitment Cost Enhancements targeted to start April 2014  
Contingency Reserve Cost Allocation targeted to start April 2014  
Energy Storage Interconnection targeted to start April 2014  
Removed Flexible Resource Adequacy Criteria and Must Offer Obligation from policy section (approved); implementation Fall 2014 Release  
Removed Interconnection Process Enhancements from policy section  
Removed Competitive Transmission Improvements from policy section  
Removed Stakeholder Initiatives Roadmap from policy section  
Removed Intermittent Resource Transitional Protective Measure from policy section  
FERC 784 deployed on 3/24/14 (removed)  
One-For-Many Outage Substitution deployed on 4/1/14 (removed)  
Remaining projects in Spring 2014 Release deployment/activation moved from 4/1/14 to 5/1/14  
Acceptable Use Policy Phase 1 activation moved from 5/1/14 to 5/19/14

**Changes on 3/1/14**

Removed Load Aggregation Point Granularity from Policy Section  
Removed Full Network Model Expansion from Policy Section (approved)  
Removed Outage Management System from Policy Section (approved)  
Moved Contingency Modeling Enhancements Board decision from May 2014 to July 2014  
Added FERC Order 784 to Spring 2014 Release  
Clarified activation dates for Acceptable Use Policy as 5/1/14 for Phase 1 and 6/2/14 for Phase 2  
Added BAL-002 Compliance to Fall 2014 Release  
Added Spring 2015 maintenance release

**Changes on 2/1/14**

Moved Administrative Pricing Rules Board decision from May 2014 to July 2014  
Removed Bid Cost Recovery Refinements for Multi-Stage Generation Resources from Policy section per Stakeholder Initiatives Roadmap  
Removed Black Start and System Restoration Phase 2 from Policy section per Stakeholder Initiatives Roadmap  
Removed Energy Imbalance Market - Governance from Policy section as complete  
Added Stakeholder Initiatives Roadmap with Board briefing in March 2014  
Added Reliability Services to Policy section  
Administrative pricing rules targeted to start in Feb. 2014  
Expanding metering and telemetry options targeted to start in Feb 2014  
Flexible ramping product targeted to start in March 2014  
Revisions to ISO transmission planning standards targeted to start Q1 2014  
Added Acceptable Use Policy Phase 1 (logging only) to Spring 2014 Release  
Added One For Many Outage Substitution (manual process) to Spring 2014 Release  
Moved Contingency Modeling Enhancements implementation to Independent Release (deployment date to be determined)

**Changes on 1/6/14**

Removed Access and Identity Management (deployed in December 2013)  
Removed Replacement Requirements for Scheduled Generation Outages Phase 2 (deployed in December 2013)  
Removed RIMS Generation (deployed in December 2013)  
Removed GMT (deployed in December 2013)  
Moved Contingency Modeling Enhancements Board decision from February 2014 to May 2014 (tentative - the policy initiative schedule is under review)  
Moved Flexible Resource Adequacy Criteria and Must Offer Obligation Board decision from February 2014 to March 2014  
Corrected Administrative Pricing Rules Board decision date from June 2014 to May 2014  
Added GIDAP Reassessment Process as policy initiative with Board decision in May 2014