

DEK Case No. 2017-00155
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DATA REQUEST

WITNESS

TAB NO.

STAFF-DR-02-001

Lawrence Watson 1

**Duke Energy Kentucky
Case No. 2017-00155
Staff Second Set Data Requests
Date Received: May 24, 2017**

STAFF-DR-02-001

REQUEST:

Refer to the Application, Attachment 1, which sets forth the cost estimates for each of the three proposed facilities. The Engineering, Procurement and Construction contractors ("EPC") portion of the cost estimate is approximately \$3 million for the Crittenden facility, \$1.9 million for the Walton 1 facility, and \$1.9 million for the Walton 2 facility. Explain why the EPC contract for the Crittenden facility is over \$1 million more than either the Walton 1 or the Walton 2 facility.

RESPONSE:

The Walton 1 (2.8MWdc/2MWac) and Walton 2 (2.8MWdc/2MWac) are co-located on the same parcel but will have two separate points of interconnection. The Solar EPC firm will build this as one solar facility, but it will have two independent points of interconnection thereby capturing economies of scale between the co-located systems. The Walton 1 and 2 systems estimated EPC costs are \$1.9 million for a total "Walton System" EPC cost of \$3.8M combined.

Crittenden is a larger facility (3.8MWdc/2.7MWac) than either Walton 1 or Walton 2. So while it looks like Crittenden is \$1million more from an EPC perspective than either Walton 1 or 2, it is actually less than the combined Walton projects.

PERSON RESPONSIBLE: Lawrence Watson