



Updated Guidance for Offering Dual Fuel Units

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Action Required

PJM recently updated the guidance for offering dual fuel units when the availability of natural gas changes during the operating day. Market Participants should:


- Review scenarios in the dual fuel document
- Adhere to PJM's guidance

Deadline

As Soon As Possible (ASAP)

Who May be Affected

Market Participants that offer dual fuel units into the Day-Ahead and Real-Time Markets.

Action Required	Deadline	Who May Be Affected
<p>Review and adhere to updated guidance in Dual Fuel FAQ document</p> 	<p>ASAP</p> 	<p>Market Participants with dual fuel units</p> 

If natural gas becomes available when previously not expected to be available or vice versa (assuming gas is the cheaper fuel):

- Ensure daily availability of both (gas and oil) cost schedules are set to available
- Reflect price of oil on the gas cost schedule for hours where gas is not expected to be available
- Under the gas cost schedule, set the reference schedule to the oil cost schedule in the Generator / Schedules / Details Updates screen in Markets Gateway for hours where oil price is reflected in the gas schedule

This process would be reversed if oil is the cheaper fuel.

- Day-Ahead Scenario #2
- Real-Time Scenario #1
- Real-Time Scenario #2
- Real-Time Scenario #3
- Real-Time Scenario #4
- Real-Time Scenario #5

Scenario: The unit is not committed in the Day-Ahead Market. The unit is dispatched in Real-time on its Gas Cost Schedule at HE 0100, with Min Run time of 4 hours. Gas becomes unavailable at HE 1100 (after Min Run would be met).

Market Participant Actions:

- Gas Cost Schedule should be updated to reflect the price of the Oil Cost Schedule for hours ending 1100 through 2300
- The incremental offer curve and No Load on the committed (Gas Cost) schedule should be updated to reflect the cost of the available fuel type (oil) via the Offers Update screen in Markets Gateway.
- The “Reference Schedule” field in the Schedule Detail Updates screen should be updated to report the Cost Schedule ID of the fuel that is the basis of the hourly offer. For this scenario, that means reflecting the oil fuel cost in the incremental energy offer on the Cost-Gas schedule during hours ending 1100 – 2300, and the “Reference Schedule” should be set to “Cost-Oil” on the Schedule Detail Updates screen for the same hours.

- Bilaterals
- Con Edison
- Demand
- ▶ Demand Response
- ▼ Generator
- Unit
- Schedules**
- Dispatch Lambda
- Market Results
- Regulation Market
- Synchronized Reserve Mar
- Day-Ahead Scheduling Res
- Resource Limitations
- Interface Pricing
- Opportunity Cost Calculator
- Parameter Limits
- Price Responsive Demand
- Pseudo Tie Transaction
- ▶ Public
- System Utilities
- Up-To-Transaction
- Virtual
- Weather Forecast

Market Day: 11/24/2021 | Portfolio: PJM TEST PORTFOLIO | Location: PJM TEST UNIT | Schedule: COSTGAS (01)

Refresh | Save

Offers | Offer Updates | Detail | **Detail Updates** | Manager | Selection | Availability Update | Restriction Information | TPS Schedule Switch | Fuel Price Exceptions | Composite Offer Verification

PJMST>> 2021-11-24 >> PJM TEST UNIT (UnitID) >> COSTGAS(01)

Switch To Cost Schedule | Start Hour: 1 | Last Updated Date/Time: No Updates

Hour	No Load Cost	Cold Startup Cost	Intermediate Startup Cost	Hot Startup Cost	Minimum Runtime	Notification Time	Status	Reference Schedule
1							Not Committed	
2							Not Committed	
3							Not Committed	
4							Not Committed	
5							Not Committed	
6							Not Committed	
7							Not Committed	
8							Not Committed	
9							Not Committed	
10							Not Committed	
11							Not Committed	COSTOIL(02)
12							Not Committed	COSTOIL(02)
13							Not Committed	COSTOIL(02)
14							Not Committed	COSTOIL(02)
15							Not Committed	COSTOIL(02)
16							Not Committed	COSTOIL(02)
17							Not Committed	COSTOIL(02)
18							Not Committed	COSTOIL(02)
19							Not Committed	COSTOIL(02)
20							Not Committed	COSTOIL(02)
21							Not Committed	COSTOIL(02)
22							Not Committed	COSTOIL(02)
23							Not Committed	COSTOIL(02)
24							Not Committed	COSTOIL(02)

No Load and Startup Cost would be updated to reflect the cost of the available fuel type. In this example, HE11-23 would be updated to reflect the cost of oil.

- [Offering Dual Fuel Generation with Intraday Offers FAQ](#)
- [Markets Gateway User Guide](#)

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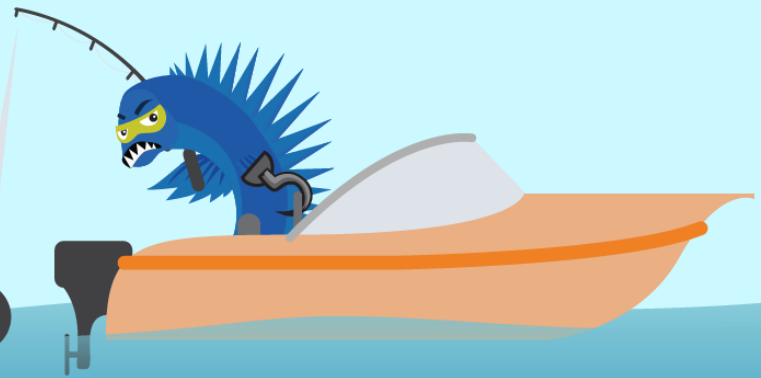
Guidance for Offering Dual Fuel Units

**PROTECT THE
POWER GRID**

**THINK BEFORE
YOU CLICK!**



**BE ALERT TO
MALICIOUS PHISHING
EMAILS**



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