WDT1706 – 3730 Francis Avenue BESS Project
Project Description

9/25/2023

Below is the Southern California Edison (SCE) project description for the 3730 Francis Avenue Battery Energy Storage System (BESS) Project (project). Please note that this is high level and based on job-walk findings and preliminary engineering. Currently, the project is in the design phase.

The point of change of ownership (POCO) will be located at the Capacity Power Group, LLC/ENGIE Distributed Storage Development LLC's (Customer's) approximate 28-foot-high pole within the BESS Facility Substation.

- **Project Description for 3730 Francis Avenue BESS Storage**
  - Sub-transmission
    - Install a new 66 kilovolt (kV) generation line from the existing SCE Francis Substation to the BESS Facility.
      - Install approximately 35 linear feet of three (3) overhead conductors from an approximate 60-foot-high riser tubular steel pole within the Francis Substation to the Customer's approximate 28-foot-high POCO pole in the BESS Facility.
        - Routing of this generation tie (gen-tie) line is directly between the existing Francis Substation property line and the Customer's BESS Facility property line.
      - Install approximately 560 feet of underground 66kV conductors from a new position in the existing Francis Substation to the above-mentioned riser TSP.

  - SCE Francis Substation
    - Replace the existing operating and transfer bus dead-end structure's steel and foundations from position 1 to position 6.
    - Extend the existing 39-foot-high 66kV operating and transfer bus by an additional 88 feet to the east to accommodate a new 66kV position for this interconnection.
    - Reconductor the operating and transfer bus spans.
    - Install a new 66kV position.
    - All of the substation work will be done within the existing substation fence.

  - Telecommunication
    - Install two (2) new underground fiber optic paths, each approximately 200 feet from the existing Francis Substation control room to the BESS Facility.
      - Install two (2) 5-inch-diameter conduits from the control room at the Francis Substation to two (2) manholes installed by the Customer inside the new BESS Facility Substation.