

**KENTUCKY UTILITIES COMPANY**  
**(807 KAR 5:001, SEC. 18(1)(b))**

**A DESCRIPTION OF APPLICANT'S PROPERTY, INCLUDING A  
STATEMENT OF THE NET ORIGINAL COST OF THE PROPERTY  
AND THE COST THEREOF TO APPLICANT**

February 28, 2018

The applicant's generating, transmission and distribution systems described herein are calculated annually. As of December 31, 2017, the applicant had ownership in 10 and operated 7 coal fired steam electric generating units having a total capacity of 3,098 Mw; owned and operated a hydroelectric generating station having a total capacity of 32 Mw; had ownership in and operated a solar powered generating station having a total capacity of 5 Mw; and had ownership in 17 and operated 9 gas/oil peaking units having a total capacity of 1,962 Mw.

The applicant's owned electric transmission system included 142 substations (60 of which are shared with the distribution system) with a total capacity of 14 million kVA and 4,066 pole miles of lines. The electric distribution system included 469 substations (60 of which are shared with the transmission system) with a total capacity of 7 million kVA, 14,016 circuit miles of overhead lines, and 2,484 underground cable miles.

KU's service area includes an additional 11 miles of gas transmission pipeline providing gas supply to natural gas combustion turbine electricity generating units.

Other properties include office buildings, service centers, warehouses, garages and other structures and equipment.

The net original cost of the property and cost thereof to the applicant at February 28, 2018, was:

	<u>Utility Plant</u>
Original Cost	
Production Plant	\$ 6,230,467,125
Distribution Plant	1,823,610,450
Transmission Plant	925,465,833
General Plant	197,299,912
Intangible Plant	117,716,296
Construction Work in Progress	<u>350,034,707</u>
Total Plant at Original Cost	\$ 9,644,594,324
Less Reserve for Depreciation	<u>2,867,887,633</u> *
Net Original Cost	<u>\$ 6,776,706,691</u>

\* Excludes \$396,421,289 related to cost of removal reserves that is not included in the reserve in the Financial Statements and Additional Information, but instead is included as a regulatory liability.