

SolFlex

A smarter way to power your site

Reduce energy costs, diesel reliance and emissions with an integrated renewable energy solution designed for temporary sites.

SolFlex combines solar generation and battery energy storage with backup generation, giving your site reliable power while reducing reliance on conventional diesel solutions.



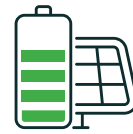
Lower Costs

- ✓ Reduce energy costs
Use solar and stored energy as your primary power source.
- ✓ Cut carbon emissions
Reduce reliance on diesel-generated power and support project sustainability and ESG targets.
- ✓ Simplify site operations
Less diesel means less refuelling, fuel storage and site logistics.



Reliable Silent Power

- ✓ Keep your site powered
Battery energy storage provides power when solar generation isn't available, with backup generation there when required.
- ✓ Backup generator
Generator backup means your site has power when you need it most.



Integrated & Insightful

- ✓ Built into your solution
Solar can be integrated onto Ausco buildings and walkways creating a flexible solution designed around your temporary site requirements.
- ✓ See how your site is performing
Real-time monitoring gives you greater visibility needed to optimise energy using behaviour and improve energy efficiency while supporting ESG reporting requirements.



Solar first. Battery supported.
Generator backed.

SolFlex put to the test.

Real-world performance. Continuous demand. Changing conditions.

Throughout August, SolFlex was tested at Ausco's Redbank site to understand how the system performs under sustained energy demand and changing weather conditions.

The test powered 3 buildings continuously off-grid for 31 days, with air conditioning and lighting operating 24 hours a day, seven days a week.

THE RESULTS

1,140 kWh

ENERGY
CONSUMED



17h 31m

GENERATOR
RUNTIME
over 31 days



68L

DIESEL
CONSUMED



85%

OF POWER CAME
FROM THE SUN



BUILT FOR CHANGING CONDITIONS

Solar availability varied throughout August, testing SolFlex across both clear and heavily overcast conditions. Solar generated energy when available, the battery stored and delivered power as required, and the generator stepped in only when needed.

LESS DIESEL. LOWER OPERATING COST.



~97%
LESS DIESEL



5757.51kg CO₂
SAVINGS



~\$5430
ESTIMATED FUEL +
CARTAGE SAVING*

*Conventional fuel consumption estimated at 3L/hour over 744 hours. Cost saving based on diesel at \$2.40/L plus approx. \$0.11/L cartage as at 1 September 2026. Actual SolFlex diesel consumption: 68L.