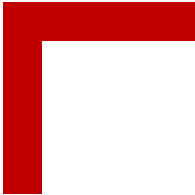
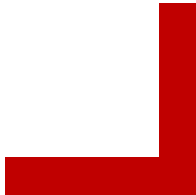




ENDURIUM™ PRODUCT LAUNCH WEBINAR

December 2024



- 
- A large red L-shaped graphic in the top-left corner of the slide content area.
- 1 Product Overview**
 - 2 Project Economics**
 - 3 Project Suitability**
 - 4 Next Steps & Working Together**
 - 5 Q&A**
- 
- A large red L-shaped graphic in the bottom-right corner of the slide content area.

The World's Most Proven LDES Battery Technology

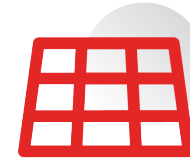
ENDURIUM™ delivers best-in-class non-lithium LDES technology performance...



80% DC RTE
15 ms Response



75% Reduced O&M
Streamlined Commissioning



100 MWh / Acre

...With the fundamental advantages of Invinity's VFB technology.



Fire Safe and
Quiet



No Cycle-Driven
Degradation



Configurable and
Scalable



99% Recyclable

3 MW / 12 MWh System

- 40 modules
- 10 Strings
- 1 Array
- 1 Gamesa Inverter

Layout Advantages

- Stackable
- No Exclusion Zone
- Integrated Wireways
- Simplified O&M



RATED POWER:
CONTINUOUS

3-250+
MW

ENERGY STORAGE:
NOMINAL

12-1000+
MWh

ENERGY STORAGE:
DURATION

4-18
HOURS

AVAILABLE
DEPTH OF
DISCHARGE:

100%

CYCLE LIFE:
UNLIMITED

LIFETIME:

25
YEARS

ENDURIUM™ delivers

- Reduced construction risk
- Easier planning & permitting
- Long-term performance capabilities
- Flexibility to address current and future market opportunities



DNV Bankability Report

- Third party product and company review
- Available under NDA



Manufactured in the UK & Canada
US domestic content by 2026

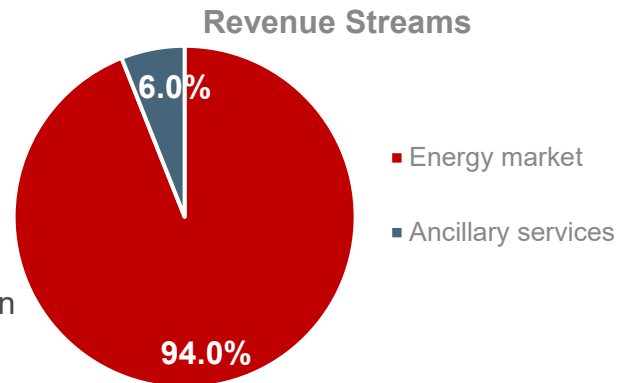
ENDURIUM™ can capture revenue from a wide range of streams and battery use cases.

CASE STUDY 1



ERCOT MERCHANT BATTERY SYSTEM

- 4-hour standalone vanadium-flow battery system that is distribution connected in West Zone
- Revenue breakdown is based on the annual average of 25-year lifetime revenues
- Ancillary services include contingency reserve service, non-spin, responsive reserves & regulation
- Operational flexibility ideal fit with wind generation



North America's Largest Vanadium Flow Battery / California Microgrid Resilience 10 MWh

2023

CASE STUDY 2

LONG-DURATION ENERGY STORAGE

- State and provisional LDES procurements are growing and will be funded by long-term contracts
- Utility integrated resource plans adding LDES too
- +3 GW of non-lithium LDES with durations of 6- to 12-hours have been announced in 2024 alone
- ENDURIUM™ is an ideal fit due to its proven core technology, RTE, operational range, and scalability



CALIFORNIA
Public Utilities Commission



NYSERDA



- ENDURIUM™ has the flexibility to capture current and future revenues in ever evolving wholesale markets
- Invinity's US DOE LDES awards (covering four projects) will all be deployments of ENDURIUM™
- Invinity can help partners win demonstration project funding and LDES procurements
- ENDURIUM™ qualifies for the 30% ITC in both US and Canada; Will qualify for US 10% domestic content bonus by 2026

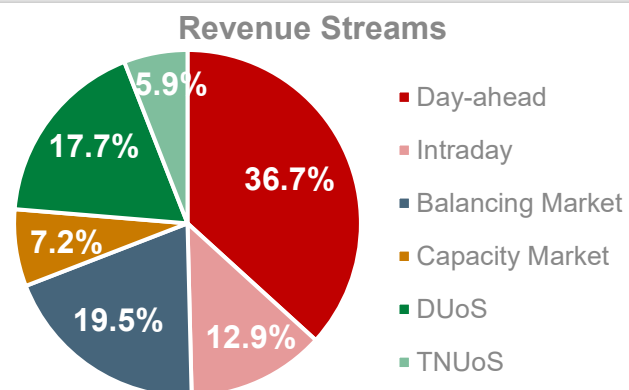
ENDURIUM™ can capture revenue from a wide range of streams and battery use cases.

CASE STUDY 3



GB MERCHANT BATTERY SYSTEM

- 4-hour standalone vanadium-flow battery system
- Distribution connected in South-East England
- Revenue breakdown is based on the annual average of 25-year lifetime revenues
- Similar revenue streams possible when system is co-located with Solar
- Also capable of capturing any ancillary services



CASE STUDY 4

LONG-DURATION ENERGY STORAGE

- UK Government's LDES Cap and Floor Scheme will provide long-term contracted revenues
- Stream 2 is expected to require proven novel technologies (i.e. – non-lithium) capable of delivering 300 MWh systems
- ENDURIUM™ is a commercially-proven UK manufactured battery capable of meeting the Stream 2 objectives



- ENDURIUM™ has the flexibility to capture current and future revenues in ever evolving wholesale markets
- Invinity UK-made batteries have gained the internationally recognised Made in Britain trademark
- Through the UK's National Wealth Fund (formerly UKIB), Invinity Energy Systems has capital available for co-investing in UK storage projects

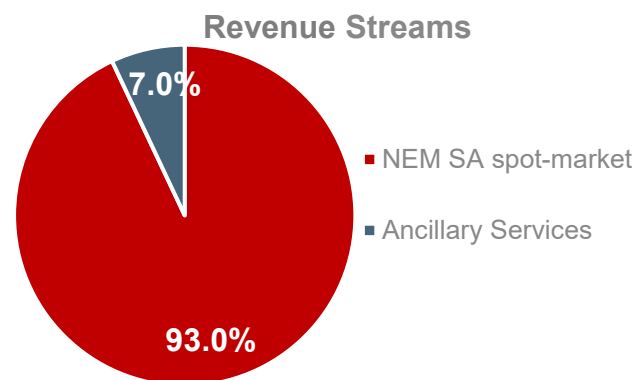
ENDURIUM™ can capture revenue from a wide range of streams and battery use cases.

CASE STUDY 5

Gridcog

NEM SA MERCHANT BATTERY SYSTEM

- 4-hour standalone vanadium-flow battery system that is distribution connected in South Australia
- Revenue breakdown based on historical revenues and 25-year asset life
- Fully capable of optimizing capturing relevant ancillary services
- Operational flexibility ideal fit with wind generation



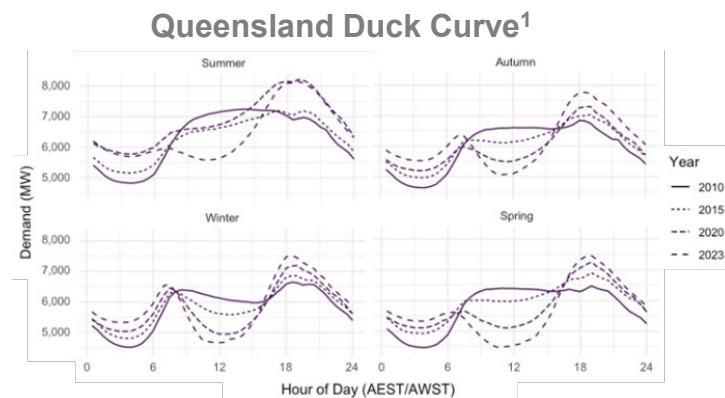
Australia's First Dispatchable Solar Plant
Solar plus Storage 8.3 MWh 2023

CASE STUDY 6

Gridcog

QLD SOLAR + STORAGE

- Solar connected 4-hour vanadium-flow battery system in Queensland
- Increasing solar penetration has greatly reduced mid-day energy demand
- ENDURIUM™ could not only shift solar energy to the evening peak but also could then fully recharge at night from the grid for an early morning discharge



- ENDURIUM™ has the flexibility to capture current and future revenues in ever evolving wholesale markets
- Potential long-duration energy storage procurements are likely to have similarities to North American LDES programs, to which ENDURIUM™ is especially well suited
- Australia has strategic interest in flow batteries because of its significant vanadium reserves

(1) <https://www.gridcog.com/blog/the-duck-curve>



Application

- 12 MWh minimum capacity
- 4-18 hour discharge duration
- High annual cycle count (250-750+)



Site

- Network connection agreed or in progress
- Sufficient land to accommodate up to 100 MWh / Acre
- ENDURIUM can address planning challenges around fire risk or noise



Funding

- Equity or debt funding in place
- Opportunities to access funding/grant support for innovative applications



Execution

- Project delivery partner / EPC required
- ~6-15 months lead-time from signed purchase order
- Delivered from UK or Canada today with deliveries from USA from 2026
- Regional partner deliveries (e.g. Everdura/Taiwan) from 2025

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Next Steps

- Alignment Conversation
- Mutual NDA
- Discovery Meeting
- Project Intake Form
- Generate Proposal

Thank you! Q&A

ENDURIUM™





We Deliver Energy Storage Beyond Lithium