



# Emergency Procedures Roadmap

As of April 17, 2018

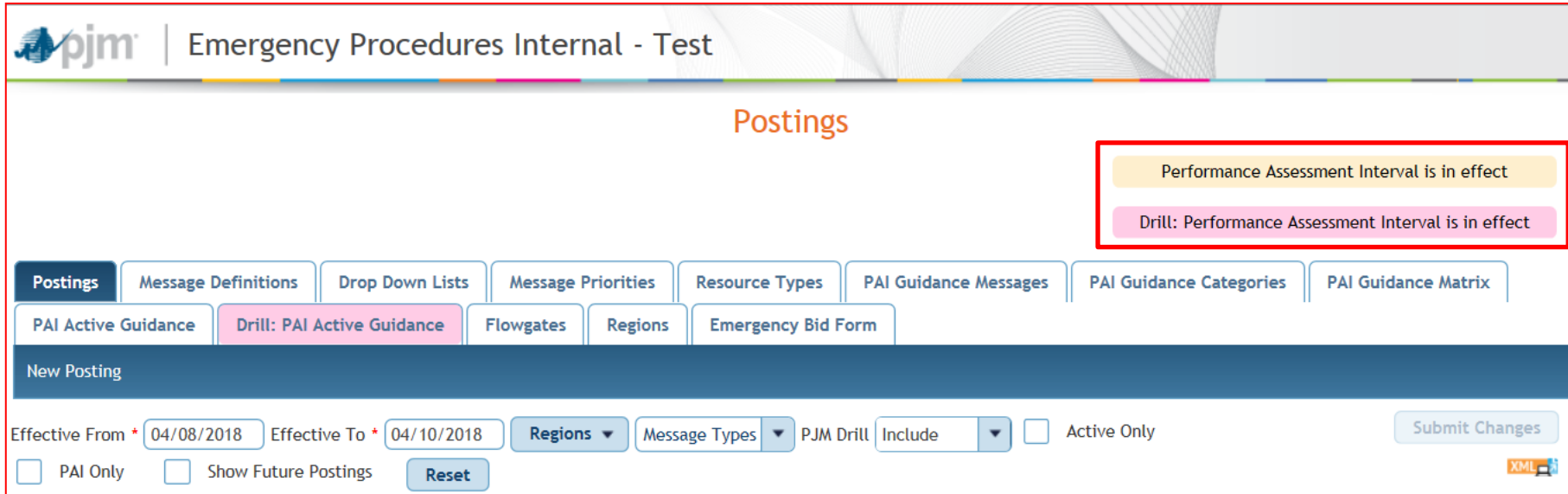
[Emergency Procedures](#) informs users about important and/or emergency events as they occur within the PJM Regional Transmission Organization (RTO)

## Key Product Features

- Displays events in near real-time with effective start and end times
- Web API for downloading of data – no login required

- FERC Order 825 – Sub-Hourly Settlements
  - Align settlement and dispatch intervals by:
    - Settling energy transactions in its real-time markets at the same time interval it dispatches energy
    - Settling operating reserves transactions in its real-time markets at the same time interval it prices operating reserves
    - Settling intertie transactions in the same time interval it schedules intertie transactions
  - Final Rule issued June 16, 2016
  - Compliance Filing submitted January 11, 2017
- Align prices with resource dispatch instructions and operating needs, providing appropriate incentives for resource performance

- Instances of Performance Assessment Hour changed to Performance Assessment Interval on global banners



Emergency Procedures Internal - Test

## Postings

Performance Assessment Interval is in effect  
Drill: Performance Assessment Interval is in effect

Postings | Message Definitions | Drop Down Lists | Message Priorities | Resource Types | PAI Guidance Messages | PAI Guidance Categories | PAI Guidance Matrix

PAI Active Guidance | Drill: PAI Active Guidance | Flowgates | Regions | Emergency Bid Form

New Posting

Effective From \* 04/08/2018 Effective To \* 04/10/2018 Regions Message Types PJM Drill Include  Active Only Submit Changes

PAI Only  Show Future Postings Reset XML

- Instances of PAH (Performance Assessment Hour) changed to PAI (Performance Assessment Interval) tabs and posting tags

The screenshot shows the PJM Emergency Procedures - Test interface. The 'Postings' tab is active, and the 'PAI Guidance Matrix' and 'Drill: PAI Active Guidance' sub-tabs are highlighted. The 'PAI Only' filter is checked. The table below shows a message with a 'PAI' tag in the message type field.

History	Msg ID	Priority	Message Type	Effective Start Time	Regions	Emergency Message	Effective End Time
	103048	Action	DRILL - Emergency Load Mgmt Reduction Action <b>PAI</b>	04.10.2018 11:15	BGE DEOK DOM DPL FE-AP FE-ME FE-PN PECO PJM	<b>Drill</b> An Emergency Load Mgmt Reduction Action and a NERC level EEA2 have been issued. Load reduction Lead Times start at Effective Start Time. Load reductions should continue until released by PJM. Reductions are mandatory based on product requirements. CSPs should review DR Hub for specific registration details. Lead Time(s) dispatched: Quick_30 . Product(s) dispatched: Extended Summer DR,Limited DR,Annual DR	04.10.2018 14:00

- PAH also changed to PAI on Message Definitions page and Active Guidance hyperlink
- <PAHGuidance> tag on XML download changed to <PAIGuidance>

```
- <PAIGuidance>  
  - <ZonalDetails>  
    <zoneName>FE-PN</zoneName>  
    <messageId>103048</messageId>  
    <effectiveStartTime>2018-04-10T15:15Z</effectiveStartTime>  
    <effectiveEndTime>2018-04-10T18:00Z</effectiveEndTime>  
  </ZonalDetails>  
</PAIGuidance>
```

- Addition of Reduction Start Time to Regions details for Load Management Reduction messages from DR Hub

LRS Details: DPL

Msg ID	101826	Region	DPL
Message Type	Emergency Load Mgmt Reduction Action	Effective Start Time	11.07.2017 09:15
Product ▲	Lead Time ⌵	Canceled ⌵	
Extended Summer DR	Quick_30	11.07.2017 14:30	
Limited DR	Quick_30	11.07.2017 14:30	

Close



FE-ME Details

Msg ID	103048	Region	FE-ME
Message Type	Emergency Load Mgmt Reduction Action	Effective Start Time	04.10.2018 11:15
Product ▲	Lead Time ⌵	Reduction Start Time ⌵	Canceled ⌵
Extended Summer DR	Quick_30	04.10.2018 11:45	04.10.2018 14:00
Limited DR	Quick_30	04.10.2018 11:45	04.10.2018 14:00

Close



- Demand Response subzones added to Regions tab
- Parent Region column added to Regions tab

**Regions**

Postings | Message Definitions | Message Priorities | PAH Guidance Matrix | PAH Active Guidance | **Regions** | Emergen

Performance Assessment Interval is in effect

Name	Type	States	Description
PJM-RTO	RTO	DC, DE, IL, IN, KY, MD, MI, NC, NJ, OH, PA, TN, VA, WV	PJM Interconnection
MIDATL	Region	DC, DE, MD, NJ, PA	PJM Mid-Atlantic Region/CZ [PJM-RTO]
WESTERN	Region	IL, IN, KY, MD, MI, OH, PA, TN, VA, WV	PJM Western Region [PJM-RTO]

**Regions**

Message Priorities | PAI Guidance Matrix | PAI Active Guidance | **Regions** | Emergency Bid Form

Name	Type	States	Description	Parent Region
PJM-RTO	RTO	DC, DE, IL, IN, KY, MD, MI, NC, NJ, OH, PA, TN, VA, WV	PJM Interconnection	N/A
MIDATL	Region	DC, DE, MD, NJ, PA	PJM Mid-Atlantic Region/CZ	PJM-RTO
WESTERN	Region	IL, IN, KY, MD, MI, OH, PA, TN, VA, WV	PJM Western Region	PJM-RTO
SOUTHERN	Region	NC, VA	PJM Southern Region	PJM-RTO
AECO	Transmission Zone	NJ	Atlantic City Electric (PHI)	MIDATL
AECO_ENGLAND	Demand Response	NJ	See Load Management Subzone zip code definitions within the Demand Response section of <a href="http://www.pjm.com/markets-and-operations/demand-response.aspx">pjm.com</a> : <a href="http://www.pjm.com/markets-and-operations/demand-response.aspx">http://www.pjm.com/markets-and-operations/demand-response.aspx</a>	MIDATL







Area	Action Required	Outage
XML Download	Update downstream system; replace <PAHGuidance> with <PAIGuidance>	30 minutes
Web UI	Review release notes on <a href="#">Emergency Procedures</a> page	30 Minutes

**Legend**

- Start Date
- End Date

