



Markets Gateway Enhancements

As of November 16, 2023

Action Required	Deadline	Who May Be Affected
Exception Request Functionality Enabled in Production	12/01/2023	Participants that submit Offers to Markets Gateway
Education on Energy Offer Verification Process	12/06/2023	Notify relevant employees, All Stakeholders
Register for education session	12/06/2023	Participants that submit Offers to Markets Gateway
Day-Ahead Zonal Aggregate Distribution Factors Functionality Enabled in Production	12/14/2023	Markets Gateway UI & XML Users



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Fuel Price Exception Request Enhancement												◆ Production 12/1
Hourly DA Zonal Aggregate Factors												◆ Production 12/14





Hourly DA Zonal Aggregate Factors Enhancement

- Go-live date: December 14, 2023
 - Currently available in Markets Gateway TRN
- The Markets Gateway changes that support Hourly DA Aggregate Distribution Factors functionality will impact only EDC Demand Users
- The Markets Gateway User Guide & External Interface Specification Guide will be updated to reflect the new Hourly DA Aggregate Distribution Factors functionality

- Bilaterals
- Demand**
- ▶ Demand Response
- ▶ Generator
- Interface Pricing
- Opportunity Cost Calculator
- Parameter Limits
- Price Responsive Demand
- Pseudo Tie Transaction
- ▶ Public
- System Utilities
- Up-To-Transaction
- Virtual
- Weather Forecast

Portfolio Location

Refresh

Save

Distribution Factors tab renamed to Distribution Factors Hourly

- Market Results
- Distribution Factors Hourly**
- Day-Ahead Demand Bids

Hour	Bus Node Location	Factor
Show all	Show all	Show all
1 Ability to select Hour	PNODE 35 KV TX1	0.166666
1	PNODE 35 KV TX2	0.166666
1	PNODE 35 KV TX3	0.166667
1	PNODE 35 KV TX4	0.166667
1	PNODE 35 KV TX5	0.166667
1	PNODE 35 KV TX6	0.166667

*Disclaimer: Bid data in the screenshot above is for educational purposes only

- Go-live date: December 1, 2023
 - Currently available in Markets Gateway TRN
- New screen in Markets Gateway enhances the current process by:
 - Simplifying Exception Request submission for Stakeholders
 - Simplifying Exception Request processing for PJM
 - Removing the need for SharePoint and additional user accounts
 - XML submissions supported for Step 1 ONLY
- Markets Gateway User Guide & External Interface Specification Guide will be updated to reflect this new enhancement
- Manual 11 Language changes/endorsement in progress

- Bilaterals
- Demand
- ▶ Demand Response
- ▼ Generator
- Unit
- Schedules**
- Dispatch Lambda
- Market Results
- Regulation Market
- Synchronized Reserve Ma
- Non-Synchronized Reserv
- Secondary Reserve Mark
- Unit Limitations
- Interface Pricing
- Opportunity Cost Calculator
- Parameter Limits
- Price Responsive Demand
- Pseudo Tie Transaction
- ▶ Public
- System Utilities
- Up-To-Transaction
- Virtual
- Weather Forecast

Portfolio **PORTFOLIO 01** Location **TEST UNIT 01 CT** Schedule **99 (99)**

Refresh Save

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

PJMTST >> 2023-09-09 >> TEST UNIT 01 CT (UnitID)

STEP 1: Create Fuel Price Exception

Location	Schedule	Start Hour	End Hour	Source of Fuel Price	Fuel Hub Name	Fuel Price	Fuel Cost Policy Number
TEST UNIT 01 CT	99(99)	1	1	Third Party	FuelHub1	150	999999

Note: Right-click in this whitespace and select "Add Item" to be able to insert Exception Request data

**All three steps are required for submission

STEP 2: Upload Supporting Document

New step to allow for uploading supporting documentation directly in Markets Gateway

NOTE: Supporting files may be shared for multiple locations and schedules. File operations are auto-saved.

Upload Download Modify Delete

File Name	File Description	Start Day	End Day
Fuel Cost Policy 01.docx	Fuel Cost Policy	2023-09-09	2023-09-10
Fuel Price Quote.JPG	Screenshot of Quoted Fuel Price	2023-09-09	2023-09-10
Numerical Example.xlsxm	Numerical Example Template	2023-09-09	2023-09-10

Note: Select "Upload" button to upload supporting documentation files to Step 2, then add a description and select the Start/End Days

STEP 3: Assign File to Location / Schedule

New step to allow for assigning the uploaded supporting documentation to the appropriate Location and Schedule

File Name	Location and Schedule	Start Hour	End Hour
Fuel Cost Policy 01.docx / Fuel Cost Policy	TEST UNIT 01 CT / 99	1	1
Fuel Price Quote.JPG / Screenshot of Quoted Fuel Price	TEST UNIT 01 CT / 99	1	1
Numerical Example.xlsxm / Numerical Example Template	TEST UNIT 01 CT / 99	1	1

Note: Right-click in this whitespace and select "Add Item" to be able to select a File Name & Location / Schedule from the respective dropdowns

- All fields are required including the file name, description, and start/end dates
 - Files can be applicable for and span multiple days
- A user cannot submit duplicate file names for a unit. Please add specifics to file name such as a date to make every file name unique
 - Example: quote.jpg cannot be submitted twice including for different days
- All files uploaded are subject to virus scanning by PJM
- Individual file uploads cannot exceed 500MB
- Avoid uploading zip files



Required Fields in STEP 1

Portfolio Location Schedule

Cannot save until all required fields are filled in

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

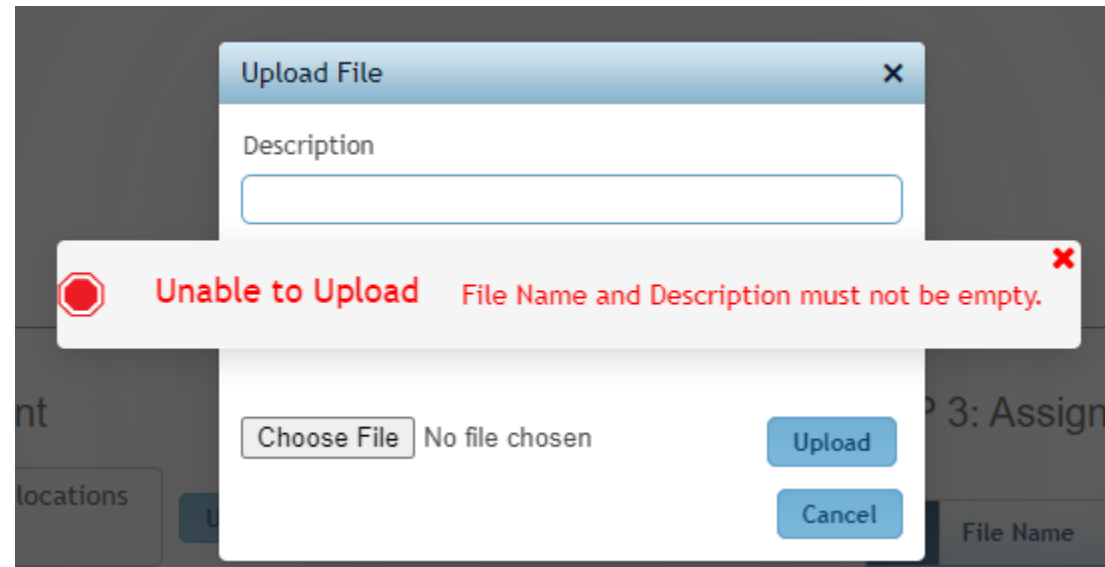
PJMTST >> 2023-11-05 >> PJM TEST UNIT 01 CT (UnitID)

STEP 1: Create Fuel Price Exception

Location	Schedule	Start Hour	End Hour	Source of Fuel Price	Fuel Hub Name	Fuel Price	Fuel Cost Policy Number
	<input type="text" value="1(1)"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="text" value="PLATTS"/>	<input type="text"/>	<input type="text" value="250"/>	<input type="text" value="123456789"/>

Can not be null Fields with no data will highlight red with a "can not be null" indicator

Null File Name & Description Error in STEP 2





File upload error

Start day [05-NOV-2023 00:00:00] cannot be greater or equal to end day [05-NOV-2023 00:00:00].



STEP 2: Upload Supporting Document

NOTE: Supporting files may be shared for multiple locations and schedules. File operations are auto-saved.

- Upload
- Download
- Modify
- Delete

File Name	File Description	Start Day	End Day
Step 02 Screenshot - 2023.11.04.JPG	Fuel Price Quote 01	2023-11-04	2023-11-05
Step 02 Screenshot - 2023.11.04.zip	Fuel Price Quote in Zip File	2023-11-04	2023-11-05

STEP 3: Assign File to Location

File Name
Step 02 Screenshot - 2023.11.04.JPG / Fuel Price Quote 01

To ensure a timely review of your exception request, please complete all steps and save the changes.

PJMTST >> 2023-11-04 >> PJM TEST UNIT 01 CT (UnitID)

STEP 1: Create Fuel Price Exception

Location	Schedule	Start Hour	End Hour	Source of Fuel Price	Fuel Hub Name	Fuel Price	Fuel Cost Policy Number
PJM TEST UNIT 01 CT	1(1)	1	1	Third Party	FuelHub01	250	12345

File upload error File with same name [Step 02 Screenshot - 2023.11.04.JPG] is already uploaded for Start Day [04-Nov-2023] End Day [05-Nov-2023]

STEP 2: Upload Supporting Document

NOTE: Supporting files may be shared for multiple locations and schedules. File operations are auto-saved.

[Upload](#)
[Download](#)
[Modify](#)
[Delete](#)

File Name	File Description	Start Day	End Day
Step 02 Screenshot - 2023.11.04.JPG	Fuel Price Quote 01	2023-11-04	2023-11-05

STEP 3: Assign File to Location / Schedule

File Name	Location and Schedule	Start Hour	End Hour
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To ensure a timely review of your exception request, please complete all steps and save the changes.



File upload error

File [Step 02 Screenshot - 2023.11.04.zip] size cannot exceed 500 MB.



STEP 2: Upload Supporting Document

NOTE: Supporting files may be shared for multiple locations and schedules. File operations are auto-saved.

Upload

Download

Modify

Delete

File Name	File Description	Start Day	End Day
Step 02 Screenshot - 2023.11.04.JPG	Fuel Price Quote 01	2023-11-04	2023-11-05
Step 02 Screenshot - 2023.11.04.zip	Fuel Price Quote in Zip File	2023-11-04	2023-11-05

STEP 3: Assign File to Location

File Name
Step 02 Screenshot - 2023.11.04.JPG / Fuel Price Quote 01

To ensure a timely review of your exception request, please complete all steps and save the changes.

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Markets Gateway – Offer Verification

Markets Gateway – Hourly DA Aggregate Factors



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Product Details

[Markets Gateway](#) allows users to submit information and obtain data needed to conduct business in the Day-Ahead, Real-Time, Regulation and Reserve Markets.

Key Product Features

- View Market Results
- Manage Generation and Load Response Portfolios
- Manage Ancillary Service Data
- Manage Market Offers and Transactions