



Eaton's Electrical Engineering Service and Systems (EESS) extends the operational life of critical Utility power generation stations.

Project Highlights

Originally slated for a 25 day execution Eaton's Team successfully completed this replacement in condensed schedule of just 12 days.

Project Details

Bridge River Powerhouse has a maximum generating capacity of 480MW, which accounts for 6% to 8% of British Columbia's electrical supply.

Eaton's project scope involves upgrading and extending the life of the low voltage station service equipment.

Project number

PCECMRW001326

"This was truly one of the best installations I've had on a project in the last 8 years"

Customer Testimony

PROJECT DESCRIPTION

In 2015 Eaton's Electrical Engineering Service and Systems (EESS) received a project release to commence work on Bridge River II generating station. Bridge River II is the first of five (potentially seven) provincial generation stations scheduled to receive station service upgrades over the next few years.

Original scope was to replace the existing LV Station Services Switchgear with Front Accessible Arc Resistant Switchgear.

By completing these upgrades the customer is renewing and extending the operational life of these critical power generation stations.

Eaton was presented with many challenges during the planning and execution stages, including:

- Maintaining critical loads during execution
- Scope changes, condensed schedules (25 to 12 days),
- Changing team members,
- Last minute identification of hazardous materials,
- Coordination with other customer projects,
- Customer / Eaton process integration.

The Eaton team achieved a significant project milestone with the successful re-energization of the Bridge River station.

Zero Incident Safety and minimal service interruption were critical considerations in the projects methodology and execution.

Project was completed with only one Eaton deficiency. (Shipper delivered Arc Flash Labels to the wrong location)



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Publication No. CS181011EN
October 2021

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