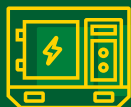


How we powered a remote wind farm during a shutdown

When a wind farm in remote Scotland entered a planned shutdown, maintaining power to critical systems was essential. Sunbelt Rentals Energy experts mobilised a full temporary power solution within four weeks, supplying generators, fuel management and on-site engineering support to keep turbine systems and control operations running throughout commissioning.



HVO fuel supplied
to remote location



25 generators
mobilised within
four weeks



Four weeks
on-site
engineering
support



Temporary power
for turbines and
control room

Wind farm shutdowns demand continuous, reliable power to support turbine systems and control infrastructure.

At Limekiln Wind Farm, Sunbelt Rentals Energy delivered a fully managed temporary power solution to maintain operations during a critical four-week shutdown and commissioning phase.

Challenges

The project required rapid mobilisation to a remote Scottish site with limited access and space for equipment deployment.

The temporary power system needed to integrate with live turbine infrastructure and control systems, while maintaining consistent performance throughout commissioning.

The customer also required a lower-emission fuel solution and on-site engineering support to ensure reliability across the shutdown period.

Solution

Sunbelt Rentals Energy experts designed and delivered a bespoke temporary power package tailored to the site's technical and logistical constraints.

Within four weeks, the team mobilised:

- 25 × 150kVA generators
- Fuel tanks and fully managed RFAS certified HVO fuel supply
- Fuel monitoring and delivery coordination
- A dedicated on-site engineer throughout the project

Working alongside turbine specialists, Sunbelt Rentals engineers supported installation and commissioning, ensuring seamless integration with turbine systems and control infrastructure.

Result

Sunbelt Rentals delivered a fully operational temporary power solution within a four-week mobilisation window, supporting a critical shutdown and commissioning phase.

The solution provided reliable, continuous power to turbine systems and the control room, enabling the customer to complete commissioning activities without disruption.

By combining equipment, fuel management and on-site expertise, Sunbelt Rentals Energy ensured the project ran smoothly in a challenging remote environment.

Our equipment and services supplied at a glance

- 25 × 150kVA generators deployed
- Fuel tanks and RFAS certified HVO fuel supply
- Fuel monitoring and delivery coordination
- Dedicated Sunbelt Rentals Energy engineer
- Remote site logistics and mobilisation

“ Our role was to ensure the temporary power solution operated reliably throughout the shutdown period. By working closely with the customer and turbine specialists on site, we were able to provide consistent technical support and keep the generators running smoothly during a critical phase of the project. ”

Andrew Coles

Sunbelt Rentals, On-Site Engineer



Rapid mobilisation to remote sites

Full-service power and fuel supply

On-site engineering expertise

Leave the how to us.