

WATERFORD SUBSTATION TRANSFORMER BANK REPLACEMENT



CLIENT: FortisBC

COMPLETED: Spring 2006



PROJECT DESCRIPTION

Capacity increase of an existing station by replacing the transformer with a larger unit (24/32/40MVA, 63kV-13kV), upgraded the station protection, SCADA and ancillary systems, grounding, capacitor bank, and provided a new in-line current limiting reactor on the 13kV bus.

Responsible for the entire design package including the civil site improvements, structural, equipment specifications, protection and control, SCADA, tie into the existing 63kV overhead transmission line and project support while under construction.