

Reliable remote power, even when the sun goes down

Overview



Northern Alberta, Canada has many remote, unmanned gas wells with limited access to grid power.

Reliable remote power is required for various applications including cathodic protection, instrumentation, leak detection, remote monitoring, security and communications systems, and valve operation.

Photovoltaics (PV/Solar) is a growing renewable energy technology (RET) that captures power from the sun. When coupled with battery storage PV is often used for off-grid applications. However, in remote locations and under adverse weather conditions, these systems face operational challenges.

The solution to power problems

Avoid costly downtime during winter months or extreme weather conditions by retrofitting your existing solar (PV) site with a thermoelectric generator (TEG).

As the most reliable source of continuous and uninterrupted power available on the market today, TEGs offer peace of mind when available daily sunlight can't provide the power required for your site.

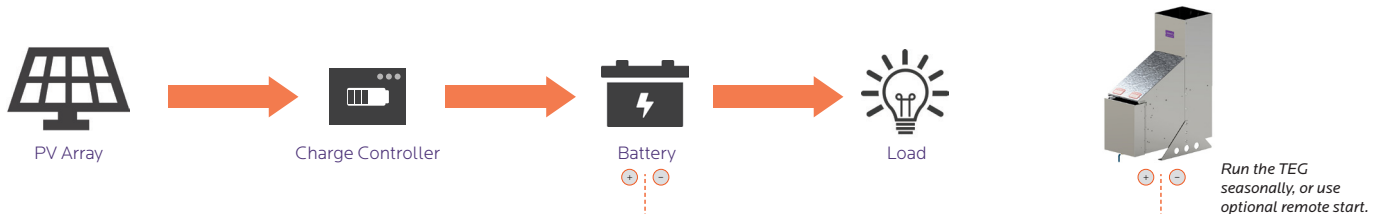


Reliable operation in extreme heat, cold and adverse weather

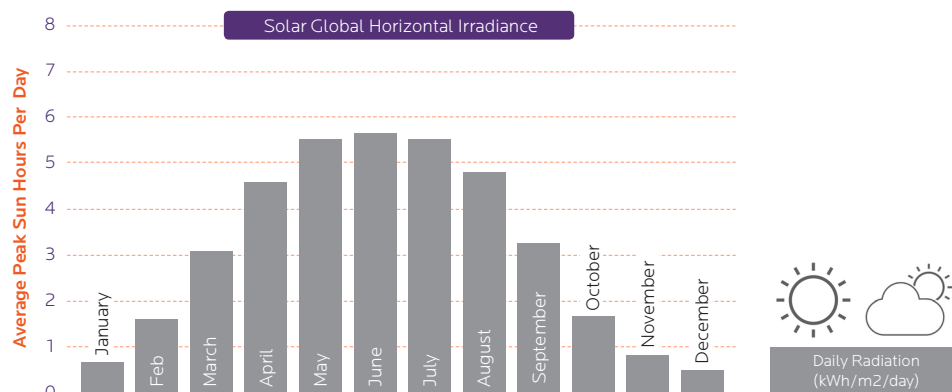
Easy as 1... 2... 3



Simply add a TEG to your existing site, to create a powerful hybrid system providing continuous and uninterrupted power generation all year.



Grande Prairie, Alberta | Canada



<p>5.6</p> <p>Average peak sun hours/day in June</p>	<p>7.14</p> <p>Maximum no sun days</p>
<p>0.44</p> <p>Average peak sun hours/day in December</p>	<p>9.82°</p> <p>Winter solstice solar altitude</p>