



RELIABLE POWER IN REMOTE LOCATIONS

Application Sheet #11

CUSTOMER VALUE

Saving money and
reducing carbon
footprint.

SITUATION

- Customer required power to site located in Montney Basin, Alberta.
- The cost of bringing AC power to location was prohibitive.
- The power source needed to be reliable to ensure their operations were not shut down.

SOLUTION

- Sirius provided hybrid 1500 watt Apollo power packs which include a 100 watt thermo-electric generator.
- The Apollo power pack was designed to run the site nine months of the year. As the days get shorter in the winter, the thermo-electric generator is automatically turned on to generate power for the site.

RESULTS

- Running off the solar power 75% of the year saves wear and tear on the thermo-electric generator, reducing wear and tear on the generator.
- During nine months the site operates emission free in terms of power generation. Emissions are significantly reduced and fuel gas is not consumed during this period.
- The thermo-electric generator is remote started when a sensor reads a low voltage from the battery bank; thus, ensuring the batteries do not freeze and the generator starts when required to keep the site operational.



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