

Keeping you up to date on

Demand Management activities



e-newsletter – May 2020

Keeping you switched on

I am pleased to be able to share our latest news with you and I hope you are keeping safe and well in these challenging times.

Activity in the regulatory space has continued to run high with the Energy Security Target & Safeguard, Wholesale Market Demand Response Mechanism, 2 -Sided Markets and Post 2025 Market Design for the NEM all in play.

In Ausgrid news, we are pleased to announce the expansion of our Virtual Power Plant (VPP) trial, provide an update on our Digital Energy Futures research project and invite you to provide feedback on Ausgrid's Distribution Annual Planning Report. We are also inviting feedback on the Draft Project Assessment Report for the Maroubra load area.

Take care,
Craig Tupper
Demand Management and Forecasting Manager

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NSW Government's Energy Security Target & Safeguard

As part of the NSW Electricity Strategy released in November 2019, the NSW Department of Planning, Industry and Environment has published a [consultation paper](#) seeking feedback on the implementation of the Strategy's Energy Security Target and Energy Security Safeguard. Among other changes, the Safeguard includes the introduction of a new peak demand reduction scheme.

Consultation on this paper is open until 22 June 2020.

Supporting the consultation process, the Department is also holding a series of webinars for interested stakeholders next week.

► For more information or to register:

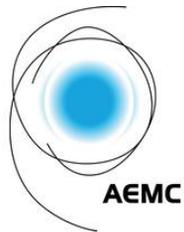
[Energy Security Target and Safeguard and Reforms to the Energy Savings Scheme - 18 May, 2020](#)

[The Energy Security Safeguard peak demand reduction scheme - 19 May, 2020](#)

[Administration and regulation of the Energy Security Safeguard - 21 May, 2020](#)

AEMC's Whole Demand Response Mechanism – 2nd Draft Rule Determination

The AEMC published in March 2020 a [second draft determination and draft rule](#), to implement a wholesale demand response mechanism. It also published a [high-level design](#) to help explain how the mechanism would operate. Under the 2nd draft rule, the mechanism is designed to provide more opportunities for demand side market participation as well as price and reliability related benefits. Ausgrid submitted its response to the 2nd draft of the rule in April and raised several key issues around the levels and types of information access from the mechanism that would help to improve the efficient planning and operation of the network.



► You can read [Ausgrid's submission response to the 2nd draft of the rule](#).

COAG Energy Council's Energy Security Board – Moving to a Two-Sided Market Consultation Paper

COAG Energy Council is seeking feedback on the Energy Security Board's [Moving to a Two-Sided Market consultation paper](#) which was released in April. The paper provides an overview of what a two-sided market could look like as well as the benefits and opportunities of moving to this type of model in line with the development of a more dynamic nature of energy services and related technologies.

Ausgrid's submission to the consultation paper calls for customer outcomes to be at the centre of the reform package, noting that it is vital that any reform ensures that customers receive an affordable essential service regardless of their choice or ability to invest in distributed energy resources (DER) or respond to price signals. Submissions are due on 18 May 2020 and will be released by the Energy Security Board.

Energy Security Board's Post 2025 Market Design for the National Electricity Market (NEM)

COAG Energy Council's Energy Security Board published a scoping and forward work program document on 22 March, that outlines the project requirements and topics to be addressed to recommend changes by the end of this year for transitioning the NEM to a new market framework by the mid-2020s.

► You can access the document at [Post 2025 Market Design for the National Electricity Market \(NEM\)](#)

Ausgrid's Draft Project Assessment Report – Addressing reliability requirements in the Maroubra Load Area

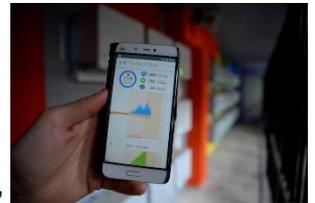
Ausgrid published a Draft Project Assessment Report (DPAR) on 30 April 2020 to address the need to replace a 132kV Feeder (265) which supplies the Maroubra load area. These underground electricity sub transmission cables commissioned in the 1960s and 1970s are now reaching the end of their technical lives, some are considered technologically obsolete and are becoming less reliable.

Ausgrid invites written submissions or enquiries on this DPAR by COB 11 June 2020 by email to assetinvestment@ausgrid.com.au.

► The DPAR and accompanying Screening Notice for Non-Network Options can be accessed [on our website](#).

Ausgrid's Virtual Power Plant Trial has expanded

We are pleased to announce that our Virtual Power Plant (VPP) trial has expanded with our partnership with two additional battery service and technology providers, [Evergen](#) and [Shinehub](#). In addition to our continued partnership with Reposit Power,



the expansion will enable us to offer more choice for customers and will allow us to trial different types of technology platforms and methods of engaging with customers.

► You can find out more about the trial on our [VPP webpage](#).

Ausgrid's Digital Energy Futures Project – Update

Our 3-year research project which commenced at the end of 2019, has progressed with the completion of Stage 1: content analysis and literature review conducted by our project lead partner, Monash University. We also completed the next component of running a recruitment survey among selected Ausgrid residential customers to acquire consumer insights and assist in the recruitment for participants in stage 2: Field Research (Ethnographic Household Interviews) that is planned to commence towards the end of 2020.

► You can find out more by visiting our [Digital Energy Futures project webpage](#).

Transport for NSW's Zero Emission Buses Trial – Expression of Interest

Transport for NSW (TfNSW) is now inviting expression of interest (EOI) for Specific Contracts from proponents in the energy industry to participate in trials that will help it transition its bus fleet to zero emission buses (ZEBs) across the Sydney/Outer Sydney metropolitan. The trials will enable testing of a range of emerging technologies, supporting infrastructure and services that help support a net zero outcome. TfNSW will hold a live online industry briefing on 21 May 2020 to provide participants with further information on this RFEOI

► You can find out more information about the tender and online briefing [here](#).