



STABILITY AT THE SOURCE
REAL-WORLD PROVEN. REPEATABLE.



KYOGLE SOLAR + BATTERY RESULTS SUMMARY

REAL-WORLD EVIDENCE FROM A FULLY OFF-GRID INSTALLATION

PERFORMANCE | RELIABILITY | ENERGY UPLIFT | EXTENDED OPERATION

SAME SYSTEM.
SAME LOCATION.
REAL RESULTS.



KYOGLE, NSW
OFF-GRID SOLAR + BATTERY SYSTEM
NO GRID CONNECTION

CLEANER ENERGY.
STRONGER COMMUNITIES.
A MORE SUSTAINABLE
TOMORROW.



EX10D
GLOBAL

PEOPLE PLANET PERFORMANCE



MORE USABLE
ENERGY



GREATER
SYSTEM STABILITY



EXTENDED
ASSET LIFE



REDUCED
GENERATOR DEPENDENCE



REAL-WORLD
FIELD VALIDATION

REAL SITES. REAL DATA. A STRONGER TOMORROW.

KYOGLE SOLAR + BATTERY — REAL-WORLD FIELD VALIDATION

Same site. Same system. No grid connection. EX10D introduced into an operating solar-battery environment.

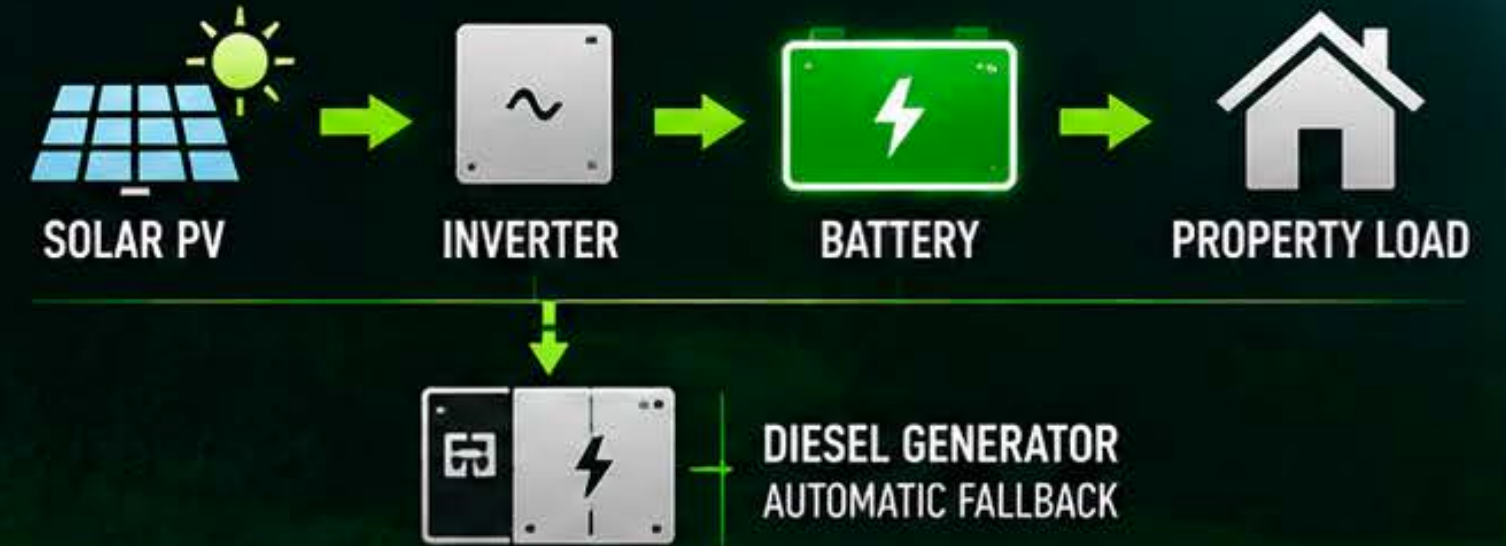
CLEANER ENERGY.
STRONGER COMMUNITIES.
A MORE SUSTAINABLE
TOMORROW.

*"Real conditions.
Real performance.
A stronger tomorrow."*



KYOGLE, NSW
OFF-GRID SOLAR + BATTERY SYSTEM
NO GRID CONNECTION

SYSTEM CONFIGURATION (OFF-GRID)



 **KYOGLE, NSW**

- ✓ Off-grid solar + battery system
- ✓ **NO GRID CONNECTION**

 **NO CHANGE TO:**

- ✓ Load
- ✓ Wiring
- ✓ Inverter settings
- ✓ Battery configuration

 **TEST ENVIRONMENT:**

- ✓ Rain
- ✓ Heavy overcast
- ✓ Variable irradiance
- ✓ Low light
- ✓ Severe weather



THE QUESTION:

COULD THE EXISTING SYSTEM DELIVER MORE USABLE ENERGY
AND REDUCE DEPENDENCE ON GENERATOR FALLBACK?

SAME
LOCATION.
SAME RESILIENCE.
**A BRIGHTER
TOMORROW.**

01

KYOGLE SOLAR + BATTERY BEFORE EX10D → AFTER EX10D

SAME SITE. SAME SYSTEM. NO GRID CONNECTION.
EX10D INTRODUCED INTO AN OPERATING SOLAR-BATTERY ENVIRONMENT.

CLEANER ENERGY.
STRONGER COMMUNITIES.
A MORE SUSTAINABLE
TOMORROW.



*"Kyogle, NSW
Real-world results."*

PRE-EX10D SOLAR POWER OUTPUT

7 November 2024	717 W
9 November 2024	909 W
12 November 2024	792 W

POST-EX10D SOLAR POWER OUTPUT

17 November 2024	2,550 W
7 January 2025	7,025 W
8 January 2025	2,106 W

OBSERVED SOLAR OUTPUT COMPARISON

AVERAGE OUTPUT

806 W → 3,894 W

CALCULATED INCREASE

≈ 383%

Based on the six displayed readings:
Pre-EX10D average 806 W • Post-EX10D average 3,894 W

INVERTER LOGS — POST-EX10D PERFORMANCE UNDER REAL-WORLD CONDITIONS

STRONG SOLAR AND BATTERY CHARGING — 0 GRID DRAW



SHOWERS



Solar Output
7,102 W
Battery Charge
5,973 W
Grid Draw
0 W



CLOUDY



Solar Output
7,878 W
Battery Charge
6,844 W
Grid Draw
0 W



OVERCAST



Solar Output
2,067 W
Battery Charge
6,004 W
Grid Draw
0 W



RAINY



Solar Output
2,180 W
Battery Charge
2,522 W
Grid Draw
0 W



THE OBSERVATION WAS NOT LIMITED TO PERFECT SOLAR CONDITIONS.



SAME SITE.
SAME SYSTEM.



NO CHANGE TO
SETTINGS OR HARDWARE.



NO GRID
CONNECTION.



REAL-WORLD
WEATHER CONDITIONS.



MEASURABLE
DIFFERENCE.

FROM FALLBACK DEPENDENCE TO EXTENDED OFF-GRID OPERATION

REAL-WORLD RESULTS. GREATER ENERGY INDEPENDENCE. A STRONGER TOMORROW.

CLEANER ENERGY.
STRONGER COMMUNITIES.
A MORE SUSTAINABLE
TOMORROW.

BEFORE EX10D

DIESEL GENERATOR REGULAR FALLBACK

Generator reportedly activated during periods of low solar availability.



- Activated during low solar periods
- Increased fuel use and operating costs
- Higher maintenance requirements
- Reduced energy independence

WITH EX10D

~12 MONTH FIELD PERIOD GENERATOR REPORTED IDLE

No generator fallback during ~12 months of operation, including rain, overcast and severe weather conditions.



- Sustained solar and battery performance
- No generator fallback events
- Stable operation in all weather conditions
- Greater energy independence
- Lower operating costs



REMOVAL EVENT

EX10D REMOVED ~10:00 PM

GENERATOR ACTIVATED ~3:00 AM

No change to load, system configuration or battery condition. EX10D removal was the changed variable.



- Generator activated within hours
- No change to load or system settings
- Same hardware and battery condition
- EX10D removal identified as the changed variable



INSTALL
EX10D DEPLOYED



OBSERVE
MONITOR PERFORMANCE



EXTENDED OPERATION
~12 MONTH FIELD PERIOD



REMOVE
EX10D REMOVED



FALLBACK
GENERATOR ACTIVATED



THE REMOVAL EVENT MAKES KYOGLE PARTICULARLY IMPORTANT FOR **FORMAL A-B-A REPLICATION.**



SAME SYSTEM.
SAME LOCATION.



REAL-WORLD
WEATHER CONDITIONS.



REAL DATA.
REAL OUTCOMES.



A MORE SUSTAINABLE
TOMORROW.

EX10D

PEOPLE.
PLANET.
PERFORMANCE.

KYOGLE — FROM FIELD OBSERVATION TO INDEPENDENT VALIDATION

CLEANER ENERGY.
STRONGER COMMUNITIES.
A MORE SUSTAINABLE
TOMORROW.



**EX10D
GLOBAL**

PEOPLE · PLANET · PERFORMANCE

01 SOLAR



Generation remained substantial under a **variety of weather and low-light conditions.**

02 BATTERY



High battery-charge rates were recorded during post-EX10D operation. The appendix reports post-installation charge rates ranging from approximately **2,522 – 6,004 W** in the comparison it presents.

03 SYSTEM CONTINUITY



The document reports extended operation **without diesel-generator fallback** across the long-duration field period.

04 REVERSAL



Generator fallback reportedly returned **within hours** of EX10D removal.



NEXT: INDEPENDENT A-B-A VALIDATION

BASELINE



EX10D



REMOVE



REINTRODUCE



VERIFY

MEASURE:



Solar irradiance
(W/m²)



PV DC power



Inverter AC output



Battery SOC &
charge/discharge
power



Property load



Generator runtime
& fuel



Panel / inverter /
battery temperatures



SAME SOLAR RESOURCE. SAME LOAD. SAME HARDWARE. MEASURE THE DIFFERENCE.



Kyogle represents real-world field evidence. Independent controlled replication with irradiance-normalised energy measurements would establish the magnitude, repeatability and statistical significance of the observed effect.

KYOGLE SOLAR + BATTERY
**THE RESULTS CAME FROM THE
SOLAR SYSTEM'S DIGITAL RECORDS**

CLEANER ENERGY.
STRONGER COMMUNITIES.
A MORE SUSTAINABLE
TOMORROW.

Not estimates. Not reconstructed from memory. Recorded operating data from the installed solar and battery monitoring system.



SOLAR GENERATION
Recorded system output

7 November 2024
6:20 pm



- ✓ Real system operating data
- ✓ Recorded solar generation (W)
- ✓ Actual date and time stamps
- ✓ From installed monitoring system



BATTERY CHARGING
Recorded charge behaviour

17 November 2024
1:16 pm



- ✓ Recorded battery charge power
- ✓ High charge rates observed
- ✓ Real operating conditions
- ✓ Direct from system digital logs



PROPERTY CONSUMPTION
Recorded operating demand

7 January 2025
2:14 pm, SUNNY 31°C



- ✓ Recorded property load (W)
- ✓ Actual operating demand
- ✓ Same system, same monitoring
- ✓ From installed digital records



FALLBACK / GENERATOR EVENTS
Recorded system behaviour

8 January 2025
3:44 pm, RAINY DAY 32°C



- ✓ Generator events recorded
- ✓ 0 W grid draw in this example
- ✓ System behaviour logged
- ✓ Direct from digital records



DATE & WEATHER
Matched to operating periods

7 January 2025
2:14 pm, SUNNY 31°C



- ✓ Weather conditions recorded
- ✓ Date and time stamped
- ✓ System and site details
- ✓ From installed monitoring system



SYSTEM RECORD
Inverter / Monitoring Data



DATE / TIME
Recorded from Logs



OPERATING CONDITION
Weather / Load



EX100 STATUS
Installed / Removed



OBSERVED RESULT
Power / Charge / Generator



**THE KYOGLE RESULTS WERE DRAWN FROM THE OPERATING SYSTEM'S DIGITAL RECORDS —
NOT FROM SUBJECTIVE OBSERVATION ALONE.**



REAL DATA.
REAL OUTCOMES.



REAL-WORLD
WEATHER CONDITIONS.



INDEPENDENT
VALIDATION WELCOME.



A MORE SUSTAINABLE
TOMORROW.

EX100™

PEOPLE.
PLANET.
PERFORMANCE.

The digital records provide an important real-world evidence source. Independent replication with calibrated irradiance, power, battery, load and environmental instrumentation would provide the next level of validation.

01 DIGITAL SYSTEM RECORDS



- ✓ Inverter/monitoring system records
- ✓ Time-stamped data
- ✓ Solar, battery, load and generator status
- ✓ Continuous records from the installed system

OBJECTIVE DATA

02 BEFORE / AFTER OBSERVATION



- ✓ Same site
- ✓ Same hardware
- ✓ Same load
- ✓ Same monitoring
- ✓ Significant increase in solar output and battery charging observed

CLEAR CHANGE

03 LOW-LIGHT & WEATHER OPERATION



- ✓ Strong solar and battery performance in rain, overcast and low-light conditions
- ✓ No grid connection
- ✓ 0 W grid draw (post-EX10D observations)

ALL WEATHER

04 EXTENDED GENERATOR-IDLE PERIOD



- ✓ ~12 months of operation
- ✓ No generator fallback reported
- ✓ Stable system operation
- ✓ Greater energy independence

LONG-DURATION

05 EX10D REMOVAL



- ✓ No change to load
- ✓ No change to system configuration
- ✓ No change to battery condition
- ✓ EX10D removal was the changed variable

CONTROLLED TEST

06 GENERATOR FALLBACK



- ✓ Generator reported to activate within hours of EX10D removal
- ✓ System reverted to fallback behaviour
- ✓ Consistent with earlier pre-EX10D operation

REPEATED BEHAVIOUR

07 NEXT: INDEPENDENT A-B-A REPLICATION



- ✓ Independent measurement
- ✓ Irradiance-normalised data
- ✓ Repeat across seasons
- ✓ Independent oversight
- ✓ Validate magnitude, repeatability and statistical significance

SCALE WITH CONFIDENCE



NOT ONE DATA POINT — A SEQUENCE OF OBSERVATIONS.



REAL DATA.
REAL OUTCOMES.



REAL-WORLD
WEATHER CONDITIONS.



INDEPENDENT
VALIDATION WELCOME.



CLEANER ENERGY.
STRONGER COMMUNITIES.



PEOPLE.
PLANET.
PERFORMANCE.

EX10D

ENVIRONMENTAL STABILISATION TECHNOLOGY
— GLOBAL INFRASTRUCTURE PERFORMANCE LAYER —

Across multiple operating environments,
EX10D has demonstrated a recurring
directional pattern of:



VALIDATED
↓
DEPLOYING
↓
SCALING

THE COMPANY CONTINUES TO PURSUE:

- ✓ Independent Verification
- ✓ Strategic Partnerships
- ✓ Pilot Programs
- ✓ Commercial Deployment
- ✓ Infrastructure Participation
- ✓ Global Expansion Opportunities



DIFFERENT SYSTEMS



SAME RESPONSE PATTERN



GLOBAL DEPLOYMENT OPPORTUNITY

EX10D

STABILITY AT
THE SOURCE

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INDEPENDENT PARTICIPATION WELCOME



STRATEGIC PARTNERSHIPS INVITED



GLOBAL DEPLOYMENT OPPORTUNITIES

STABILITY AT THE SOURCE. | PERFORMANCE AT SCALE.