Response of: Entergy Services, Inc.
to the First Set of Data Requests
of Requesting Party: Arkansas Electric
Cooperative Corporation

Filed: 8/25/17

Question No.: AECC 1-32 Part No.: Addendum:

Question:

In reference to the worksheet entitled WP05 CapAds, please provide a description of the major capital addition projects (those that exceed $5 million) that are included in the projected $185,738,129 of capital additions.

Response:

Project Name: Substation Circuit Replacement Project
Project Description:

This project is for the Transmission Substation Circuit Replacement Program to develop budget estimates to support the vendor phase-out of all the legacy analog circuits by 2020.

Project Name: Jonesboro 500kV Improvement
Project Description:

The objective of the project is to increase the transmission capacity and provide voltage support in the Jonesboro and surrounding area and eliminate potential voltage violations and overloads resulting from various contingency outages. The benefits of the project are to maintain compliance with NERC's transmission planning standards and transmission system reliability.

Project Name: T-Sub Breaker Replacement Blnk
Project Description:

This project entails the removal and updating or replacement of: 1) breakers on the system for which Entergy can no longer obtain parts or manufacturer support, and 2) breakers which because of their location have become underrated

Project Name: ISES SPOF Relay Improvements
Project Description:

Question No.: AECC 1-32

This project entails ISES substation improvements to address fault detection and and isolation from the system; relaying system improvements with respect to lines, transformers, and buses; creation of redundancy in sources of DC power through separate batteries; improvements to tripping schemes using separate trip coils; use of separate PT secondary windings for line relaying, etc.

Project Name: Reed Convert to a Breaker Station
Project Description:

This project relates to the conversion of the Reed Substation from a switch station to a breaker and half substation in support of building a new transmission line from Monticello East Substation to Reed Substation and connecting existing 115kV transmission lines into the newly converted breaker station.

Project Name: BldNew PwrLine Rd 500/161kV GIS Sub
Project Description:

This project is to build a 500/161kV station where the ISES - Dell 500kV line crosses the Jonesboro-Hergett and Hergett-Trumann West 161kV lines.

Project Name: Transmission Lines Program Blanket
Project Description:

This funding project blanket entails transmission equipment repairs and replacements identified during inspections and reliability analysis to maintain the reliability and quality of transmission service .