



Capacity Performance – Performance Assessment Hour

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Operating Committee
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- How will PJM communicate Performance Assessment Hour (PAH) start/stop times?
- At what production output level should my resource be at and how communicated?

Postings

Performance Assessment Message

Postings | Message Definitions | Message Priorities | Regions | Performance Assessment Guidance | Emergency Bid Form

From: 8/2/2015 To: 8/15/2015 Filters: Message Types: PJM Drill Include: Active Only Auto Refresh Reset

Last Updated: 11.18.2015 13:48:04 Filters: 11/16/2015 to 11/18/2015; Regions: (filtered); Include PJM Drill

Records Per Page: 15 (1 of 6)

History	Msg ID	Priority	Message Type	Effective Timestamp	Regions	Emergency Message	Cancellation Timestamp
	100709	Action	Voltage Reduction	11.18.2015 23:18	PJM RTO	Performance Assessment Message – See Guidance Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin fringilla arcu a ipsum congue, ut semper turpis consectetur.	
	100709	Action	Max Emergency Gen	11.18.2015 23:18	MIDATL	Performance Assessment Message – See Guidance Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin fringilla arcu a ipsum congue, ut semper turpis consectetur.	
	100709	Action	High System Voltage	11.18.2015 23:18	PJM RTO	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin fringilla arcu a ipsum congue, ut semper turpis consectetur. Ut tellus mi, accumsan hendrerit convallis sit amet, consectetur in eros. Cras aliquam, ligula placerat aliquet consequat.	
	100709	Alert	Low Voltage Alert	11.18.2015 23:18	EKPC	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin fringilla arcu a ipsum congue, ut semper turpis consectetur. Ut tellus mi, accumsan hendrerit convallis sit amet, consectetur in eros. Cras aliquam, ligula placerat aliquet consequat.	

Records Per Page: 15 (1 of 6)

All times are in EPT

Performance Assessment Guidance

Performance Assessment Message

- Postings
- Message Definitions
- Message Priorities
- Regions
- Performance Assessment Guidance
- Emergency Bid Form

ACTIVE – Performance Assessment Emergency Action Triggers

Active		Emergency Action Trigger	Regions
Warning	Action		
N/A		Pre-Emergency Load Management Reduction Action	
N/A		Pre-Emergency Load Management Reduction Action	
	N/A	Primary Reserve	
		...	
		Voltage Reduction	
		Manual Load Dump	
N/A		Load Shed	

➤ Section for active notices

ACTIVE – Performance Assessment Guidance

Resource Type	Regions
Online Generator	
- Guidance Wording	
Off-line Generator	
- Guidance Wording	
Pre-Emg	
- Guidance Wording	
Emg	
- Guidance Wording	

➤ Section for Active guidance by resource type and region

Summary Table

Date	Region	Start Time	Stop Time	Emergency Action Trigger

➤ Summary/History section listed in the bottom that will indicate when Assessment hours are/were in affect.

Performance Assessment Hour (PAH) Guidance Matrix

Emergency Action	On-line Generator Performance Guidance	Off-line Generator Performance Guidance	Pre-Emergency Load Management Performance Guidance	Emergency Load Management Performance Guidance
Pre-Emergency Load Management Reduction Action	TBD - See new OC Problem Statement	<p>The posting of this message serves as notification that all generators in the applicable region should be on-line. Units that are not on-line and following PJM dispatch instructions during the effective times of this procedure may be assessed a Non-Performance Charge.</p> <p>NOTE: Generators are required to notify PJM prior to coming on-line.</p>	<p>1.) All Load Management dispatched by PJM will be considered for PAH.</p> <p>2.) PJM will dispatch desired Load Management resources through the eLRS System (i.e. electronic notification).</p> <p>3.) Load Management resources will normally be dispatched based upon their lead time. However, lead times may be truncated based on system conditions.</p> <p>- PJM will post a new message via the Emergency Procedures webpage if lead times are shortened. This will trump the eLRS posting.</p>	
Emergency Load Management Reduction Action				
Primary Reserve Warning				
Maximum Generation Emergency Action				
Emergency Voluntary Energy Only Demand Response Reduction Action				
Curtailement of Non-Essential Building Load		<p>PJM will directly call resource owners that are available to help mitigate the emergency</p>		
Manual Load Dump Warning				
Voltage Reduction Warning		<p>The posting of this message serves as notification that all generators in the applicable region should be on-line. Units that are not on-line and following PJM dispatch instructions during the effective times of this procedure may be assessed a Non-Performance Charge.</p> <p>NOTE: Generators are required to notify PJM prior to coming on-line.</p>		
Voltage Reduction Action		<p>PJM will directly call resource owners that are available to help mitigate the emergency</p>		
Manual Load Dump Action				
Load Shed Directive				

- Should the “PAH Guidance Matrix” be a static table or should it be ‘smart’ in that only the applicable guidance will show based upon the active EP messages. (i.e.) Normally nothing is displayed unless there is a PAH procedure in affect.
 - PJM thought is to keep the Matrix static but utilize the PAH active sections below the table to inform the user as to current status
- DRILL messages. Should the message indicate “DRILL – PAH” or simply “DRILL” to eliminate any confusion?