

Bridge Substation

This project seeks to provide and install a new 230-kV line terminal inside BPA's Bridge Substation to provide a line position for Raft River to tap to their new 138/24.94-kV East Bridge Substation.

- Raft River's existing Bridge Substation has failing concrete foundations as well as limited thermal capacity. Their substation is also very antiquated with obsolete equipment. There are also power quality issues on their 12.47-kV distribution system.
- Raft River identified an urgent need to construct a new substation to the east of BPA's Bridge Substation to maintain reliability to their customers currently served out of their Bridge Substation. Raft River intends to create synergies by increasing their transformer capacity and distribution nominal voltage at the new substation to improve operational flexibility and reliability on their system.
- Due to the existing issues at Raft River's existing Bridge Substation, Raft River requests that BPA allow a temporary shoo fly until a permanent solution is engineered, procured, and constructed at BPA's Bridge Substation.