

FortisBC Kettle Valley Substation

Address (Map): Kettle Valley Region, West Kootenays, British Columbia V0G 2G1 Canada
 Sector: Major Utilities
 MCW Office: Winnipeg

Delivery Type: Design-Bid-Build
 Status: Complete



Prime Consultant / Project Management:

AGE Power Consultants

Subconsultants:

Chimax Consulting

Final Project Value:

\$20,000,000

Project Description

New 2x40MVA Greenfield Substation, part of an overall voltage conversion and capacity upgrade in the Kettle Valley region of the West Kootenays of BC. The station was design to 230kV and included two (2) 40MVA 161/230kV : 25kV banks, four (4) feeders with provision for two (2) future. The work included provision of conceptual design including General Arrangement, Single Line Operational and Protection drawings, budget and scope for BCUC approval. Upon approval, MCW provided a turnkey design for the station, transmission line segmentation, issue of construction package, construction support and project close out. MCW also designed the distribution lines and voltage conversion for the valley.