Gas Unit Commitment Coordination
Intraday Cost Update Functionality
Production Implementation Review

SOS
February 25, 2015
Stakeholder Production Implementation Timeline

Last Updated 2/19/15

11/1/14
- Scope Approved at the MRC
- Winter Webinar Training

12/1/14
- 12/11 GUCC Communication- Manual Process
- 12/11 New Fields delivered by vendor
- 12/15 Intraday Cost Schedule Updating delivered by vendor

1/1/15
- 1/1 Intraday Cost Update and New eMKT Field Manual Process Implemented
- 1/6 GUCC Communication- Status
- 1/12-1/26 New Fields In Sandbox Environment AND External Interface Spec. posted in eMKT
- 1/23, 1/26 New Fields In Production Environment

2/1/15
- 2/4 Training Session
- 1/26-2/9 Intraday Cost Update In Sandbox
- 2/10 GUCC Communication- Status
- 1/19 12/29 Intraday Cost Update In Production Environment

3/1/15
- SCHEDULED IMPLEMENTATION
- 1/29 New Fields In Production Environment
- 1/29 eDART GO Survey data mapped in eMKT Production Environment
- 11/30 GO Survey Completed

New Fields in eMKT and Intraday Cost Schedule Updating

Implementation Status Communication During GUCC (OC) Meeting

eDART GO Survey data mapped in eMKT
### OPTIONAL Intraday Cost Schedule Update Functionality

| **What** | Members will have the ability to change the availability of their submitted cost schedules intraday to more accurately reflect the true cost of generation. Users may make a different cost schedule available (one per fuel type) each hour. This can be done any day, not just during Cold Weather Alerts. |
| **Why** | Functionality requested by members and developed in the Gas Unit Commitment Coordination (OC) group. |
| **Who** | All Members who would like to change availability of cost schedules intraday |
| **When** | Functionality is scheduled for production implementation on **2/23/15** |
| **Impact** | Once it is released to production, the manual process for intraday cost switching will no longer be supported by PJM. |
| **What Do I Have To Do?** | 1- If members wish to use this functionality once it is released to production, users should check the ‘Use Cost Schedule in Real Time’ box between 1800- 2100 the day prior to the operating day. This can be done in XML or via the User Interface.  
2- Ensure all schedules in eMKT have Energy Fuel Type and Subtype and Startup Fuel and Subtype data entered.  
   - Recommend deleting cost schedules which are no longer used or else a fuel type will need to be provided for them.  
   - Update XML code from Fuel Type to Energy Fuel Type  
   - Update XML code to include Startup Fuel and Subtype  
3- Enhancements were implemented to Sandbox on 2/13/15:  
   - The ‘Energy Fuel Type and Subtype’ and ‘Startup Fuel and Subtype’ data will not be required to be entered each time. The system will retain the fuel data if it has been added through the GO survey or via the user interface or via XML. Once data is entered, only members’ desired changes should be updated.  
   - PJM posted (on eMKT page) the XML query so that XML users can import the list of acceptable fuel types to use in their XML.  

NOTE: If you have already updated your XML to provide fuel information each time, these enhancements should not have an impact. It is still advisable to test your code in the Sandbox environment.