

# Overview of SMD2 Cut-over / Fall-back Plan for February 1 Deployment

BAWG

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# Overview

- Principles of plan presented to BAWG on Nov. 9 still apply
- Dates revised to reflect SMD2 deployment schedule change
- Plan covers:
  - Parallel Operation
  - Cut-over
  - Fall-back Contingency Plan
- Specific details will be covered at the SMD2 Deployment Tech Conference
  - Scheduled for January 14<sup>th</sup>

# Parallel Operations

- Parallel Operations / Bidding (Legacy and SMD2)
  - Last week of January. Actual start date to be determined.
  - Full MP participation is critical to ensure clean transition of MP data
    - SMD2 bids should be consistent with legacy bids
  - Facilitates rapid fall-back (if required)
  - Provides for system stabilization prior to transition
- Pre-deployment SMD2 OASIS Results Created During Parallel Operations Will Not be Posted

# Parallel Operations

- Prior to Cut-over to SMD2 on February 1
  - Legacy systems will secure grid, dispatch basepoints, determine schedules, and set prices
  - Day-Ahead and Real-Time Market bids placed in the SMD2 system for dates up to and including January 31 will be non-binding
- Following Cut-over to SMD2 on February 1
  - SMD2 systems will secure grid, dispatch basepoints, determine schedules, and set prices
  - Legacy system will be used only in event of fall-back
  - Bids placed in Legacy system will be non-binding unless fall-back occurs following cut-over to SMD2

# Cut-Over to SMD2

- Several conference calls between NYISO Operations staff and TO Operations staff scheduled for January 31 to assess readiness and power system conditions
- Transition to SMD2 will happen over a period of several hours
- Specific outage schedules will be announced

# SMD2 Fall-Back Plan

- Remains unchanged from previous discussions
- Primary Objective in Making Fall-back Decision is Maintaining Power System Reliability
- Multiple Scenarios Have Been Considered
  - Reliability emergency; Immediate execution of plan
  - Market dysfunction; Planned migration to next DAM schedules (possibly at next 00:00)
  - Hybrid
- Depending on Decision Factors, Amount of Market Notification Might be Variable
  - The NYISO would strive for the maximum amount of notification possible

# SMD2 Fall-Back Plan

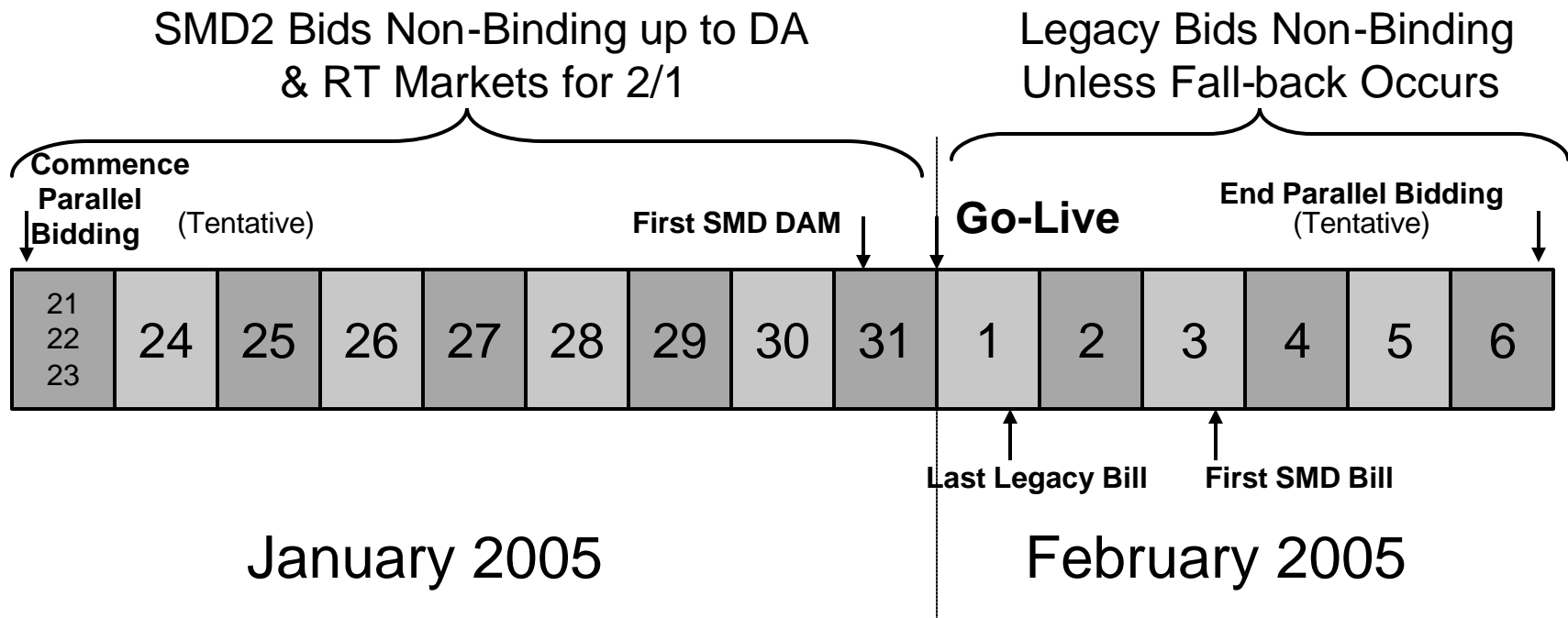
- Process of Executing Fall-back is Similar Whether Emergency or Planned
  - Notify TO control centers, Market Participants
  - Reload legacy ICCP model, switch basepoints to legacy EMS
  - Declare statewide Out of Merit (OOM)
  - Assess status of legacy market schedules, determine best time to resume NYISO markets
  - Perform controlled establishment of legacy schedules
- The NYISO is currently discussing settlement rules that would apply in the event of a fall-back to legacy operation at MSWG.

# Price Correction / Reservations

- Price Reservations
  - All price intervals will be reserved for up to 2 weeks following cut-over
  - Five (5) day posting of price corrections still required
- Price Corrections
  - Best effort will be made to include all available price corrections in legacy system prior to cut-over
  - MISHIST/BAS outage following cut-over may prohibit some January price corrections from being included
  - January 2005 initial settlement may not contain all price corrections; will need to be captured in 4-month true-up



# Deployment Timeline



# Countdown to Go-Live Meeting Schedule

Jan 5 <sup>th</sup>	MC Meeting	SMD2 Readiness Review
Jan 14 <sup>th</sup>	SMD2 Tech Conference	MP Technical Staff Conference on go-live logistics
Jan 13 <sup>th</sup>	SMD2 Teleconference	MP Consultation on FERC go-live notice
Jan 14 <sup>th</sup>	FERC Notification of intent to go-live	
Jan 19 <sup>th</sup> /20 <sup>th</sup>	BIC/OC Meeting	SMD2 Readiness Review
Jan 24 <sup>th</sup> – Feb 4 <sup>th</sup>	Parallel Operations Pre/Post Go-Live	MIS Available Jan. 24 <sup>th</sup> . DAM bids due 05:00 on Jan 25 <sup>th</sup> for Jan 26 <sup>th</sup> Day-Ahead Market
Jan 27 <sup>th</sup>	SMD2 Teleconference	MP Final Consultation on go-live
Jan 28 <sup>th</sup>	NYISO Forty-eight hour posting of effective date (go-live date)	
Jan 31 <sup>st</sup>	Multiple TO/SOAS Teleconferences	Review final readiness status; identify potential operational impacts
Feb 1 <sup>st</sup>	SMD2 Go-Live (Day-Ahead bids submitted for Feb 1 <sup>st</sup> on Jan 31 <sup>st</sup> )	
Feb 2 <sup>nd</sup>	MC Meeting	SMD2 Day After Go-Live Update
Feb 7 <sup>th</sup>	Parallel Operations	Last day of parallel operations