

Keeping you up to date on

Demand Management activities



e-newsletter - September 2019

Keeping you switched on

Welcome to our September edition of our Demand Management Newsletter. This quarter covers a lot of ground both across our team's DMIA projects – VPP research results and the launch of our research into the Digital Energy Future, DM network projects – the launch of Ausgrid's Power2U Aircon Saver program, and consultations within the regulatory space for Stand Alone Power Systems, Wholesale Demand Response, Smart Appliance Standards and DMIA for transmission businesses.

If you have any questions regarding any of the topics below or another issue of interest please feel free to contact us at demandmanagement@ausgrid.com.au.

Happy reading

Craig Tupper
Manager, Demand Management & Forecasting

In this edition



1. COAGs Smart Appliance Consultation Paper
2. Non-Network Options Report – Mascot
3. Ausgrid's VPP – Phase 1 Report
4. Ausgrid's Digital Energy Futures Project
5. Ausgrid's Gillieston Heights DM Project
6. Launch of Power2U Aircon Saver Program
7. AEMC Wholesale Demand Response Mechanism
8. SAPS Regulatory Framework
9. AEMC Draft Rule Supporting DM Innovation in Transmission

COAG's Smart Appliance Consultation Paper – now open for consultation

The Council of Australian Governments (COAG) Energy Council has published a Consultation Paper on its proposal to mandate 'smart' demand response capabilities for selected appliances. The paper proposes that all air conditioners, electric storage water heaters, pool pump controllers and electric vehicle chargers would have to comply with the full range of demand response modes (DRMs) in AS/NZS 4755.3 or AS/NZS 4755.2.

We encourage you to submit your feedback to the consultation paper which closes on 23 September 2019 (extended from 16 Sep 19).

► [To download the consultation paper and for more information click here](#)



Non-Network Options report for Mascot – Coming Soon!

Coming soon to your inbox will be a discussion paper seeking input into possible demand management solutions to defer the replacement of aged switchgear at Mascot zone substation.

As discussed by Daniel Sim, Ausgrid's Demand Management Planning Manager, at the recent Clean Energy Summit, this project is a significant demand management opportunity for deferral of the proposed \$38m investment. In the coming weeks we will send out a notice to all those on Ausgrid's [DM Register](#) and publish the non-network options report on our [RIT-D consultation page](#), so watch this space!

► [To view a copy of the Clean Energy Summit presentations, click here](#)



Ausgrid's Virtual Power Plant (VPP) – Phase 1 Research Report

Research results from Phase 1 (March-July 2019) of Ausgrid's Virtual Power Plant trial is now available on Ausgrid's website. The report includes preliminary results and analysis of the battery systems during the operation of the VPP. It also identifies the next stage of research objectives that will be explored with the upcoming expansion of the VPP with the aim to have more customers and market providers involved in the trial. Watch this space.

► [To access the report click here](#)

Ausgrid's Digital Energy Futures Project – Joint Announcement

Ausgrid's Digital Energy Futures Project – Joint Announcement

Ausgrid is pleased to announce its partnership in a 3-year research project with Monash University, Ausnet Services and Energy Consumers Australia. The project will investigate the future trends of changing digital lifestyle trends and their impact on future household electricity demand, including at peak times. Led by Monash University, the energy research will help develop models for tracking and predicting peak electricity demand and consumption to aid in more efficient network planning and development of innovative demand management solutions. Research reports will be made available throughout the duration of the project.

► [To read the media release announcement click here.](#)



Ausgrid's Gillieston Heights Demand Management project

In May we published a Request for Proposals from demand management providers for non-network solutions to address the increase in forecasted demand in the Gillieston Heights area. Thank you to all who provided enquiries and submissions to us. We have completed our assessment and have committed to a minimum of a one year deferral of the proposed \$695,000 network investment. The results from the assessment has informed the development of the Power2U Aircon Saver program, which is described further below.

► [The Project Assessment Report is now available here.](#)

Launch of Ausgrid's Power2U Aircon Saver Program for 2019/20 Summer Season

Ausgrid is pleased to launch a new air conditioning program to partner with customers in the Gillieston Heights area over the upcoming summer season. We have invited over 2,700 households to participate in the incentive program whereby we will install signal receivers on their air conditioners to remotely activate their power saving modes if required. Customers can earn up to \$200 for their support over the summer period.

► [For more information about the program click here.](#)

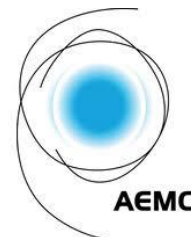


AEMC Wholesale Demand Response Mechanism – Update

The AEMC released a draft rule determination on 18 July 2019 in response to rule change requests from several proponents seeking to introduce a mechanism for wholesale demand response in the national electricity market. The mechanism would give large customers the ability to participate directly in the NEM wholesale market through a demand response service provider.

Submissions on the draft determination closed last week, but encourage all to stay informed and engage when possible on this important rule change.

► [To read the draft rule, submissions and other information click here.](#)



Stand Alone Power Systems Regulatory Framework – AEMC Review

Ausgrid supports the AEMC's efforts to review the regulatory rules and frameworks of stand alone power systems (SAPS) to enable distribution network service providers to integrate SAPS within their networks safely and efficiently for their customers.

We submitted feedback in earlier this month to the AEMC on its SAPS Priority 2 Consultation Paper – draft report, which included our recommendation for consistent regulatory treatment between third-party SAPS and distributor-led SAPS to maximise the smooth delivery of services and customers' experience. You can read Ausgrid's submission [here](#). A final report addressing Priority 2 is due to be published by the end of October 2019.

► [To read the AEMC's review, submissions and other key reports, click here.](#)

AEMC's Draft Rule to Support Demand Management Innovation in Transmission

The AEMC has released a call for submissions on a draft rule that proposes giving transmission business access to the demand management innovation allowance (DMIA). The mechanism would enable transmission businesses to conduct innovative research activities on demand management technologies to test alternative approaches to traditional network transmission investment.

Submissions on the draft submission close on 24 October 2019.

► [For more information about the draft rule and consultation paper click here.](#)

