

PROJECT HIGHLIGHT – ENERGY BILLING

OVERVIEW

In 2020, QED assisted a BC mine in setting their Customer Baseline Load (CBL), which is the basis for electricity billing with BC Hydro transmission rate customers. This one-time exercise uses the previous 12 months of energy consumption as a typical year. Any unusual events from the basis year were quantified for BC Hydro review and acceptance. The energy impacts of these events were added to the CBL.

OPPORTUNITIES

To ensure the mine site ended up with a right sized CBL, detailed analyses were performed to ensure the CBL would be representative for current and future operations loads. The business case was presented to management, which included opting out of the freshet rate reduction program for one year to include all energy in the CBL setting process.

VALUE

\$3.26 million savings were realized in 2021, which is an 8.8% annual cost reduction when comparing their new Stepped Rate to the previous Blended Rate.





Electrical Testing, Commissioning and Energy Management Specialists

QED specializes in the testing and commissioning of medium voltage, high voltage and protection systems. We are uniquely positioned to provide a comprehensive suite of energy management services.