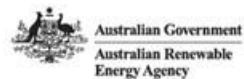


Networks Advisory Group

Meeting 18 Briefing Information

Tuesday 14 February 2023 | 1:30pm – 3:00pm ADST



Agenda



Item	Lead	Timing
Welcome, Acknowledgement of Country and Safety Moment	Anoop Nambiar	5 min
EDGE Project update	Anoop Nambiar	15 min
Techno-economic modelling preliminary results - DOE voltage constraint profiles by scenario	Ezra Beeman <i>Energeia</i>	20 min
Local network service compliance & performance assessment	Vincent Frandina <i>AusNet</i>	20 min
Preliminary Trial Results	Matt Armitage <i>EY</i>	20 min
Wrap up and look-ahead	Anoop Nambiar	

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

Safety item



EDGE Project update

What have we achieved to date?

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.



100+

formal engagements with stakeholders including:

- 3 monthly forums to support communication with key stakeholder groups
- 1-1 engagements with the ESB, AER, AEMC, and ENA
- Engagements with aggregators participating in the project
- Internal engagement to align activities with reform initiatives.



15+

Knowledge Sharing Reports and Presentations published on Project EDGE website:

- Project EDGE Research Plan
- Public Interim Report & Customer Insights Study with recorded webinars
- Cost Benefit Analysis Process and Methodology Report
- 2 Lessons Learnt Reports
- University of Melbourne Public Webinar



2MW+

Flexible capacity available



200+

Residential and Commercial & Industrial Customers



350+

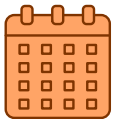
DER assets including Rooftop Solar, Batteries, controlled Hot Water systems and other loads



Project EDGE brings together:

- Diverse mix of customers
- DER equipment,
- Manufacturers
- DER device control systems

EDGE includes Retailer and Non-Retailer Aggregator business models.



PROJECT ACTIVITIES:

Nov '21 – MVP Marketplace delivered

Dec '21 – Aggregator onboarding requirements published

Mar '22 – Detailed Project Research Plan published

Mar '22 – Full DER Marketplace developed.

June '22 – Public Interim & Customer Insights Report published

June '22 – Public Webinars on Interim and Customer Insight Reports

Sep '22 – Additional aggregators onboarded. **Phase 5 of trial commenced**

Dec '22 – Delivered CBA methodology and process report

Dec '22 – Delivered Lessons Learnt Report #2

INFORMING REFORM

Current and past:

- Scheduled Lite
- Integrating Energy Storage Systems
- DEIP DOE WG
- Dynamic Operating Envelopes (DOE)
- Flexible Trading Arrangements
- DER Data Exchange
- DER Network Services

PRESENTATIONS

Presented at the following Domestic and International conferences in 2022:

- Energy Systems Integration Group
- Australian Renewable Energy Agency DEIP Dive
- Association of Power Exchanges
- International Conference of Renewable & Distributed Energy Resources

Techno-economic modelling preliminary results - DOE voltage constraint profiles by scenario

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

Local network service compliance & performance assessment

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

Preliminary Field Trial Insights

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

Upcoming Activities

Project EDGE - 2023 Knowledge Sharing Roadmap



EDGE Trial Knowledge Sharing Calendar

We Are Here



January – June
Monthly
Preliminary Results shared through Stakeholder Forums



February
Customer Insights Study - Aggregator Interviews Report shared through Stakeholder Forums



February
Customer Insights Study - Aggregator Interviews Report Published



March
Tech & Cyber Assessment Report Published



March
Tech & Cyber Assessment Report shared through Stakeholder Forums



March/April
DOE Objective Function Report Published



March/April
DOE Objective Function Results shared through Stakeholder Forums



April/May
Cost Benefit Analysis Results and Report shared through Stakeholder Forums



April/May
Cost Benefit Analysis Report Published



May
Customer Insights Study Webinar



May
Customer Insights Study - Aggregator Surveys Report Published



June/July
Final Report Webinar



June
Project EDGE Final Report Published