

# MECHRON



POWER SYSTEMS

## Custom Control Panel for For Peterborough Utility

Mechron Power Systems

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The Peterborough Utility operates several water treatment and hydroelectric power generation facilities. In collaboration with its sister company, Toromont CAT, Mechron supplied a custom control panel solution to integrate a standby generator set into a complex power distribution system.



particularly challenging, requiring careful control of devices on the split bus. To meet this requirement, Mechron supplied a custom standby control panel that incorporated customer-supplied panel and GE switchgear. The control panel provided standby and parallel generation capabilities for the 1 MW standby set.

In addition to the central control panel, the standby set was equipped with a unit control panel. This panel provided generator set control, including field control and an integrated Mechron CR-2F battery charger.



Power for the facility was supplied by a dual utility, dual transformer, split bus system equipped with a tie breaker. Integrating controls for the 1 MW natural gas standby generator set into this system was

