

Evoenergy Energy Consumer Reference Council

Meeting 30, August 2019



WELCOME

- Introductions
- Review and ratify minutes from meeting 29
- Member updates

Consumer Challenge Panel and Australian Energy Regulator: Introduction and Role

Robyn Robinson, CCP24 Chair

Mark Grenning, CCP24 Member

Slavko Jovanoski, Director, Networks, AER

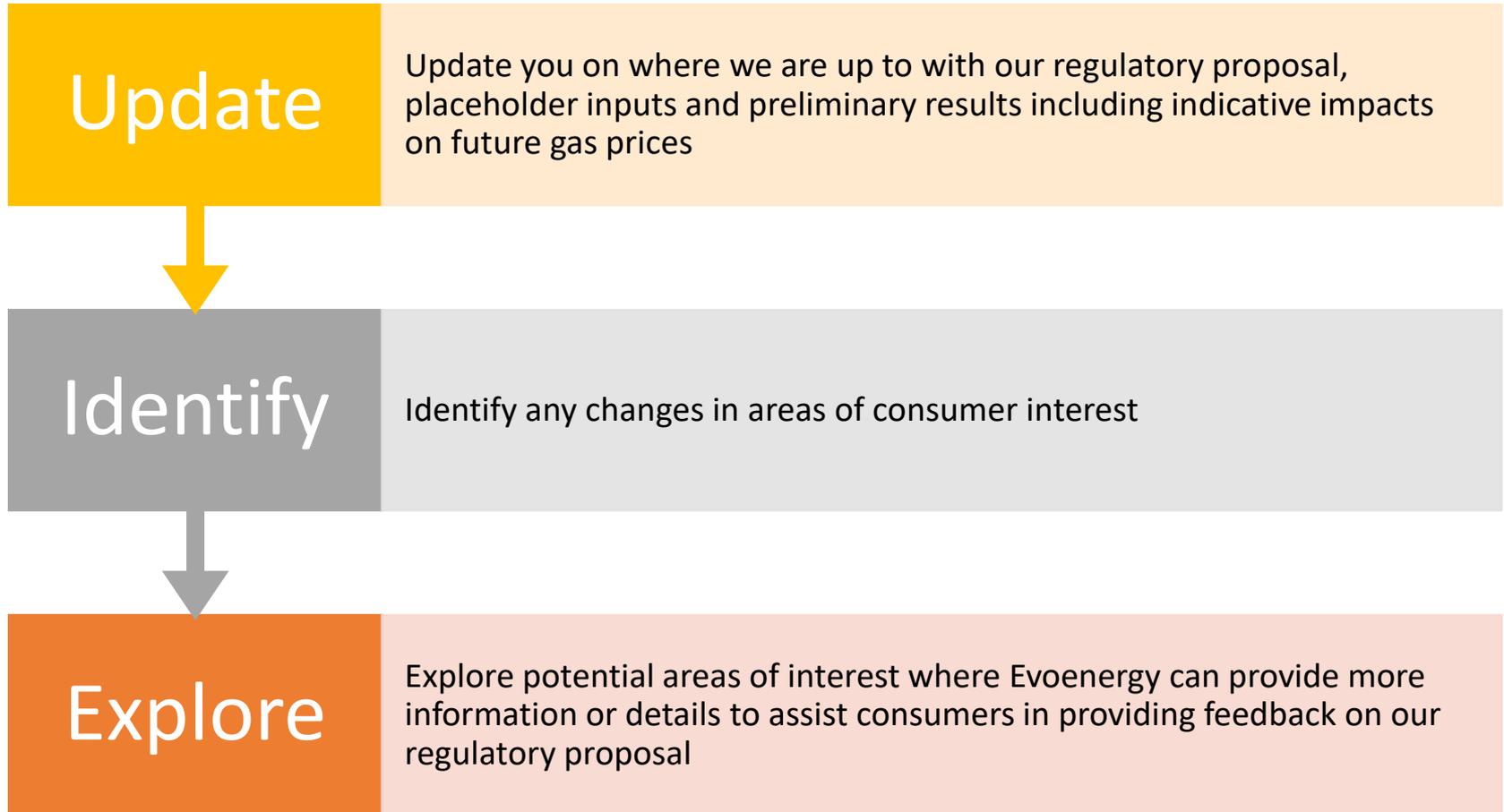


Gas network 2021-26 access arrangement review

ECRC update 14 August 2019

Alexis Hardin, Link Economics

What are our objectives for today?



Feedback we received during the last regulatory reset

Consumers:

value safety and reliability, but worry about affordability

want price stability and certainty

are interested in what the long-term energy infrastructure looks like for the ACT

want vulnerable customers to be supported

are keen to be involved in future energy discussions

Are each of these more / less / as important for the next 5 year plan?

Other feedback we invite from you

Preliminary modelling results...

- Feedback on inputs, methodology & results.
- Are there particular scenarios you want us to model?
- Who else needs to be represented in these conversations?
- What have we not thought of yet?

What areas do you want to explore further?

Other views on options for zero net emissions by 2045

Details of our capex plan

Details on our opex calculation: benchmarking results and estimating trend factors

How volumes (gas use) is forecast

Potential trade-offs between cost and service levels

Price smoothing options

Our proposed tariff structure

Options for assisting vulnerable customers

Environmental management

Bronwen Butterfield, Environment Team Lead

Environment Protection Act

Heritage Act

Environment Protection and Biodiversity Conservation Act

Emergencies Act

Planning and Development Act

Territory Plan

Tree Protection Act

Nature Conservation Act

National Capital Plan

Waste Management and Resource Recovery Act

Waste generation and disposal

Work Order

Description: Replace Pole
Number: 29576
Entity Type: SUPPORTSTRUCTUREDISTR
Category: Replacement
Priority: Medium
Work Type: Network Initiated Replace
Source Ref:
Mat Req Status: Sent With Error
Status: Scheduled
Stage:
Requested By: LI, MEI
Supervisor: SPENCE, BOB
Submit To: HARTAS, MARK
Date: 27/07/2017 3:52 PM
Branch: WD - OH - Overhead As
External?:
Breach Dates:
Program Start: 1/06/2017
Program Finish: 31/06/2017
Scheduled Start: 21/07/2017 3:53 PM
Scheduled Finish: 11/08/2017 3:52 PM
Created By: MELI
Date: 11/07/2017 2:38 PM
Closed By:
Date:
Completed By:
Actual Start:
Actual Finish:
Add Comments:
Existing By LI, MEI: 11/07/2017
Comments: Replace damaged LV of 9.5m LV concrete pole. TTRAP 09

Results

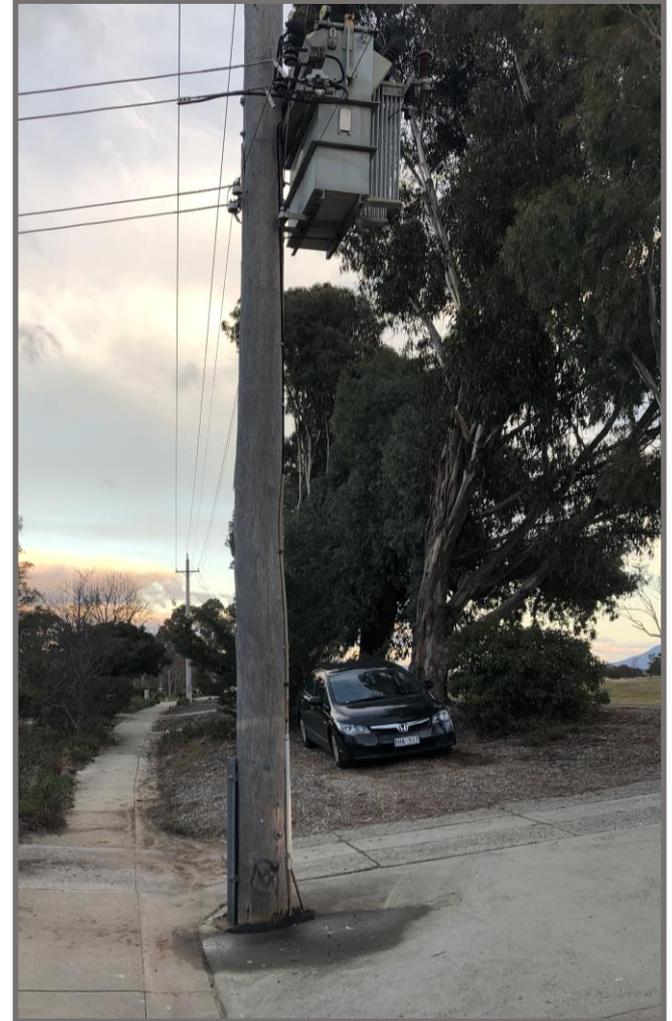
Selected-Support Structure (Distribution) (1)

OBJECTID	Unique ID	Asset Number	Commission
7875	11039582	POL75106	7/10/2011

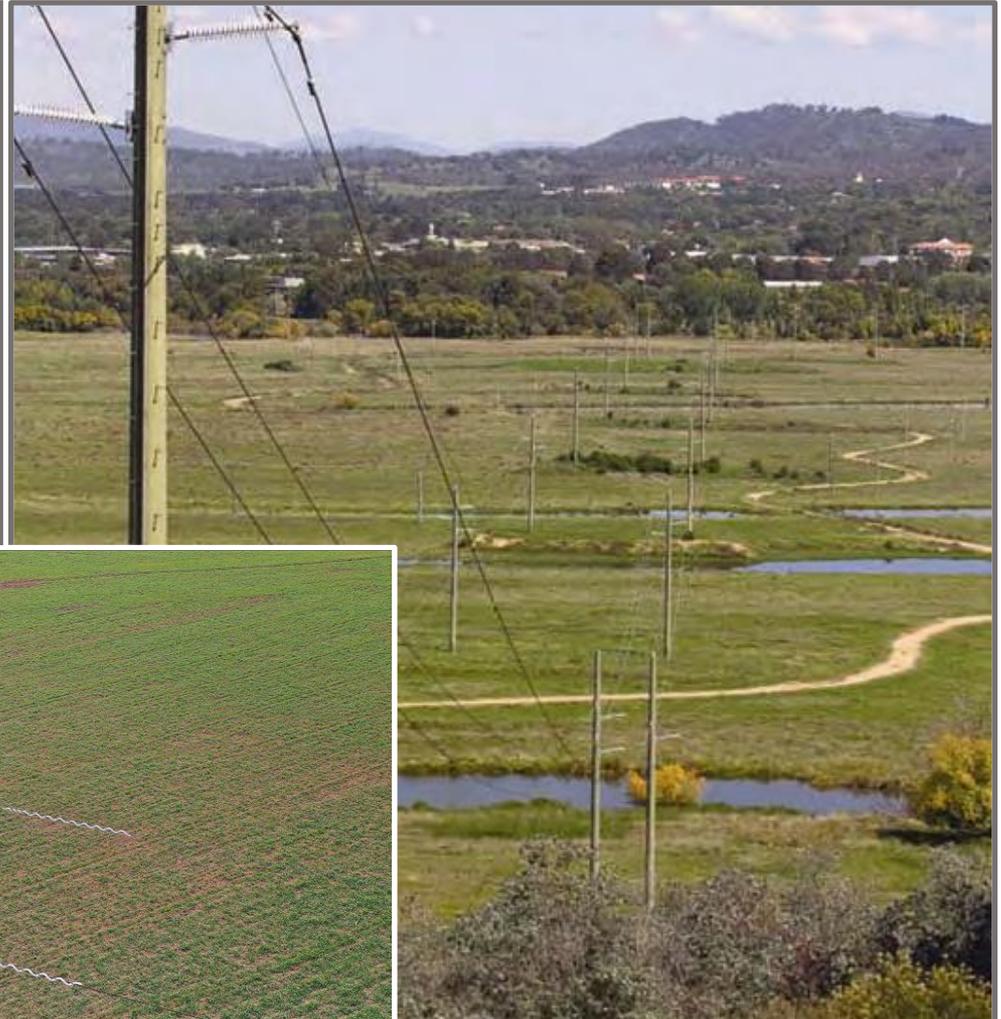
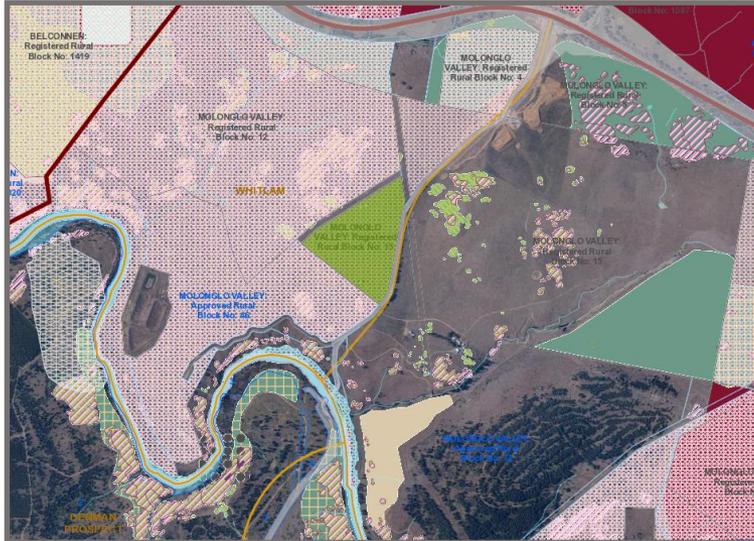
Map labels: NEWCASTLE STREET, SL219209, OLV75106, SL219146, POL751, SL219146



Oil spills and leaks

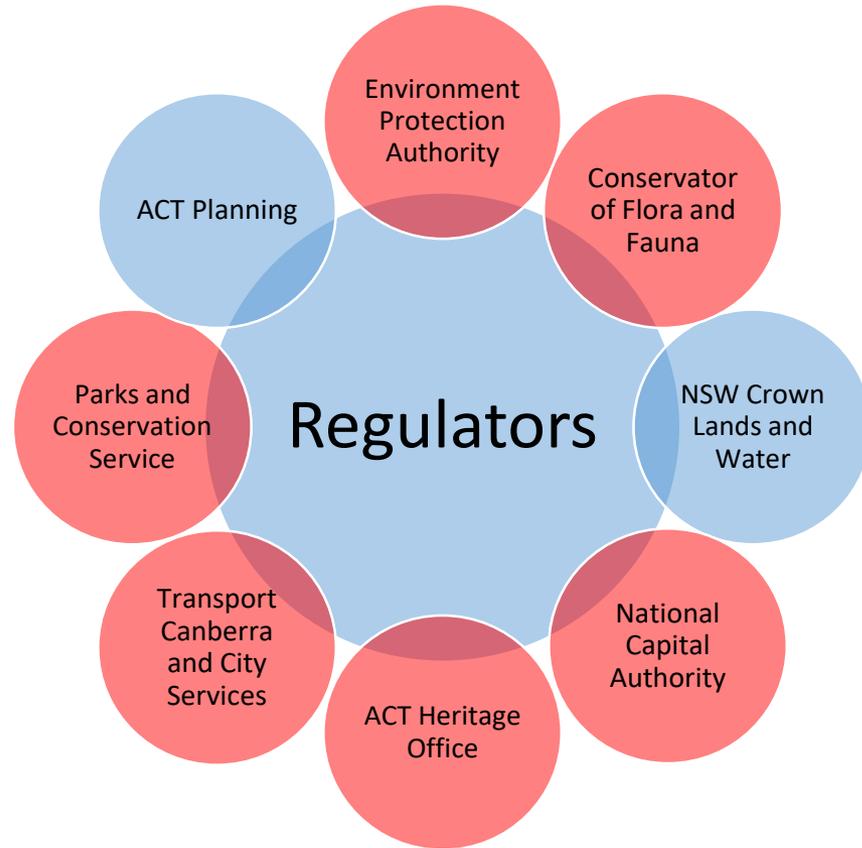


Assets in nature reserves and sensitive areas





Pole maintenance in nature reserve



Approvals facilitated through notifications, engagement and issue of licences

Installation of a new high voltage feeder

- Excavation in potentially contaminated area.
- Entry to area of heritage value.
- Entry to area of ACT and Commonwealth conservation significance.
- Commonwealth land
- Designated lands under National Capital Plan



Likely assessments and approvals required – Development Application, Environmental Impact Statement, Referral, Environmental Agreement, National Capital Authority Works Approval

Other environmental management priorities

Environmental management system ISO 14001

Climate change mitigation – low environment / carbon footprint

Climate change adaptation – planning for extreme events

Legacy waste elimination – PCBs, asbestos etc.

ECRC Terms of Reference Review 2019

Giuliana Baggoley, Consumer Engagement
Manager

Energy Consumer Reference Council Terms of Reference Review 2019



Energy Consumer Reference Council Terms of Reference

1. The Council

The Energy Consumer Reference Council (ECRC) is a regular forum to engage with representatives of Evoenergy's consumers. It is a mechanism to obtain customer feedback that can be incorporated into both long-term planning and business-as-usual issues into the future. It will consider Evoenergy's prices and service offerings.

The ECRC is a key component of Evoenergy's ongoing commitment to engaging with consumers, customers, stakeholders and the broader community. Other aspects of Evoenergy's engagement program include focus groups, community briefings, a consumer survey and a revision and enhancement of online information. There will be specialist activities to engage with consumer sub-sets that have particular requirements, including government customers and retailers.

These Terms of Reference set out the purpose and conditions for operation of the ECRC.

2. ECRC Objectives

The ECRC will seek meaningful feedback from consumer representatives on key issues in the sector. It will:

- Provide information and support to foster deeper understanding of the issues and challenges.
- Arrange facilitation of discussions on these issues.
- Obtain feedback from Evoenergy on the outcomes of the engagement subject areas.

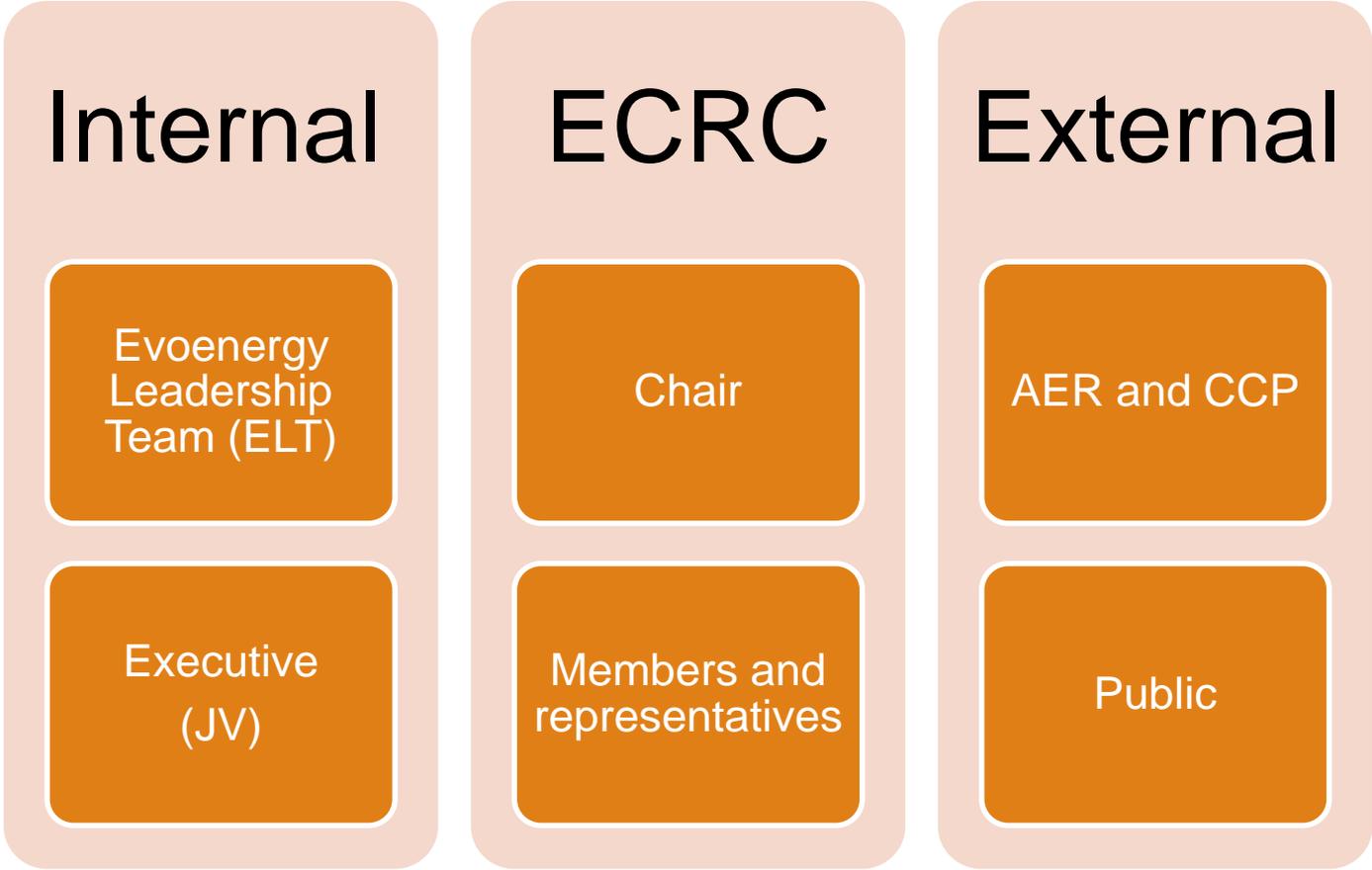
This information will be provided in accordance with the principles established in Evoenergy's Consumer Engagement Strategy, which are:

- Clear, accurate and timely information
- Accessible and inclusive
- Transparent
- Measurable
- Long-term

The ECRC will seek to reasonably balance competing interests and ensure that consumer engagement and input plays an important role in Evoenergy's operations and service delivery. Discussions and decisions of the ECRC meetings do not in any way bind the individual members of the ECRC or represent an endorsement by individual members.

1

Stakeholder Engagement



Next steps

- Stakeholder consultation August – September
- Finalise ToR review October 2019

QUESTIONS

- How would you like to contribute?
- Do you have any initial feedback today?

Remote Area Power System (RAPS)

PROJECT OVERVIEW

ECRC August 2019



Wee Jasper

Walloo

Gungahlin

Bywong

Belconnen

Bungendore

Canberra

Canberra

Fyshwick

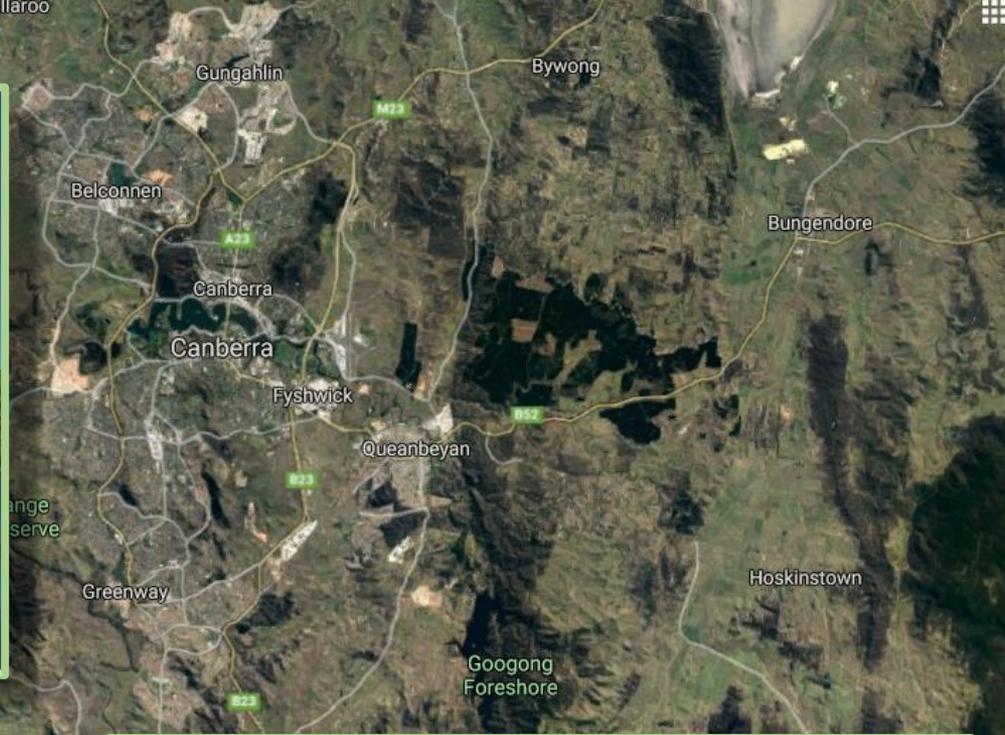
Queanbeyan

Hoskinstown

ange
serve

Greenway

Googong
Foreshore



Bimberi



Corin Dam

Corin Dam

Bimberi

Namadgi
National Park

Long Plain

Cooleman

Rendezvous
Creek



Gudgenby



Scabby Range
Nature Reserve

Michelago

Tinderry

Anembo



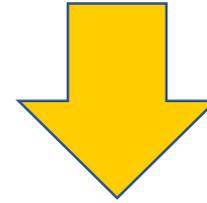


The problem:

Long overhead lines

Rugged, heavily vegetated terrain

Small load



High operation and maintenance costs

(line inspections, vegetation management, pole replacements, outage response)

Reliability issues

Bushfire risk

The solution:

Solar PV array
(ground or roof mounted)

Battery storage
and inverter set
(housed in container)

Diesel generator
backup
(100hrs/yr target run-time)

- Designed to match existing capacity and reliability
- Extensive trial period, remote monitoring, design reviews
- Installed by delivery partner SolarHub

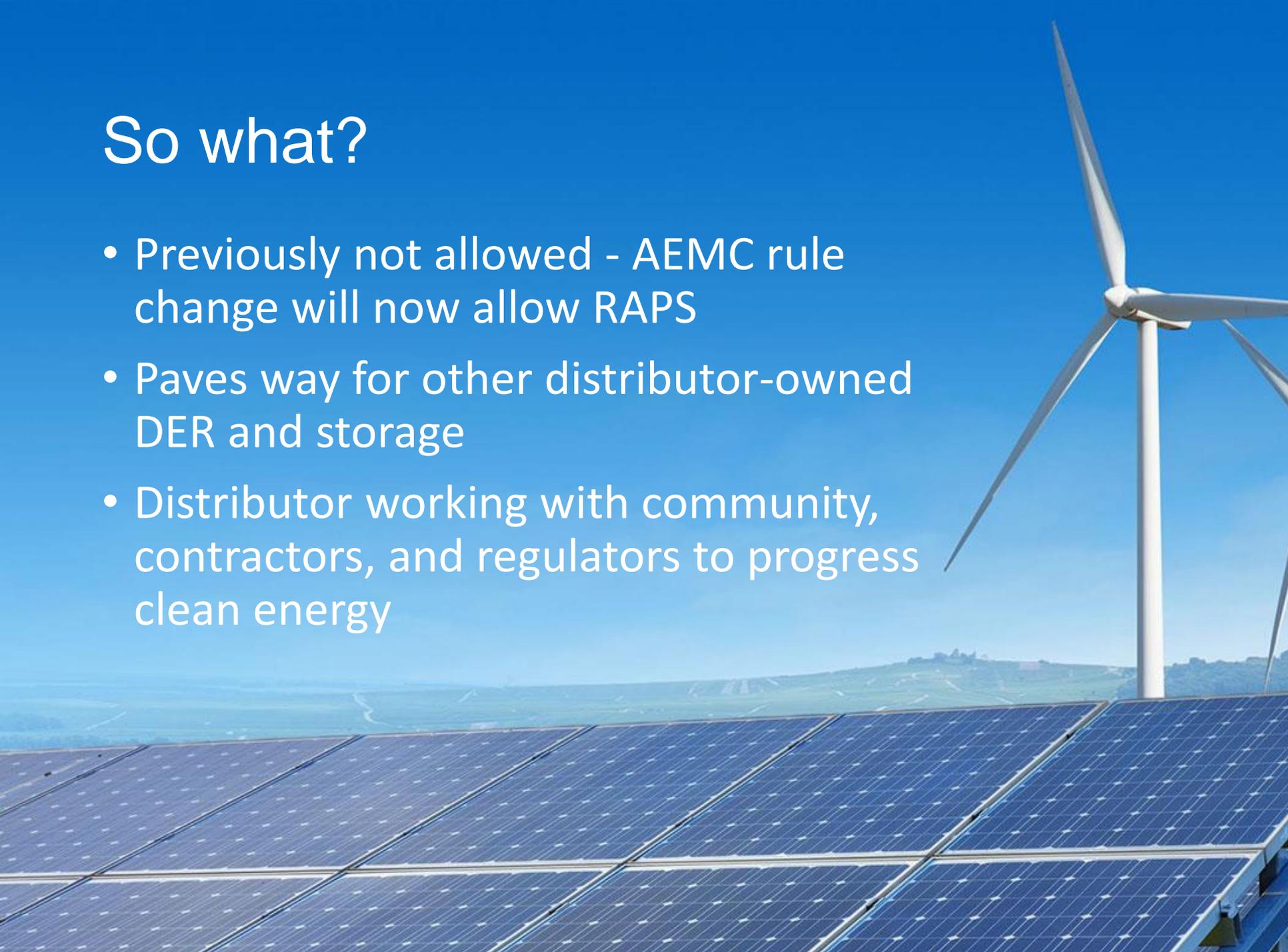


Challenges

- Inconsistent site usage
- Extremely cold temperatures
- Low solar irradiation
- Heritage and environmental approvals
- Multiple sensitive stakeholders
- New asset type

So what?

- Previously not allowed - AEMC rule change will now allow RAPS
- Paves way for other distributor-owned DER and storage
- Distributor working with community, contractors, and regulators to progress clean energy



Evoenergy

