

BEFORE THE
TENNESSEE PUBLIC UTILITY COMMISSION
NASHVILLE, TENNESSEE

August 18, 2020

IN RE:)	
)	
PETITION FOR APPROVAL OF DEMAND RESPONSE)	
PROGRAM AND ASSOCIATED DEMAND RESPONSE)	DOCKET NO.
TARIFFS ON BEHALF OF KINGSPORT POWER COMPANY)	12-00012
D/B/A AEP APPALACHIAN POWER)	
)	
IN RE:)	
)	
JOINT PETITION OF EASTMAN CHEMICAL COMPANY)	
AND AIR PRODUCTS AND CHEMICALS, INC. FOR)	DOCKET NO.
EXPEDITED REVIEW TO ALLOW CERTAIN END USE)	12-00026
CUSTOMERS OF KINGSPORT POWER COMPANY TO)	
PARTICIPATE IN PJM INTERCONNECTION DEMAND)	
RESPONSE PROGRAMS)	

ANNUAL DEMAND RESPONSE REPORT OF KINGSPORT POWER COMPANY
D/B/A AEP APPALACHIAN POWER

Comes Kingsport Power Company d/b/a AEP Appalachian Power ("KgPCo"), and submits its Annual Demand Response Report to the Utilities Division Staff of the Tennessee Public Utility Commission ("TPUC"). All correspondence and communications with respect to this report should be sent to the following on behalf of KgPCo:

William C. Bovender, Esq.
HUNTER, SMITH & DAVIS, LLP
P. O. Box 3740
Kingsport, TN 37664
Email: bovender@hsdlaw.com

Mr. William K. Castle
Director, Regulatory Services VA/TN
Appalachian Power Company
3 James Center
1051 E. Cary Street, Suite 1100
Richmond, VA 23219-4029
Email: wkcastle@aep.com

James R. Bacha, Esq.
American Electric Power Service Corp.
1 Riverside Plaza, 29th Floor
Columbus, OH 43215
Email: jrbacha@aep.com

Noelle J. Coates
American Electric Power Service Corp.
3 James Center
1051 East Cary Street, Suite 1100
Richmond, VA 23219-4029
Email: njcoates@aep.com

Respectfully submitted,
**Kingsport Power Company, d/b/a
AEP Appalachian Power**

By Counsel:



William C. Bovender, Esq.
HUNTER, SMITH & DAVIS, LLP
P. O. Box 3740
Kingsport, TN 37664
(423) 378-8858
(423) 378-8801 (Fax)

James R. Bacha, Esq.
American Electric Power Service Corp.
1 Riverside Plaza, 29th Floor
Columbus, OH 43215
(614) 716-3410
(614) 716-1613 (Fax)

Noelle J. Coates
American Electric Power Service Corp.
1051 East Cary Street, Suite 1100
Richmond, VA 23219-4029
(804) 698-5541

Counsel for Kingsport Power Company

**Kingsport Power Company d/b/a AEP Appalachian Power
Annual Demand Response Report to the Utilities Division Staff of the
Tennessee Public Utility Commission**

Pursuant to the TRA's March 4, 2013 Order in Docket Nos. 12-00012 and 12-00026, KgPCo provides the following information for the PJM Delivery Year ending May 31, 2020 ("2019/20 PJM Delivery Year"):

- (1) A list of participating KgPCo customers and the demand response programs they are enrolled in.

Response: Nine KgPCo customers, utilizing the services of a Curtailment Service Provider ("CSP"), were enrolled in PJM demand response programs for the 2019/20 PJM Delivery Year and are shown in the table below.

PJM Delivery Year	Customer	DR Program	Part of Tariff RTODR?
2019/20	VCM - 1137 - Kingsport - TN	Emergency DR Full	Yes
2019/20	City of Kingsport Water Treatment Plant	Emergency DR Full	Yes
2019/20	City of Kingsport Colonial View Pump Station	Emergency DR Full	Yes
2019/20	City of Kingsport Hillcrest Pump Station	Emergency DR Full	Yes
2019/20	City of Kingsport Wastewater Treatment Plant	Emergency DR Full	Yes
2019/20	Air Products - Kingsport, TN	Emergency DR Full	Yes
2019/20	Dobyns-Bennett High School - Kingsport - TN	Emergency DR Full	Yes
2019/20	Sevier Middle School - Kingsport - TN	Emergency DR Full	Yes
2019/20	Robinson Middle School - Kingsport - TN	Emergency DR Full	Yes

- (2) The Number of curtailments called.

Response:

PJM did not initiate any Emergency or Pre-emergency Load Management Events for the AEP subzone during the Capacity Year 2019/2020 period. All customers were subject to a PJM required curtailment test during the summer of 2019.

- (3) A detailed calculation of the costs incurred and non-compliance payments received.

Response:

Total Costs	\$166,336.85
Less: Non-Compliance Payments Received	\$0
Less: Load Management Test Failure Charge Passed-Through	\$0
Net Cost	\$166,336.85

For the applicable demand response product registered by the CSP, the price is determined to be the average rate in \$/MW-day for all cleared MW, weighted by the megawatts cleared at each clearing price. Cleared MW shall include all cleared sell offers in the applicable Locational Deliverability Area from each RPM auction (Base Residual Auction, First

Incremental Auction, Second Incremental Auction and Third Incremental Auction) for the relevant PJM Delivery Year.

(4) A cost/benefit analysis of the Demand Response programs.

Response: A formal cost/benefit analysis of the Demand Response programs has not been performed. For the 2019/20 PJM Delivery Year, AEP included 6.1 MW from Tariff RTODR in its Fixed Resource Requirement (“FRR”) plan with PJM. KgPCo benefits from Tariff RTODR by providing an alternative capacity resource to satisfy PJM reserve margin requirements.