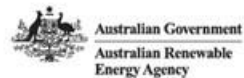


Networks Advisory Group

Meeting 19 Briefing Information

Tuesday 4 April 2023 | 1:30pm – 2:30pm AEST



Agenda



Item	Lead	Timing
Welcome, Acknowledgement of Country and Safety Moment	Anoop Nambiar/ Peter Wong	5 min
EDGE Project update	Anoop Nambiar	15 min
Preliminary Local Service Exchange Trial Results	Fredy Mejia <i>EY</i>	20 min
Industry discussion time	All in attendance	20 min
Wrap up and look-ahead	Anoop Nambiar	5 min

A photograph of a dense forest of tall, thin trees with green foliage under a clear blue sky. The trees are the central focus, with their trunks and branches creating a complex pattern against the sky. The lighting is bright, suggesting a sunny day.

Acknowledgment of Country

We acknowledge the Traditional Owners of country throughout Australia and recognise their continuing connection to land, waters and culture.

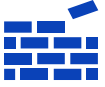




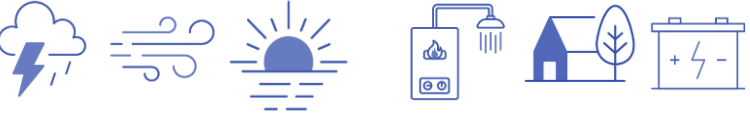

We pay our respects to their Elders past, present and emerging.

Safety moment

EDGE Project update

What did we achieve?

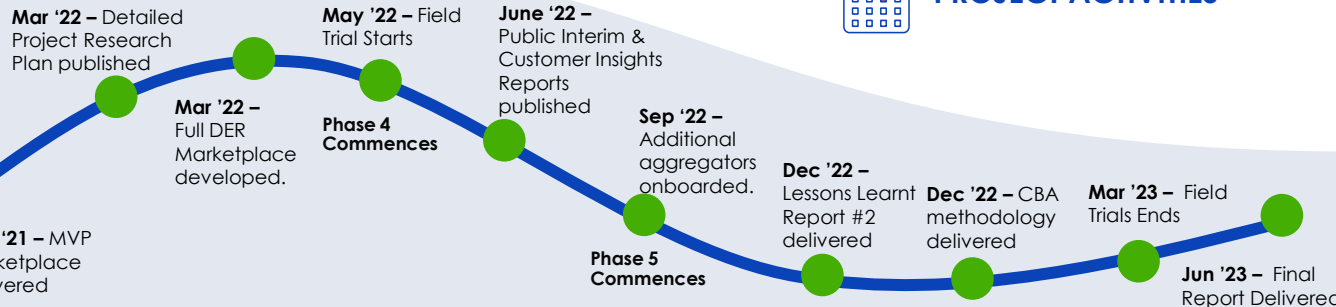
Project EDGE is an innovative, first of its kind trial demonstrating a proof-of-concept DER Marketplace to inform current and future reforms in line with Australia's Energy Security Board Post 2025 NEM initiatives.

	<p>54 Platform Functionality releases occurred:</p> <ul style="list-style-type: none"> • 8 major • 46 minor 		<p>Project EDGE tested innovative concepts:</p> <ul style="list-style-type: none"> • Aggregator participation in a DER marketplace • Value stacking of multiple value streams • A decentralised data exchange approach 		<p>320+ Residential and Commercial & Industrial Customers</p>	
<p>22</p>		<p>12 Enrolment cycles including:</p> <ul style="list-style-type: none"> • AusNet & AEMO validations • Enrolment in Marketplace 		<p>400+ DER assets including Rooftop Solar, Batteries, controlled Hot Water systems and other loads</p>	<p>Project EDGE brings together:</p> <ul style="list-style-type: none"> • Diverse mix of customers • DER equipment, • Manufacturers • DER device control systems 	
<p>Field Tests conducted, including:</p> <ul style="list-style-type: none"> • Decentralised data exchange • Participant and communication failures • Market interventions via contrasting networks and AEMO • Extreme wholesale prices 		<p>333 Days in Operational Trial</p> <ul style="list-style-type: none"> • 10 Organisations working across 6 time zones • Operated 24/7 to data collection to support research outcomes • Provided LSE & Wholesale services using single platform 	<p>3.5MW+ Flexible capacity available</p>		<p>EDGE includes Retailer and Non-Retailer Aggregator business models.</p>	



PROJECT ACTIVITIES

STAKEHOLDER MANAGEMENT INFORMING REFORM



150+
Over formal Stakeholder Engagements

Current and past:

- Scheduled Lite
- Integrating Energy Storage Systems
- DEIP DOE WG
- AER Flexible Export Limits (DOE)
- Flexible Trading Arrangements
- DER Data Exchange
- DER Network Services ⁶



20+
Released Knowledge Sharing Reports and Presentations

Local Service Exchange (LSE) Trial Results

**Material to be provided separately by EY on
the day or before**

Industry Discussion

Discussion Topic - Use of a centralised platform for enabling (DER based) non-network solutions for network support.

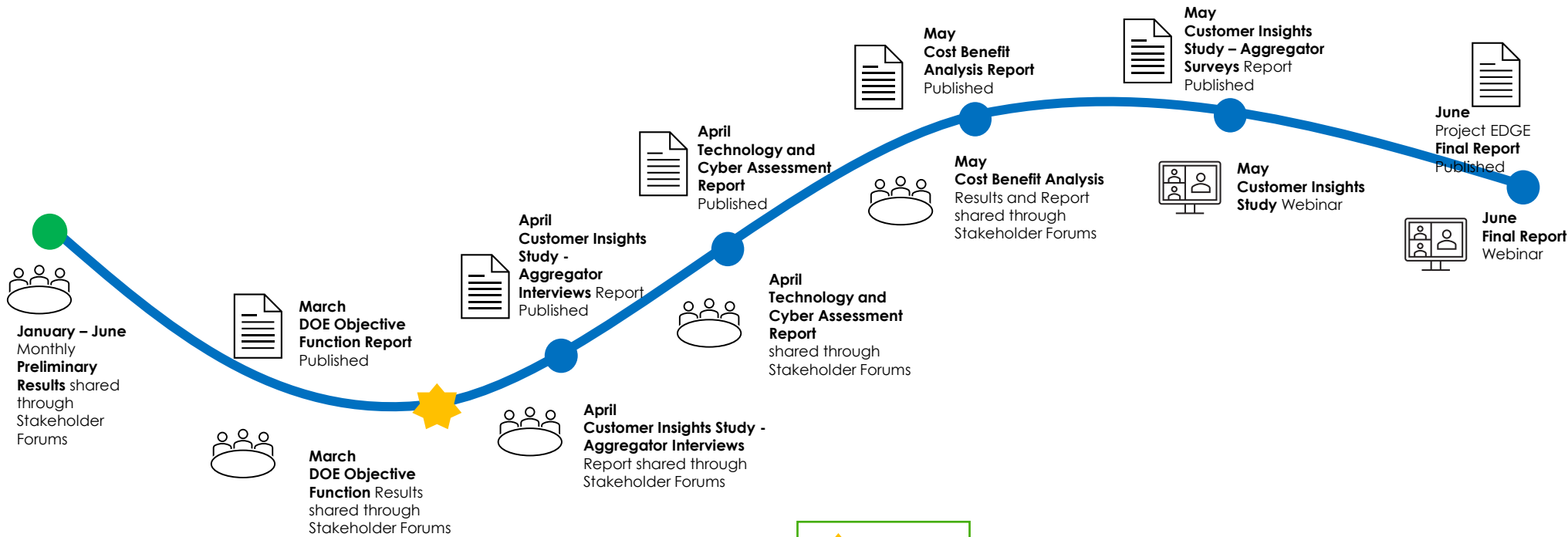
- What are the barriers (if any) for DNSP to utilise local network services from DER?
- How would DNSPs provide appropriate investment signals to support aggregators' customer acquisition activity for DER based network support?
- Feedback from EDGE aggregators suggest that an industry standard approach to contract and dispatch DER based network support services is preferred to lower barriers to entry and optimise operations. Do you support this? If so, what governance and ownership model would you see for it? If not, why not?
- How can/should DNSPs actively facilitate value stacking by the customers/aggregators?

Upcoming Activities

Project EDGE - 2023 Knowledge Sharing Roadmap



PROJECT EDGE Knowledge Sharing Calendar



*Please note these are currently indicative dates



Thank You