

McNary 230 kV Section Bay Addition L0481

This project seeks to add a new 230 kV section bay at McNary Substation, which includes building a new bay, adding a new breaker and metering, and completing fiber changes for the communications from McNary.

UEC has been having major system upgrades at McNary substation for the past decade due to continued load growth in their service area. They now have 30 bays at this substation. The load growth and new GI customers in this area are behind the badly needed construction of the new Longhorn Substation.

This project bundle has two parts. The main portion of the bundle is to accommodate a new 230 kV UEC line. BPA will be the TOP for this line and will need the appropriate visibility and controls to perform this function. UEC will terminate their line in Bay 27 at McNary. The McNary-Franklin No 2 230 kV line will move from Bay 27 to Bay 28, which will alleviate line congestion outside McNary. The Bus Tie will move from Bay 28 to Bay 30. Some additional upgrading of switches is needed to accommodate this project and support the Sustain program.

The smaller portion of the bundle required doing some fiber work to accommodate Line Differential relaying on UEC's lines between Hermiston Butte (UEC) and McNary Substation in addition to the line between Beach Access (UEC) and McNary Substation.