



Gas Unit Commitment Coordination

2014/2015 Winter Scope Proposal Review

MRC
11/20/14

Data Accuracy for Existing Fields

- Reinforce Generation Owners (GOs) must ensure data accuracy in eMKT for next X days (up to 7 days)
- Emphasis during Hot and Cold Weather alert periods
- Exception process (Manual 11) to be used if unit parameters conflict with Default Parameter Limited Schedule values. (Waiver for Feb 28 deadline to be filed with FERC for Period & Persistent Exceptions)

New Data Fields

- # and Type of Operational Restrictions
- Hours at Full Load Remaining for Next 7 days
- Dual Fuel Capability & Availability

Reinforce Critical Information and Reporting Requirements

- Reinforce Planned, Maintenance, and Unplanned Outage rules & requirements
- Reinforce critical reporting requirements

Unit Commitment in advance of DA Market Posting

- Committed into the Day Ahead (DA) Market
- Using parameters entered and validated by GOs when Hot or Cold Weather alerts issued
- Offer-capped at the offer provided to PJM at time of commitment
- Will run for either the maximum of their min run time or the profile provided by PJM at the time of the commitment
- Details provided in Manual 13 and in coordination with Energy & Reserve Pricing changes recently approved (ERP IV)

Operator Communication Clarification

Intraday Cost Schedule Updating

- Resources with NO DA Commitments AND not picked up in the Reserve Adequacy Run (RAC)
- Resources extended beyond DA or RAC scheduled commitment
- Hourly updates to COST schedule availability

	Day Ahead (DA) Commitment	Reserve Adequacy Commitment (RAC)	No Commitment
CT	Cost switching allowed after the end of last DA committed hour.	N/A	Cost switching allowed. Fixed on available cost schedule once committed in real-time (RT) .
Steam	Cost switching allowed after the end of last DA committed hour.	Cost switching allowed after the end of last RAC committed hour.	Cost switching allowed. Fixed on available cost schedule once committed in real-time (RT).

- Use the current 79 available cost schedules in eMKT to reflect incremental cost schedules
- Cost schedule values will be locked at 18:00 prior day
- Price schedule must be made unavailable at 18:00 to be eligible for cost switching
- Schedules can be made available or unavailable hourly three hours prior to the operating hour to more accurately reflect the resources' cost
- Only one schedule per fuel type can be made available each hour in real-time. All other schedules will automatically be updated to unavailable in eMKT.
- Units **committed** in real-time are unable to change cost schedule until **released** unless fuel switching for units whose primary fuel becomes unavailable after commitment and min run time met.

Fuel Policy for Inter-Day Cost Offers

Fuel policy for intra-day offers (updated during operating day) based on actual/expected intra-day costs:

- Contains methodology used by GOs to calculate their cost-based schedules as defined in PJM OATT Schedule 2 and PJM Manual 15.
- Specifies verifiable :
 - Contract or spot price;
 - Hub / pricing point (index);
 - Fuel cost source (Platts, ICE, broker)
 - Delivery / transportation charge

Current Practice

- Fuel policy for day ahead offers (submitted before the operating day, day ahead or rebid) based on actual/expected day ahead/intra-day fuel costs is submitted in MA tool CODA (Cost Offer Data Application).
- Currently CODA tool is not available. CODA has been phased out by MIRA.



Proposed Change

- Generation Owners will be responsible for submitting an updated fuel policy for intra-day offers (updated during operating day) based on actual/expected intra-day costs in MA tool MIRA (Member Information Reporting Application) tool. MIRA estimated implementation date is mid-Nov 2014.

Date	Item
October 30	MRC - First Read of GUCC 2014/ 2015 Winter Proposal
November 6	OC - Endorsement of GUCC 2014/ 2015 Winter Proposal
November 7	MIC - Review
November 20	MRC - Endorsement
November 24	Winter Webinar training
December	Target vendor delivery of required software changes
January	Target production release of required software changes

- When?
 - Monday, November 24, 2014 1000-1400 EST
- What?
 - Review Cold Weather Procedures
 - Introduce new procedures/processes for this winter's operation
 - Including GUCC, ERPIV, Cold Weather Resource Performance Improvement initiatives
- Who?
 - Mainly targeted to Generation and MOC operators
 - Limited information for TO operators
- How?
 - Webinar format (register at pjm.com/training.aspx)
 - Will also be recorded, segmented and posted for those that miss the webinar
 - CEH credit available

