



330 SW 12<sup>th</sup> Ave Pompano Beach, FL 33069

April 28, 2021

Matthew J. Giani, P.E.  
Project Manager  
Shah Drotos & Associates

RE: 880 SW 12<sup>TH</sup> AVE, POMPANO BEACH - REQUEST FOR CONVERSION OF FPL  
PRIMARY OVERHEAD FEEDER FACILITIES TO UNDERGROUND

Dear Mr. Giani

Per your email we have reviewed your request to convert the FPL Primary Overhead Feeder facilities and place them underground. The frontage of this specific site is only approximately 1,636 feet.

Due to service reliability and good engineering practices FPL would not convert these facilities from overhead to underground. FPL needs to maintain its high standard for service reliability and conversions of this type create several additional potential points of failure for the FPL facilities. If FPL were to convert spans as short as this, it would have an up and down roller coaster effect on our facilities creating an excessive amount of potential points of failure and severely impact the service reliability to the surrounding community.

Conversions of this type do nothing to improve the reliability or the aesthetics of the surrounding area as the poles do not disappear; they either become a much larger self-supporting concrete pole or FPL has to add additional equipment such as down guys and anchors in the ground to support the momentum of the overhead facilities being dead-ended on either side of the proposed site for conversion.

If FPL were to convert these facilities it would be more practical to be done as part of the overall conversion of SW 12<sup>TH</sup> Ave. The ballpark cost that would be the approximate portion for this parcel is approximately \$210,688.

Should you have any other questions please feel free to contact me at 954-956-2002.

Sincerely,

Steven Bhagwandat  
Associate Engineer  
Office 954-956-2002; Fax 954-956-2020

**DRC**

PZ21-14000016  
7/07/2021