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May 1, 2017

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**HAND DELIVERED**

Dr. Talina R. Mathews  
Executive Director  
Public Service Commission  
211 Sower Boulevard  
P.O. Box 615  
Frankfort, KY 40602-0615

RECEIVED

MAY 1 2017

PUBLIC SERVICE  
COMMISSION

**RE: Administrative Case No. 387**

Dear Dr. Mathews:

Enclosed please find and accept for filing the original and ten copies of Kentucky Power Company's annual resource information required by the Commission's March 29, 2004 Order in Administrative Case No. 387.

Also filed is the original and ten copies of the Company's motion for confidential treatment with respect to portions of its response to data request 9.

A copy of Kentucky Power's Company's 2016 FERC Form-1 and a copy of its 2016 Annual Public Service Commission Utility Financial Report is being filed under separate cover.

The Commission's December 13, 2004 Order in Case No. 2004-00420, *In the Matter of: Application of Kentucky Power Company For Approval Of A Stipulation And Settlement Agreement Resolving State Regulatory Matters*, requires Kentucky Power to furnish certain information concerning the former AEP-East Power Pool in conjunction with the enclosed filing. The AEP Interconnection Agreement, pursuant to which the AEP-East Power Pool operated, terminated January 1, 2014. As a result, the requested information concerning the AEP-East Power Pool no longer exists. The Company respectfully requests that the Commission authorize Kentucky Power to amend its statement of the information requested and being furnished to eliminate any reference to the AEP-East Power Pool.

Please do not hesitate to contact me if you have any questions.

Dr. Talina R. Mathews  
Executive Director  
May 1, 2017  
Page 2

Very truly yours,

Mark R. Overstreet

A handwritten signature in blue ink, consisting of a large, stylized 'M' followed by 'R. Overstreet' in a cursive script.

MRO

cc: Michael L. Kurtz (without enclosures)  
Rebecca Goodman (without enclosures)



**Case No. Administrative Case No. 387  
Annual Report Annual Resource Assessment  
Calendar Year 2016**

**Item No. 1**

**Page 1 of 1**

**Witness: Ranie K. Wohnhas**

**Q - 1** Actual and weather-normalized monthly coincident peak demands for the just completed calendar year. Demands should be disaggregated into (a) native load demand (firm and non-firm) and (b) off-system demand (firm and non-firm). Please provide the information for both Kentucky Power Company individually and the AEP-East Power Pool (pursuant to the Commission's December 13, 2004 Order in the Rockport UPSA extension, Case No. 2004-00420).

**A - 1** Please refer to Page 1 of KPSC 1-1 Attachment1 for actual and weather normalized 2016 monthly peak native load demands for Kentucky Power Company. Kentucky Power Company had two customers with interruptible provisions in their contracts in 2016. Combined, these customers had approximately 1.5 MW of interruptible load available for use in PJM capacity auctions. The interruptible load available for PJM auctions reflects the average load for these customers, less contractually firm load, at the time of the PJM RTO five coincident peaks in the summer of 2015.

Please refer to Page 2 KPSC 1-1 Attachment1 for actual 2016 monthly system demands for Kentucky. The system demands include internal load and off-system sales. Weather-normalized monthly peak system demands for Kentucky Power Company have not been developed and are not available.

The AEP Interconnection Agreement terminated on January 1, 2014 and the AEP-East Power Pool no longer exists. As a result, the request for information regarding the AEP-East Power Pool is no longer applicable.

**Kentucky Power Company**  
**Actual and Weather Normalized Peak Native Demand (MW)**  
**2016**

<b>Kentucky Power Company</b>				
<b>Month</b>	<b>Peak</b>	<b>Peak Day</b>	<b>Peak Hour</b>	<b>Normalized Peak</b>
<b>January</b>	1,342	1/19/2016	8	1,399
<b>February</b>	1,198	2/10/2016	19	1,265
<b>March</b>	1,018	3/3/2016	8	1,158
<b>April</b>	894	4/10/2016	8	843
<b>May</b>	892	5/31/2016	16	843
<b>June</b>	995	6/16/2016	16	988
<b>July</b>	1,037	7/25/2016	14	1,054
<b>August</b>	1,044	8/9/2016	16	1,043
<b>September</b>	983	9/8/2016	16	938
<b>October</b>	783	10/19/2016	16	705
<b>November</b>	1,030	11/22/2016	8	1,083
<b>December</b>	1,170	12/16/2016	8	1,212

**Kentucky Power Company  
Actual Peak System Demand (MW)  
2016**

<b>Kentucky Power Company</b>			
<b>Month</b>	<b>Peak</b>	<b>Peak Day</b>	<b>Peak Hour</b>
<b>January</b>	1,152	1/19/2016	13
<b>February</b>	1,170	2/14/2016	4
<b>March</b>	1,017	3/4/2016	10
<b>April</b>	809	4/29/2016	16
<b>May</b>	950	5/19/2016	17
<b>June</b>	1,469	6/28/2016	16
<b>July</b>	1,471	7/26/2016	13
<b>August</b>	1,472	8/5/2016	14
<b>September</b>	1,413	9/9/2016	17
<b>October</b>	1,123	10/27/2016	13
<b>November</b>	1,516	11/21/2016	10
<b>December</b>	1,527	12/15/2016	21