



FRCC Biennial Transmission Planning Process Update

June 25, 2015

BTTP Update

- FRCC received 2 sponsored CEERTS projects by 6/1/2015
- Step 1 – FRCC PC reviews CEERTS submittals (**Complete**)
 - Review of submittals only for completeness
 - Review did not address validity of all or part of the submittal
 - Both submittals found to be complete
- Step 2 – PC updates Board and posts information (Today)
- *Step 3 – RPS and independent consultant*
 - *Perform a technical analysis*
 - *Draft report to the PC*
 - *PC provides report and recommendation to the Board*

DEF Project – Potential for Displacement

Redacted due to CEII

NOTE: DEF provided the following list of reliability benefits that are expected from the original planned project¹:

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.

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.

¹ The potential reliability benefits have not been fully vetted by the FRCC PC.

FPL Sponsored CEERTS Project

Whidden – Fisheating Creek 230 kV Line

Redacted due to CEII

- 29.8 mile transmission circuit between FPL Whidden and DEF Fisheating Creek
- Potentially displaces DEF Vandolah - Spring Valley 230 kV Line

FEC Sponsored CEERTS Project

Whidden – Spring Valley 230 kV Line

Redacted due to CEII

- 33 mile transmission circuit between FPL Whidden and DEF Spring Valley
- Potentially displaces DEF Vandolah - Spring Valley 230 kV Line

FRCC Board Next Steps

- Step 2 – Receive PC Update (**Complete - today**)
- *Step 3 – RPS and independent consultant (Jun - Nov 2015)*
 - *Perform a technical analysis*
 - *PC provides report and recommendation to the Board*
- Step 4 – Determine if potential CEERTS should proceed to Step 5 (Nov - Feb 2016)
- *Step 5 – Cost/Benefit Analysis performed and PC provides a report to the Board (Feb - Jun 2016)*
- Step 6 – Select project developer (Jun - Sep 2016)

Questions ?

