

AES Ohio FERC Form 715 Updates

Presented to PJM PC

July 8, 2025

- Defined Planning Seasons*:

Season	Months in Planning Season
Winter	December, January, February
Spring	March, April
Summer	May, June, July, August, September
Fall	October, November

- Defined Seasonal Variables for Planning Seasons*:

Season	Variables	
	Ambient Air Temperature	Day of the Year
Winter	30 Degree Fahrenheit	355
Spring	50 Degree Fahrenheit	80
Summer	95 Degree Fahrenheit	172
Fall	50 Degree Fahrenheit	264

- Voltage Deviation Limit changed from 10% to 6%:

The transmission bus post-contingent bus voltage shall not deviate by 6% or more from pre-contingency bus voltage.

*Was selected based on the historical weather data collected for the area.

- Addition of a Transient Voltage Recovery criteria:

AES Ohio will maintain bus transient voltage recovery limits after fault clearing, as shown in below table.

System Performance Criteria – Transient Voltage Recovery			
Nominal Voltage (kV)	Rating		
	0.0 s – 2.0 s	2.0 s – 20.0 s	> 20.0 s
345	None	> 0.7 p.u.	> 0.9 p.u.
138	None	> 0.7 p.u.	> 0.9 p.u.
69	None	None	None