



DATE: August 19, 2019
TO: MIRA Users
FROM: Monitoring Analytics
SUBJECT: MIRA – Cost Offer Assumptions Module

The Cost Offer Assumptions (COA) module of the Member Information Reporting Application (MIRA) has been modified to separate variable operating costs and variable maintenance costs per FERC Order ER19-210-001.

In the COA module, there will be separate fields for variable operating costs and variable maintenance costs. On August 30, 2019, the Market Monitor will transfer all current VOM data into the new variable maintenance costs fields and will leave empty the new variable operating costs fields. The previous VOM fields will be terminated.

It is the Market Participants' responsibility to update the fields with the PJM approved variable operating costs and variable maintenance costs when available. Failure to update the values may result in inquiries from the Market Monitor.

If there are any questions, please email MIRA@monitoringanalytics.com.

On the Start Input Assumptions screen, the Starting VOM has been separated into Starting Operating Cost and Starting Maintenance Cost. Figure 1 shows the new fields.

Figure 1 COA Start Input Assumptions screen update

Schedule ID	1		
Schedule Name	Schedule 1 Name		
Schedule Description	Schedule One		
Start Performance Factor	<input type="text"/>		

Start First Energy Source	[Select One] ▼		
	Equipment Temperature Status		
	Hot	Intermediate	Cold
Start First Energy Source Heat Input (MMBtu/start)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Shutdown First Energy Source Heat Input (MMBtu/shutdown)	<input type="text"/>	<input type="text"/>	<input type="text"/>

Start Second Energy Source	[Select One] ▼		
	Equipment Temperature Status		
	Hot	Intermediate	Cold
Start Second Energy Source Heat Input (MMBtu/start)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Shutdown Second Energy Source Heat Input (MMBtu/shutdown)	<input type="text"/>	<input type="text"/>	<input type="text"/>

Start Third Energy Source	[Select One] ▼		
	Equipment Temperature Status		
	Hot	Intermediate	Cold
Start Third Energy Source Heat Input (MMBtu/start)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Shutdown Third Energy Source Heat Input (MMBtu/shutdown)	<input type="text"/>	<input type="text"/>	<input type="text"/>

	Equipment Temperature Status		
	Hot	Intermediate	Cold
Station Service During Start (MWh)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Starting Operating Cost (\$/start)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Starting Maintenance Cost (\$/start)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Additional Labor Cost (\$/start)	<input type="text"/>	<input type="text"/>	<input type="text"/>

Emissions Data	
Start SO2 Emissions Rate (lbs/MMBtu)	<input type="text"/>
Start CO2 Emissions Rate (lbs/MMBtu)	<input type="text"/>
Start NOX Emissions Rate (lbs/MMBtu)	<input type="text"/>
Start Volatile Organic Compounds Emissions Rate (lbs/MMBtu)	<input type="text"/>
Start Other Emissions Rate (lbs/MMBtu)	<input type="text"/>

On the VOM screen, the Variable Operations and Maintenance field has been separated into Operating Cost and Maintenance Cost and new Peaking Cyclic Factor field was created. Figure 2 shows the new fields.

Figure 2 COA VOM screen update

Schedule ID	1		
Schedule Name	Schedule 1 Name		
Schedule Description	Schedule One		

	Operating Cost	Maintenance Cost
Cost per MMBtu	<input type="text"/>	<input type="text"/>
Cost per Hour	<input type="text"/>	<input type="text"/>
Cost per MWh	<input type="text"/>	<input type="text"/>

Peak Incremental VOM Rate				
Output Range (MW)		Operating Cost	Maintenance Cost	Peaking Cyclic Factor
From	To	(\$/MWh)	(\$/MWh)	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Market Participants who use the Cost Offer Assumptions “Import” function to input data should export their existing data from MIRA to create a new template suitable for importing data going forward.