



FTR Bilateral Agreement Reform

As of April 16, 2024

Action Required	Deadline	Who May Be Affected
FTR Center Bilateral Changes - Train	4/30/2024	FTR Bilateral Traders
FTR Center Bilateral Changes - Prod	6/30/2024	FTR Bilateral Traders

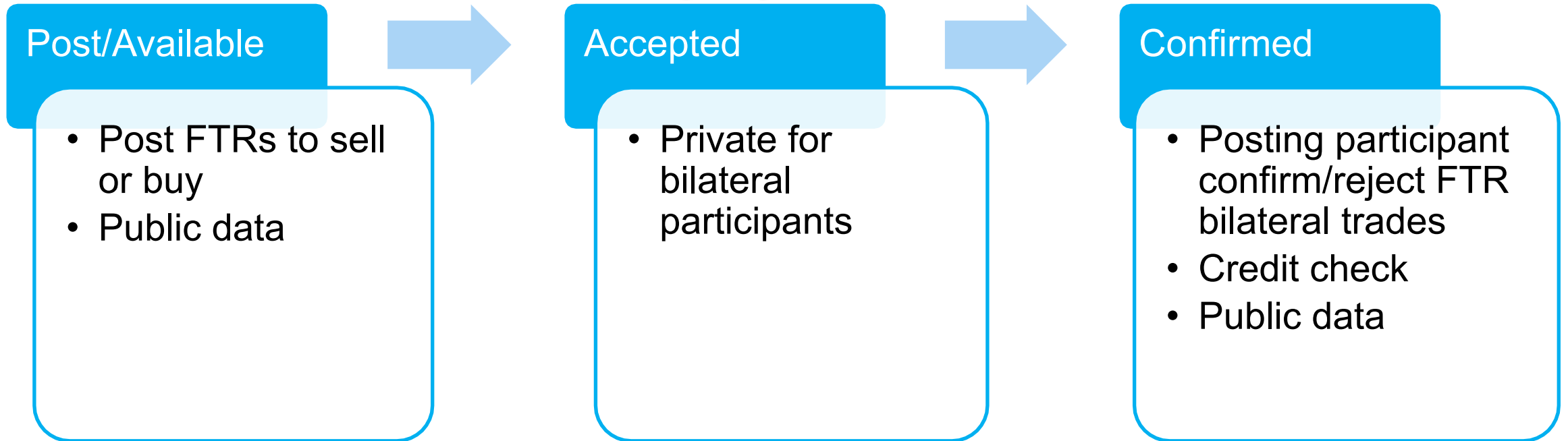


Bilateral Changes (Train 4/30/2024)

- Submit a bilateral agreement
- Test between two accounts if data are available in the Train
- Ask FTR group to coordinate on testing if data are not available in the Train

Bilateral Changes (Prod 6/30/2024)

- Require to submit a bilateral agreement for FTR trades confirming after 6/30/2024
- Be prepared for the longer process of FTR bilateral trading



New Bilateral Trading Process

Post

- Sell or buy
- Public
- Require to fill in 'Price*'

*The price (\$/MW) field should be completed with the actual price or prices paid under the FTR bilateral agreement.

Accepted

- Private for bilateral participants

Pre-Confirmed

- Posting participant confirm/reject
- Credit Check

Members enter bilateral trades as the current method and process

New Steps

Submit Agreement

- New page under 'Trading' to list all FTR bilateral trades which need the agreements
- Only Accepting participants to create/modify the bundle of FTR trades and submit the agreements
- Private

PJM Check

- PJM will check the agreements
- Credit check
- Communicate with the bilateral participants if need

Final Confirm

- Bilateral FTR data become public after PJM's approval
- All FTR bilateral trades are still shown in the 'Confirmed' page

- Show all FTR trades by selecting Start Day, End Day, Posted By and Accepted By.
- Can download the data into a CSV file.
- Group one or multiple FTR trades into a bundle.
- One FTR trade can not be included into the different bundles.
- FTR trades under the same bundle have to have the same posting and accepting participants.
- Submit one agreement for one bundle.

New Bilateral Agreement UI Interface

- Step 1 Create Bundle

- Only accepting participants can create bundles.
- Provide the bundle name.
- The price shown in an agreement:
 - ✓ Per Path Price (is the “Price” shown in the first step of post): the total price will be calculated by the software for the agreement.
 - ✓ Bundle Price: one price to cover all FTR trades in the agreement.
- XML query is available for creating bundles.

- This step is to upload agreements and submit to PJM.
- Can delete bundle if participants want to regroup FTR trades.
- Uploading file (submitting the agreement) has to be done through FTR Center (no XML query available).
- Provide the file description, and choose the PDF file only.
- Can re-upload the file before submitting to PJM.
- After submit to PJM, no more change is allowed.

- PJM will review the agreement
 - Verification of reported Primary Economic Term
 - Special provisions
- Check credit requirements
 - Purchaser's ability to perform, including meeting creditworthiness Requirements
 - Collateral calls if necessary
- PJM will respond within 48 hours.

- Outside any auction window
- If any FTR effective next month is included in the bilateral trading, please start the trading process as early as possible.

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Contact FTR Group for the technical questions about FTR Center and the bilateral process

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Contact Trade Risk and Analytics group for the business rules and the bilateral agreement related questions.

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FTR Center



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**PROTECT THE
POWER GRID**
**THINK BEFORE
YOU CLICK!**



Be alert to
malicious
phishing emails.

Report suspicious email activity to PJM.
(610) 666-2244 / it_ops_ctr_shift@pjm.com



Appendix Product Details

FTR Bilateral Transactions Review and Reporting Requirements were discussed in Risk Management Committee

[FTR Bilateral Review and Reporting Summary - Presentation](#)

[Issue Tracking: FTR Bilateral Review and Reporting Requirements](#)

- Step 1: Post FTR Bilateral Trades
 - Set the Start Day and End Day
 - “Price”(\$/MW): should be completed with the actual price or prices paid under the FTR bilateral agreement.

| FTR Center

Start Day End Day

4/1/2024>>5/31/2024 The 'Price' field is for record keeping purposes only and cannot be blank. It does not represent the auction clearing price. Row Count: 4

<input type="checkbox"/>	ID	Source	Sink	Start	End	Market	Class
<input type="checkbox"/>	1.000003		D. M. S. J. A. T. S.	4/1/2024	5/31/2024	23/24 Annual Auction (4) All	OnPeak
<input type="checkbox"/>	1.000049		D. M. S. J. A. T. S.	5/1/2024	5/31/2024	23/24 Annual Auction (4) All	DailyOffPeak

- Step 2: Accept FTR Bilateral Trades

Start Day End Day

[Refresh](#) [Save](#)

[Post](#) [Available](#) [Accepted](#) [Confirmed](#) [Activity Log](#)

4/1/2024>>5/31/2024 The 'Price' field is for record keeping purposes only and cannot be blank. It does not represent the auction clearing price. Row Count: 4

<input type="checkbox"/>	Action	ID	Posted By	Source	Sink	Start	End	Clearing Price (\$/MW-Period)	Class	Hedge	Trade	M
<input checked="" type="checkbox"/>	Accept	10000	ALB	ALB	ALB	4/1/2024	5/31/2024	100.00	OnPeak	Obligation	Sell	4
<input checked="" type="checkbox"/>	Accept	10001	ALB	ALB	ALB	5/1/2024	5/31/2024	44.00	DailyOffPeak	Obligation	Sell	5
<input checked="" type="checkbox"/>	Accept	10002	ALB	ALB	ALB	4/1/2024	4/30/2024	45.24	24H	Obligation	Sell	2
<input type="checkbox"/>	Accept	10003	ALB	ALB	ALB	4/1/2024	5/31/2024	100.00	WkndOnPeak	Obligation	Sell	1

- Step 3: Confirm FTR Bilateral Trades
 - Posting participants will need to confirm FTR bilateral trades
 - Will check credit requirements

Start Day End Day Refresh Save

4/1/2024 >> 5/31/2024 The 'Price' field is for record keeping purposes only and cannot be blank. It does not represent the auction clearing price. Row Count: 4

<input type="checkbox"/>	Action	ID	Posted By	Accepted By	Source	Sink	Start	End	Clearing Price (\$/MW-Period)	Class	He
<input checked="" type="checkbox"/>	Confirm	7131	E...	A...	A...	m_R...J_A	4/1/2024	5/31/2024	2.5	OnPeak	Obl
<input checked="" type="checkbox"/>	Confirm	1132	E...	E...	A...	...F...D...G	5/1/2024	5/31/2024	...	DailyOffPeak	Obl
<input checked="" type="checkbox"/>	Confirm	732157	E...	A...ETR	A...	...M...ESIL...	4/1/2024	4/30/2024	1.2	24H	Obl
<input checked="" type="checkbox"/>	Confirm	112205	E...	D...	A...	...M...	4/1/2024	5/31/2024	...	WkndOnPeak	Obl

- Step 4 (new step 1): Create Bundle
 - Only accepting participants can create bundle
 - Check one or multiple FTR trades, click ‘Create Bundle’ button
 - Another window will pop-up
 - Download the data through CSV and paste them in the agreement

The screenshot displays the PJM FTR Bilateral Trading interface. At the top, there are filters for Start Day (4/1/2024), End Day (5/31/2024), Posted By, and Accepted By, along with a Refresh button. Below the filters are tabs for Post, Available, Accepted, Agreement, Confirmed, and Activity Log. The 'Agreement' tab is active, showing 'STEP 1: Create Bundle' with a 'Create Bundle' button. A table of trades is visible, with columns for ID, Posted By, Accepted By, Source, Sink, Start, End, Clearing Price (\$/MW-Period), Class, Hedge, Trade, MW, and Price. Three trades are listed:

ID	Posted By	Accepted By	Source	Sink	Start	End	Clearing Price (\$/MW-Period)	Class	Hedge	Trade	MW	Price
1	4/1/2024	5/31/2024	5	OnPeak	Obligation	Sell	4.0	0.00
2	5/1/2024	5/31/2024	4	DailyOffPeak	Obligation	Sell	5.0	0.00
3	4/1/2024	4/30/2024	4	24H	Obligation	Sell	2.5	0.00

To the right, a 'Create Bundle' dialog box is open, showing fields for Bundle Name, Posting Participant Name (DOMLSE), and Price. The 'Per Path Price' radio button is selected, and the 'Bundle Price' radio button is unselected. There are 'Cancel' and 'Save' buttons at the bottom of the dialog.

- Step 5 (new step 2): Bundle Information – Submit agreements and submit to PJM
 - If need a change, can delete the bundle and re-create one
 - Within 48 hours, has to submit an agreement
 - Select ‘UPLOAD FILE’, another window will pop-up
 - The agreement will not be reviewed until click ‘submit to PJM’

Start Day End Day Posted By Accepted By Refresh

STEP 2: Bundle Information - Submit supporting documents and submit to PJM

Bundle ID	Bundle Name	Posting Participant	Accepting Participant	Bundle Price Type	Bundle Price Total	File Name	Bundle Status	Action
11				PERPATH			WAITING FOR FILE	None
10				PERBUNDLE			WAITING FOR FILE	None UPLOAD FILE DELETE BUNDLE

Uploading documents and submit to PJM

Upload File

Description

PDF File only

No file chosen

- Step 6: Final Confirm
 - PJM will review the agreement and check credit requirements
 - If FTR bilateral trades have been approved, all of them will be shown on the 'Confirmed' page

Start Day End Day Posted By Accepted By

Refresh

[Post](#)
[Available](#)
[Accepted](#)
[Agreement](#)
[Confirmed](#)
[Activity Log](#)

4/1/2024>>5/31/2024>>DATESET: The APD/ER field is for record keeping purposes only and cannot be blank. It does not represent the auction clearing price.

Row Count: 1

ID	Posted By	Accepted By	Source	Sink	Start	End	Clearing Price (\$/MW-Period)	Class	Hedge	Trade	MW	Price	Confirmation Time
17039	PJM	0		[...]	4/1/2024	4/30/2024	5.00	24H	Obligation	Sell	1	5.00	3/10/2024 14:29:55