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2015 Regional Projects Subcommittee Potential CEERTS Project Posting for Sponsorship Solicitation

Background

The Florida Reliability Coordinating Council (FRCC) Regional Transmission Planning Process (RTPP), which can be found [here](#), contains a Biennial Transmission Planning Process (BTPP) to facilitate regional planning associated with FERC Order 1000. In the initial stages of the BTPP, the FRCC Regional Projects Subcommittee (RPS) has the responsibility to perform proactive planning activities with the goal of identifying any potential Cost Efficient or Effective Regional Transmission Solution (CEERTS) projects within the FRCC region. If any potential CEERTS projects are identified by the RPS during the proactive planning activities, they will be posted to the FRCC's website for potential project sponsors to view¹. Refer to the BTPP for details on sponsorship requirements and a description of the steps of the BTPP through which a potential CEERTS project must advance before it is approved and can be constructed. The entity submitting a potential CEERTS project is referred to as the Project Sponsor and is responsible for meeting all requirements set forth in the BTPP in order to advance the project through the BTPP.

¹ This posting is not an endorsement of any potential CEERTS project by the FRCC. Sponsorship of a potential CEERTS project carries specific risks, and the FRCC does not guarantee that a project will successfully complete all the stages of the BTPP and be approved for construction/cost allocation. Entities considering sponsorship should carefully evaluate the proposed project's feasibility and consider its likelihood of success given the specific requirements of the BTPP.

Potential CEERTS Projects Identified by the RPS

1.1 Potentially displaced project from the FRCC Board approved plan – DEF Vandolah – DEF Spring Valley 230 kV line

Figure 1 - Original Planned Project

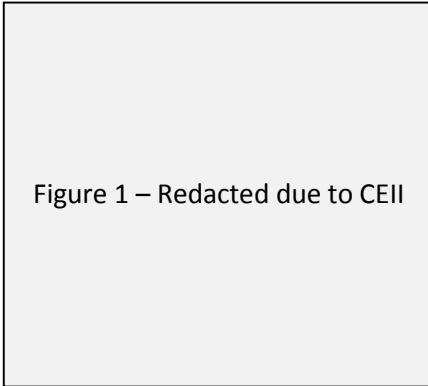


Figure 1 – Redacted due to CEII

This project includes the construction of one 32 mile 230 kV transmission circuit within the DEF area and pictured in Figure 1.

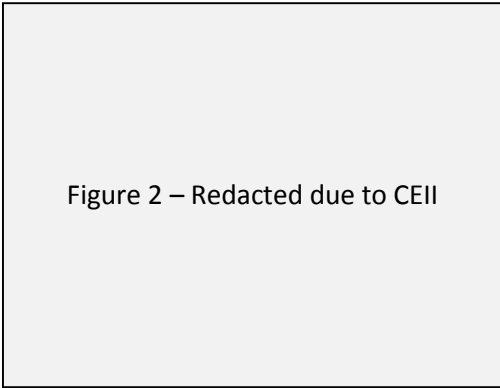
NOTE: DEF provided the following list of reliability benefits that are expected from the original planned project²:

1. The primary reliability benefit is that the project provides an additional 230kV source for the load area south of Avon Park with the connection introduced at the mid or lower portion of this load area providing needed voltage and thermal support for the loss of the Avon Park – Ft. Meade 230 kV lines.
2. An ancillary reliability benefit is that a 2nd Bulk Electric system (BES) transmission connection from Vandolah to DEF's system will provide needed operations and maintenance flexibility, such that multiple BES and non-BES transmission line forced and planned outages in the area can be reliably accommodated without significantly impacting neighboring utilities or the availability of existing Network resources to serve Network load in the DEF area.

² The potential reliability benefits have not been fully vetted by the FRCC PC.

1.2 Potential CEERTS Project #1 – FPL Whidden – DEF Spring Valley 230 kV line

Figure 2 - Potential CEERTS #1

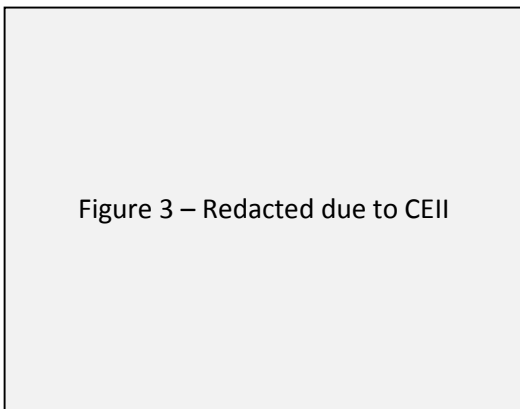


This project includes the construction of one 33 mile 230 kV transmission circuit between the FPL Whidden substation and the future DEF Spring Valley substation and is pictured in Figure 2.

Potential CEERTS Project #1 would potentially displace the project listed in 1.1.

1.3 Potential CEERTS Project #2 – FPL Whidden – DEF Fisheating Creek 230 kV line

Figure 2 - Potential CEERTS #2



This project includes the construction of one 28 mile 230kV transmission circuit between the FPL Whidden substation and the DEF Fisheating Creek substation and is pictured Figure 2 - Potential CEERTS #1Figure 2.

Potential CEERTS Project #2 would potentially displace the project listed in 1.1.