

Project Information

Project: Echo River T.S. -125V DC System Replacement



Owner:

Great Lakes Power

Contractor & Construction:

EPTCON Ltd.

Design/Build & Engineering:

EPTCON Ltd.

EPTCON Ltd. provided the design/build and complete electrical engineering to replace an existing single battery and charger with a dual DC system consisting of two new batteries, two chargers, and a DC transfer switch. The existing loads had to be transferred to the new equipment without interruption to the station protection relaying systems. The scope of work included:

- Preparation of the cutover execution plan, as required, to transfer the existing loads to the new DC equipment.
- Preparation of single line diagrams, layout drawings, connection wiring diagrams, and cable schedule.
- Site preparation, procurement and construction, including salvage and disposal of existing DC equipment.
- Complete commissioning of the new DC system equipment.

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