

LEADERS IN CLEAN ENERGY SOLUTIONS

Adjustable Solar Array

- ✓ Up to 14 kW of Solar Panel input (approximately 40 solar panels)
- ✓ Can support roof or ground-mounted solar panels

Remote Monitoring

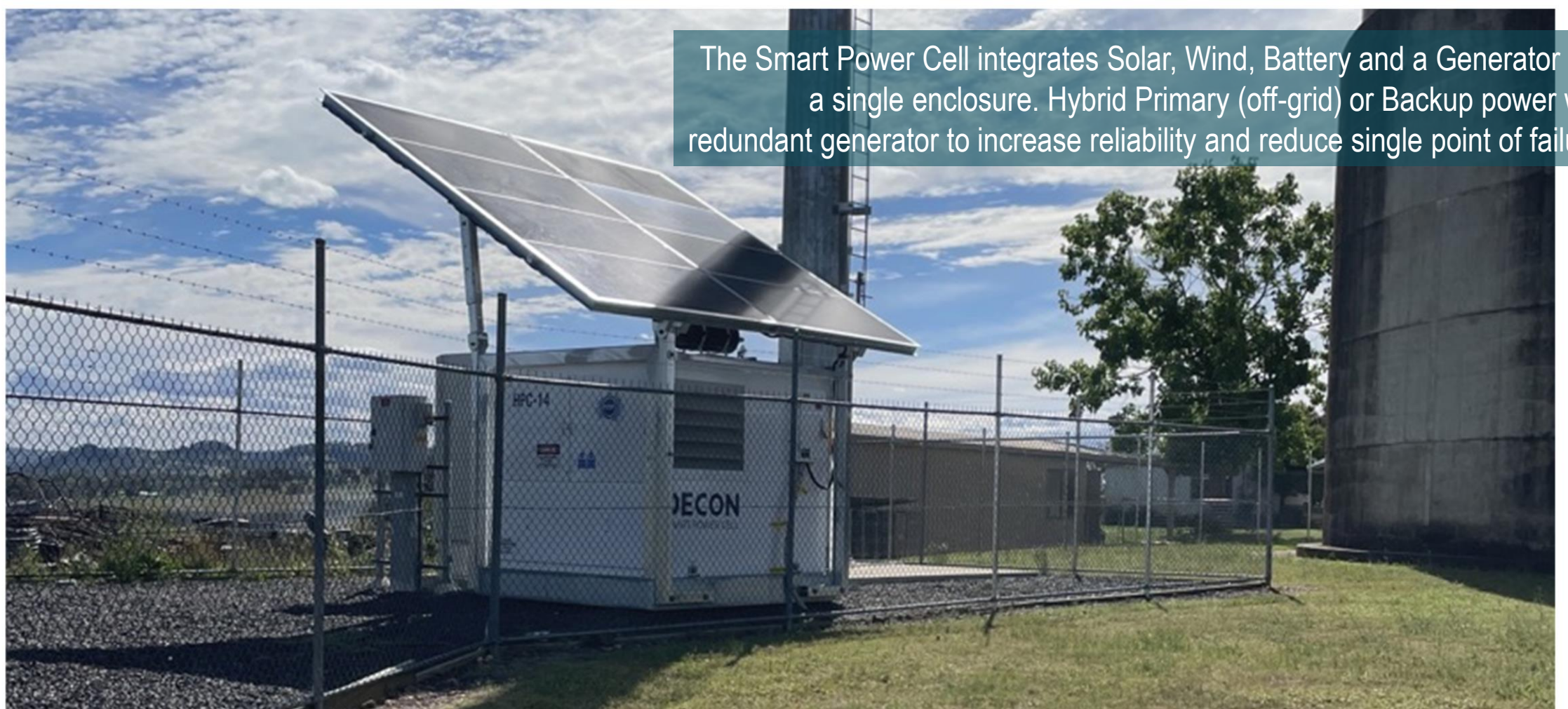
- ✓ Power generated and power output
- ✓ Security: Fully-armed with geofencing
- ✓ Web interface for live measurements

Rugged Assembly

- ✓ Concrete base, will withstand winds of up to 143km/h
- ✓ Tamper-proof design
- ✓ CCTV remote visibility
- ✓ Reduced onsite civil works

Green Battery Energy

- ✓ Sodium Nickel Chloride battery is an emerging technology in Australia
- ✓ Contains no heavy metals and emits zero dangerous gases
- ✓ Ideal for Australian conditions, no active cooling required



The Smart Power Cell integrates Solar, Wind, Battery and a Generator into a single enclosure. Hybrid Primary (off-grid) or Backup power with redundant generator to increase reliability and reduce single point of failure.



DECON
SMART POWER CELL

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Options

- ✓ Bushfire Site Recommendations:
 - + Heat Shielding
 - + Site Clearance & Hard Stand
 - + Automatic Water Capture & Site Shielding
 - + Bushfire Attack Level (BAL) Assessments and proposed remedy report
- ✓ Separate outdoor units for batteries or other customer equipment

- ✓ Additional fuel cell upon request
- ✓ Alternate fuel sources upon request
- ✓ Up to 14kW of solar panel input – roof or ground-mounted solar panels
- ✓ Wind turbines integration
- ✓ Additional battery option for increased autonomy
- ✓ Customer/Telco equipment spacing can be allocated as part of the deployment (44RU)

Site Load	Investment Saving Range	CO ² Saving Range	CO ² Savings in Tonnes Estimate
1.35kW / 25A @ 48VCD	50-60%	80-90%	50-60 Tonnes
4.05kW / 75A @ 48VDC	40-50%	65-80%	40-50 Tonnes
6.75kW / 125A @ 48VDC	30-40%	40-65%	30-40 Tonnes

Savings are estimated based upon hire cost and fuel usage when compared to a normally utilised 30kVA 24/7 Generator. Modular Solar and Wind Arrays can be installed on request to further save costs and emissions.

ANY PROJECT. ANYWHERE.



The Smart Power Cell has been designed, manufactured and assembled by Decon Technologies Pty Ltd, an Australian-owned and operated company.

www.deconcorp.com.au

