

QUESNEL RIVER PULP PLANT UPGRADES



PROJECT DESCRIPTION

Multiple projects at pulp and paper plant, including upgrades to the existing 69 kV substation, replacement of end-of-life equipment, changing out existing electro-mechanical relays and replacing with new digital relays networked and supporting IEC 61850, and replacing the large 12,000 hp refiner motors, all while minimizing the plant outages and production downtime. Brownfield work requires engineering teams to come to site and assess the old equipment and trace the control system wiring where limited prior information is available. Back at the office new engineering drawings are generated, equipment is specified, and an implementation plan is developed so that the construction crew can quickly remove the old equipment and wiring, install the new equipment in the same location, and get the system back up and running in as short of time as possible.

HIGHLIGHTS

- Protection Upgrades and IEC 61850 implementation
- Substation upgrades, including replacement of existing equipment
- Refiner motor replacements
- Brownfield site work

LOCATION

Quesnel, BC