



# eDART Voltage Schedule Application

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SOS  
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## TO

### Specify

TO-Specified or PJM Default Voltage Schedule

Specify Voltage Schedule Type: Voltage, Power Factor, or Reactive Power

Provide Target Voltage Schedule & Tolerance Band

Attach Voltage Schedule Letters (Optional)

Submit Exemption Requests

## PJM

### Review

Maintain List of Applicable Units (M-03 Sect. 3.11)

Review and Acknowledge Voltage Schedules

Coordinate adjacent TO/External Voltage Schedules

Approve Exemption Requests

Initiate **Annual** Voltage Schedule Reviews

## GO

### Acknowledge

Acknowledge Voltage Schedules

Provide feedback on Voltage Schedule through GO Comments



# eDART Voltage Schedule Application (In Development)

### Voltage Schedule Ticket Details (as of 09/04/2018 22:50)

Ticket #	GO Company TO Company	TR Zone	Commercial Name Equipment Name Bus Name	Voltage Schedule Type	Normal			Light			Heavy			Effective Date	Status
					Target	Lower	Upper	Target	Lower	Upper	Target	Lower	Upper		
2782	PECO Energy Company PJM Interconnection		XTE ST-A-1 Not Mapped X 138 kV Bus A	Voltage PowerFactor Reactive TO Exempt	139.5	4.0 135.5	4.0 143.5							09/05/2018	Submitted Status Date: 09/04/2018 22:49 Last Modified Date: 09/04/2018 22:49
TO Comments: <input type="text"/>		GO Comments: <input type="text"/>		PJM Comments: <input type="text"/>											

Needs Schedule (260 / 0)
  Submitted (2 / 0)
  Pending Review (0 / 0)
  TO Review Needed (0 / 0)
  PJM Reviewed (0 / 0)
  GO Acknowledged (0 / 0)
  Saved (0 / 0)
  Active (0 / 0)
  Completed (0 / 0)
  Canceled by TO (1 / 0)
  Canceled by PJM (0 / 0)
  In Effect
  Canceled Prev. Ack. (1 / 0)
  Late (1 / 0)
  GO Comments (0 / 0)

Trans. Owner: 
 Gen. Owner: 
 Trans. Zone: 
 From Date:  To Date:  Incl. Historical: 
 Unit Type: 
 Unit Name: 
 Ticket #:

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### Voltage Schedule Tickets

Ticket #	GO Company TO Company	TR Zone	Commercial Name Equipment Name Bus Name	Voltage Schedule Type	Normal			Light			Heavy			Effective Date	Status	Comments
					Target	Lower	Upper	Target	Lower	Upper	Target	Lower	Upper			
<input type="radio"/>	PECO Energy Company PJM Interconnection		XTEST-A-1 Not Mapped											Needs Schedule	TO: <input type="text"/> GO: <input type="text"/> PJM: <input type="text"/>	
<input checked="" type="radio"/>	PECO Energy Company PJM Interconnection		XTEST-A-1 Not Mapped X 138 kV Bus A	Voltage(KV)	139.5	135.5	143.5						09/05/2018	Submitted	TO: <input type="text"/> GO: <input type="text"/> PJM: <input type="text"/>	
<input type="radio"/>	PECO Energy Company PJM Interconnection		XTEST-A-2 Not Mapped											Needs Schedule	TO: <input type="text"/> GO: <input type="text"/> PJM: <input type="text"/>	



# eDART Voltage Schedule Application (In Development)

### Voltage Schedule Ticket Details (as of 09/04/2018 23:11)

Ticket #	GO Company TO Company	TR Zone	Commercial Name Equipment Name Bus Name	Voltage Schedule Type	Normal			Light			Heavy			Effective Date	Status
					Target	Lower	Upper	Target	Lower	Upper	Target	Lower	Upper		
2783	PECO Energy Company PJM Interconnection		XTEST-A-2 Not Mapped X 138 kV Bus B	PowerFactor (PU)	1.00	2.00 % 0.98 Lead	2.00 % 0.98 Lag							09/05/2018	Submitted Status Date: 09/04/2018 22:58 Last Modified Date: 09/04/2018 23:11

TO Comments:

GO Comments:

PJM Comments:

Needs Schedule (387)
  Submitted (12)
  Pending Review (2)
  TO Review Needed (0)
  Trans. Owner 
 Unit Type

PJM Reviewed (0)
  GO Acknowledged (0)
  Saved (1)
  Active (1)
  Gen. Owner 
 Unit Name

Completed (0)
  Canceled by TO (2)
  Canceled by PJM (1)
  Trans. Zone 
 Ticket #

In Effect
  Canceled Prev. Ack. (2)
  Late (8)
  GO Comments (0)
  From Date 
 To Date 
 Incl. Historical

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### Voltage Schedule Tickets

	Ticket #	GO Company TO Company	TR Zone	Commercial Name Equipment Name BusName	Voltage Schedule Type	Normal			Light			Heavy			Effective Date	Status	Comments
						Target	Lower	Upper	Target	Lower	Upper	Target	Lower	Upper			
<input type="radio"/>	2782	PECO Energy Company PJM Interconnection		XTE ST-A-1 Not Mapped X 138 kV Bus A	Voltage(KV)	139.5	135.5	143.5							09/05/2018	Submitted	TO: <input type="text"/> GO: <input type="text"/> PJM: <input type="text"/>
<input checked="" type="radio"/>	2783	PECO Energy Company PJM Interconnection		XTE ST-A-2 Not Mapped X 138 kV Bus B	PowerFactor(PU)	1.00 Unity	0.98 Lead	0.98 Lag							09/05/2018	Submitted	TO: <input type="text"/> GO: <input type="text"/> PJM: <input type="text"/>

- eDART Voltage Schedule application now scheduled for release on November 14, 2018.
- PJM pre-population of existing generator voltage schedules, and initial TO/GO reviews/acknowledgements targeted for completion by end of Q4 2018.
- eDART Voltage Schedule targeted for implementation as primary method for voltage schedule communication by January 1, 2019.
- PJM M-03/M-14D Revisions: First Reads (Oct 2018), Endorsements (Nov/Dec 2018), Effective (Dec. 2018)
- TO/TOP Matrix Revision: Effective (Apr. 2019)

- What is the driver for implementing the eDART Voltage Schedule application?
  - To establish controls in line with 2016 RF Audit Recommendations
- Is PJM Certification required to use the eDART Voltage Schedule Application?
  - No. PJM Generation/Transmission Certification is only required for individuals who directly communicate with the PJM System Operator.
  - See PJM Manual 40 for more details.

- Who is expected to use the eDART Voltage Schedule application?
  - eDART Transmission/Generation contacts are expected to use the application.
  - PJM expects that the eDART TO/GO contacts will work within their organizations to obtain required inputs for entry into the application in a similar manner to how other eDART functions like outage reporting and reactive testing/D-curve reporting are handled.
- Will generator voltage schedule communications via email still be accepted following January 2019?
  - Yes. The eDART application will be the primary method for PJM generator voltage schedule communications. However, PJM will still accept voltage schedule communication via email for a transition period.



For more information about eDART Voltage Schedule application, please contact:

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