

# Customer and Stakeholder Engagement Report

AusNet Services Transmission Revenue Reset Post-Lodgement Engagement Activities

Collaboration Workshop 4 | 27 May 2021

19 July 2021

### Introduction

### **Background**

AusNet Services owns and operates the Victorian electricity transmission network, providing electricity to 5.9 million customers. As a monopoly provider, AusNet is required to lodge a Revenue Proposal containing investment plans for each five-year regulatory period with the Australian Energy Regulator (AER). The development of these investment plans is referred to as the Transmission Revenue Reset (TRR) process and AusNet's next regulatory period will occur from 1 April 2022 to 31 March 2027.

Since AusNet lodged its Revenue Proposal with the AER in October 2020, there have been a number of changes to key information inputs which may impact on the Revenue Proposal. As a result, AusNet is developing a Revised Revenue Proposal which considers these changes. At a high level, these changes are:

- Updated demand forecasts from AEMO
- Updated market modelling information
- Declining system strength across the network
- The establishment of Victoria's Renewable Energy Zones (REZs) through the Victorian Government's REZ Development Plan
- The closure of Yallourn power station earlier than originally anticipated
- Continued refinement of project scopes and costs.

Consultation with stakeholders is a crucial part of this process, to ensure that AusNet's plans are efficient and in the long-term best interests of consumers.

AusNet's Revenue Proposal was informed by consultation with stakeholders through its TRR Customer Advisory Panel (CAP), several Deep Dive Workshops, and Customer Consultative Committee (CCC). In developing its Revised Revenue Proposal, AusNet seeks to continue and enhance its commitment to stakeholder engagement by collaborating with stakeholders on how to address the new information through the Revised Revenue Proposal.

### **Stakeholder Engagement Approach**

In conducting its post-lodgement engagement activities, AusNet has stated its intention to collaborate with stakeholders by working together to develop alternatives and jointly identifying the preferred approaches for addressing the new information through AusNet's Revised Revenue Proposal. This is in line with the definition of *Collaborate* stage of the IAP2 Spectrum of Public Participation.

FORM  le the public anced and information	CONSULT  To obtain public feedback on analysis,	INVOLVE  To work directly with	COLLABORATE	EMPOWER
inced and		To work directly with	T	
them in nding the alternatives, ities and/or	alternatives and/or decisions.	the public throughout the process to ensure that public concerns and aspirations are consistently understood and considered.	To partner with the public in each aspect of the decision including the development of alternatives and the identification of the preferred solution.	To place final decision making in the hands of the public.
eep you	We will keep you informed, listen to and acknowledge concerns and aspirations, and provide feedback on how public input influenced the decision.	We will work with you to ensure that your concerns and aspirations are directly reflected in the alternatives developed and provide feedback on how public input influenced the decision.	We will look to you for advice and innovation in formulating solutions and incorporate your advice and recommendations into the decisions to the maximum extent possible.	We will implement what you decide.
	o you	informed, listen to and acknowledge concerns and aspirations, and provide feedback on how public input influenced the	informed, listen to and acknowledge concerns and aspirations, and provide feedback on how public input influenced the decision.  It o ensure that your concerns and aspirations are directly reflected in the alternatives developed and provide feedback on how public input influenced	informed, listen to and acknowledge concerns and aspirations, and provide feedback on how public input influenced the decision.  to ensure that your concerns and aspirations are directly reflected in the alternatives developed and provide feedback on how public input influenced  to ensure that your concerns and aspirations are directly reflected in the alternatives developed and provide feedback on how public input influenced  advice and innovation in formulating solutions and incorporate your advice and recommendations into the decisions to the maximum extent



### Introduction

### Stakeholder Engagement Approach (cont.)

AusNet's post-lodgement engagement approach included facilitating four Collaborative Workshops over April and May 2021, with the intention of ensuring participants can directly impact outcomes. After Workshop 3, it was determined that an additional Collaboration Workshop (3b) would be held to collaborate further with stakeholders on how to address the impacts of declining network system strength on AusNet's Revised Revenue Proposal.

The stated objectives of each workshop are as follows:

### Workshop 1

20 April 2021

To establish a strong, common foundation of knowledge about our Revenue Proposal and the impacts that new information may have

### Workshop 2 3 May 2021

To focus on topics that are of interest to customers and stakeholders regarding the Revenue Proposal and the impacts of relevant changes

### Workshop 3 17 May 2021

To align the
Revised Revenue
Proposal to reflect
customer and
stakeholder
preferences
where possible to
deliver best
outcome

### Workshop 4

To collaborate and develop the Revised Revenue Proposal with critical input from customers and stakeholders through adopting feedback

### Workshop 3b TBC June 2021

To spend
dedicated time on
the options
relating to how
AusNet manages
the uncertainty
associated with
network support
costs

### Workshop 5 Date TBA – July 2021

To summarise insights from Workshops 2-4 and present initial responses to the Draft Decision and implications from stakeholder feedback

### **Purpose of this report**

This report summarises the key items of discussion from Workshop 4, including the information shared by AusNet with stakeholders, the views expressed and questions raised by stakeholders, and the response AusNet gave to stakeholders during the workshop. A list of attendees is provided on pages 11-12.

AusNet's objectives for Workshop 4 were to:

- Inform stakeholders on how AusNet Services is assessing the potential impacts of the early closure of Yallourn Power Station on its capital expenditure forecast
- Collaborate with stakeholders on how AusNet might manage these impacts in its Revised Revenue Proposal
- Inform stakeholders on the impacts of updated demand forecasts and updated market modelling on AusNet Services' capital expenditure forecast.

#### Role of KPMG

KPMG was engaged to support AusNet in its post-lodgement engagement activities by:

- Advising on stakeholder engagement techniques and contributing to the development of presentation materials
- Facilitating engagement workshops to enable contribution from all participants
- Documenting engagement workshops.

AusNet remains responsible for workshop content including information specific to its Revenue Proposal.

### **Workshop Details**

**Date** Thursday 27 May

**Time** 9:30am – 11:30am (AEST)

**Location** Microsoft Teams (videoconference)

All workshops were hosted virtually, reflecting stakeholder preference and to mitigate potential disruption due to the COVID-19 pandemic at the time.



### **Key Implications for AusNet's Revised Revenue Proposal**

While a detailed report of discussion items is presented below, the following key points summarise the primary implications for AusNet's Revised Revenue Proposal.

- Stakeholders stated that they are comfortable with the approach AusNet has taken to assessing the impacts of the early closure of Yallourn Power Station, and acknowledged the challenge in planning around multiple uncertainties.
- 2. Stakeholders stated that overall, they preferred AusNet to take the approach of proposing contingent rather than ex ante projects to manage the potential new costs of the Loy Yang Power Station and Hazelwood Terminal Station in the Revised Revenue Proposal.
- 3. Stakeholders advised that they were comfortable with AusNet's approach to managing changed demand forecasts in their Revised Revenue Proposal.
- 4. Stakeholders were comfortable that AusNet's approach to market modelling is reasonable, appreciating that timing and the scale of market impacts have been considered.
- 5. Stakeholders gave positive feedback about the engagement process and supported holding an additional workshop to further discuss impacts of declining network system strength (proposed new Workshop 3b).

#### **Topic presented by AusNet**

### Stakeholder Engagement Approach

- KPMG provided a re-cap of the engagement approach, outlining:
- the engagement process to date
- the content of Workshops 1, 2 and 3
- AusNet's approach to seeking stakeholders' view on where to focus the workshop discussion
- KPMG noted that two additional workshops had been proposed in response to stakeholder feedback:
  - Collaboration Workshop 3b: to explore in more depth how AusNet might manage the uncertainty associated with network support costs
  - Collaboration Workshop 5: to summarise insights from Workshops 2-4 and present initial responses to the Draft Decision and implications from stakeholder feedback
- KPMG provided stakeholders the opportunity to ask questions or provide comment on the engagement approach to date

#### Stakeholder input

After KPMG re-capped the discussion and feedback from Workshop 3, a stakeholder clarified whether the AEMC's National Electricity Amendment (Efficient Management of System Strength on the Power System) Rule 2021 was discussed at the prior workshop, and what implications it might have for AusNet's Revised Revenue Proposal.

### **How AusNet responded**

AusNet noted that the topic was discussed in Workshop 3, and that the rule change is not anticipated to impact the Revised Revenue Proposal as AusNet is not responsible for network system strength and therefore is not required to meet the AEMC Rule Change standards. AusNet stated that there is uncertainty relating to how network system strength issues will be addressed, which creates uncertainty for AusNet's Revised Revenue Proposal.



#### **Topic**

### Early closure of Yallourn Power Station (YPS)

- AusNet maintains a 10-year asset renewal plan that is updated annually
- AusNet's TRR network capex forecast comprises projects from the renewal plan that are economic to deliver within the 2023-27 regulatory period, accounting for around 43% of the total renewal plan
- AusNet is currently assessing whether the closure of YPS in 2028 will require projects scheduled between 2027 and 2030 in the 10year renewal plan to be accelerated
- The purpose of AusNet's reassessment of the renewal plan is to ensure that the capital expenditure forecast for the 2023-27 regulatory period reflects the efficient costs maintaining a safe, reliable and secure transmission network, following the closure of YPS in 2028
- The early closure of YPS in 2028 will increase the criticality of network assets connecting other generation
- The early YPS closure will not impact projects already included in AusNet's Revenue Proposal, as they remain economic to deliver before 2028
- AusNet stated that their assessment approach identifies the most efficient solution to deliver in the next regulatory period. The assessment involves three steps:
  - Identify additional asset replacement projects that may be economic to deliver during the 2023-27 period; this involves the consideration of assets' location, criticality, and condition
  - 2. consider alternative options to asset replacement
  - Undertake an economic assessment of the preferred asset replacement options based on cost and benefits
- AusNet identified four projects for which detailed re-assessments are required:
  - Moorabool Terminal Station (MLTS)
  - Wodonga Terminal Station (WOTS)
  - Loy Yang Power Station (LYPS)
- Hazelwood Terminal Station (HWTS)
- The economic timing of the Moorabool Terminal Station and Wodonga Terminal Station projects remains outside the 2023-27 regulatory period

#### What stakeholders said

Stakeholders sought to clarify whether projects planned to support YPS would be cancelled.

Stakeholders stated that they have a preference for maximising existing assets, and asked how much of the powerline associated with YPS would be considered stranded or under utilised, and whether this was likely to be mitigated by the Mariner's Link Integrated System Plan (ISP) project.

Stakeholders asked how the revenue to AusNet flows back to consumers after the early closure of LaTrobe Valley assets.

Stakeholders asked whether AusNet has considered impacts of the potential early closure of the Loy Yang Power Station (LYPS).

Stakeholders expressed that they are happy and comfortable with AusNet's assessment approach, and acknowledged the challenge in planning around multiple uncertainties.

Stakeholders are supportive of AusNet continuing to consider lesser investment options and remaining flexible in their approach.

Stakeholders questioned whether a move towards a Retailer Reliability Obligation (RRO) would help AusNet to plan capital projects, due to greater visibility of assets.

### How AusNet responded

AusNet stated that as no specific projects had been planned for the Transmission network to support YPS, cancellations would not be required. AusNet clarified that they are not proposing additional, new projects outside of the 10-year renewal plan as a result of the early closure of YPS. AusNet also noted that a \$10M asset replacement project (previously planned for 2030) will no longer be required due to the closure of YPS in 2028.

AusNet explained that the Marinus Link is connecting to a very strong part of the system. AusNet confirmed that there is a risk of YPS assets being stranded, and that this risk is the responsibility of generators. AusNet stated that customers will not bear the risk or costs associated with the closure of LaTrobe Valley generators.

AusNet explained that generator's payment on assets being closed is modelled as a customer contribution reducing the Regulatory Asset Base (RAB), reducing costs for the next regulatory period.

AusNet advised stakeholders that while they are aware of the possibility of LYPS being closed earlier than planned, this is not anticipated to impact AusNet's Revised Revenue Proposal. AusNet noted the significant uncertainties associated with the potential to close other assets (such as LYPS) earlier than anticipated, and acknowledged that this poses a longer term planning challenge for AusNet.

AusNet stated they have not assessed the impacts of a RRO, but that as uncertainty reduces, AusNet will have improved visibility of generator assets lives. AusNet also stated that assets such as LYPS will be essential until cheaper storage options are available.



#### **Topic** What stakeholders said **How AusNet responded** Stakeholders asked AusNet for an Early closure of Yallourn Power AusNet explained that they are Station: managing costs of LYPS and estimated cost for refurbishment of considering whether refurbishment will be a viable technical solution, using their **HWTS** assets. AusNet sought feedback from established economic probabilistic stakeholders on how to manage the Stakeholders queried whether costs planning methods to make a cost-benefit could be reduced through re-purposing potential new costs of the LYPS and assessment. HWTS projects in the Revised assets - specifically: Revenue Proposal. AusNet whether 500kv Circuit Breakers AusNet stated that of the four presented four options currently could be re-purposed elsewhere on transformers HWTS: three have reached the end of their being explored: the network whether transformers in the asset life and are unlikely to be Ex ante capital expenditure: LaTrobe Valley could be rereplaced if generation in the area is projects economically justified and do not have purposed retired one could potentially be re-purposed, dependencies/uncertainties Ex ante capital expenditure Stakeholders enquired whether but may continue to be required in decommissioning costs were considered the LaTrobe Valley (staged): projects economically a new metro 500/220kv transformer justified, do not have when assessing the impact of the early dependencies/uncertainties, can be closure of YPS, as stakeholders believe may be a better alternative, although this will be a significant conversation in this is dependent on AEMO's staged/split into multiple projects Contingent projects: projects that the community regarding safe disposal planning. have dependencies/uncertainties of assets. and are greater than \$30million AusNet explained that connection Hybrid: projects that can be Stakeholders queried whether AusNet decommissioning costs are covered by had considered the trigger events that the generator, and that, on the shared staged/split into multiple projects might be used to satisfy the network, the costs would be capitalised with different cost recovery mechanisms applied to each requirements of a contingent project into the project. This approach was AusNet proposed the following through a Contingent Project Application successfully demonstrated during the questions to stakeholders to seek (CPA). closure of the Hazelwood Power Station. their feedback and opinions: Stakeholders noted that it is Are there other options we should anticipated that contingent projects AusNet agreed that under the explore for our Revised Proposal? and staging or splitting projects is Contingent Project Application (CPA) What are your views on which likely to be required more often in rules contingent projects are strictly defined and are difficult to use in option/s are preferable for the future, due to increasing levels of Revised Proposal? environments of uncertainty. In context uncertainty across the network Is further analysis or validation Stakeholders queried what of managing the potential new costs of needed before stakeholders can changes may be required in the LYPS and HWTS, AusNet stated that support any of the options? CPA project to make it more usable there may be a case for a trigger event in environments of high uncertainty to manage potential large changes. Stakeholders stated that overall, they AusNet identified key constraints of the preferred AusNet to take the approach CPA process as that: of contingent projects, rather than ex some projects require a pattern of ante, to manage the potential new costs impacts to be demonstrated of the LYPS and HWTS in the Revised projects must have a minimum



Revenue Proposal.

threshold of \$30million impact a single project location must be

AusNet noted that the system-wide uncertainty makes it challenging to meet

identified

these criteria.

#### **Topic** What stakeholders said **How AusNet responded** AusNet explained that the long term **Changed demand forecasts** Stakeholders asked whether the COVID-AusNet presented that AEMO's 19 pandemic has had an impact on effects of COVID-19 have been latest forecasts show that maximum considered in AEMO's forecasts, being forecast or actual demand to the extent demand is projected to decline until that it might impact AusNet's planning used by AusNet for planning process. 2025, after which it is anticipated to process, and whether AusNet is well AusNet stated that they are conducting grow steadily positioned to respond to changes in early analysis on a year-by-year basis, AusNet explained the impact of demand caused by COVID-19. and emerging trends include: forecast demand on determining the Upwards shift in home energy economic timing of a capital project Stakeholders advised that they were demand Changes in locational demand must comfortable with AusNet's approach to Upwards shift in small business managing changed demand forecasts in demand be examined to determine any their Revised Revenue Proposal. Businesses appear have made a full impact on the economic timing of specific projects recovery and customer demand is stable AusNet's assessment has identified that the changes in forecast demand AusNet stated that changes in demand resulting from COVID-19 would need to may impact the economic timing of the East Rowville Terminal Station be very significant in order to impact (ERTS) project, by deferring it for one AusNet's planning, and that this is not currently anticipated to be required. year AusNet advised that although the ERTS project's economic timing has been deferred by one year, no change to the Revised Revenue Proposal are required as the project had already been deferred due to deliverability requirements AusNet's assessment is that the changes in demand for other projects are not sufficiently material to require a change to their timing



Topic	What stakeholders said	How AusNet responded
Updated market modelling  AusNet advised stakeholders that they undertake detailed market modelling to determine the wholesale market impacts of asset failure  Updated energy forecasts were released by AEMO in November 2020, after lodgement of AusNet's Revenue Proposal, which reflected AEMO's 2019 forecasts  The AEMO 2020 aggregate energy forecast are lower, due to changes in AEMO's assumption about Distributed Energy Resources (DER) uptake (i.e. the inclusion of the Victorian Solar Homes program)  AusNet advised that four major station projects are potentially impacted by the updated market modelling:  Moorabool Terminal Station (MLTS)  Keilor Terminal Station (KTS)  South Morang Terminal Station (SMTS)  Sydenham Terminal Station (SYTS)  AusNet's assessment based on AEMO's 2020 forecast is that:  There is no impact for most projects (MLTS, KTS or SMTS), as the updated modelling has not resulted in a materially different forecast of market impact  The economic timing of SYTS 500kV GIS replacement project has been deferred by one year (from 2024-25 to 2025-26)  However, AusNet intends to align the delivery timeframe for SYTS with the Western Victorian Transmission Project, due to the substantial synergies this will achieve  The deferral of the SYTS project would be efficient only if deferral benefits exceed the \$10M of synergies achieved by integrating the SYTS with the Western Victorian Transmission Project — which is not the case  As a result, AusNet does not propose to defer the timing of the SYTS project  AusNet invited stakeholder feedback:  Do you have any concerns with the aligned delivery of the SYTS and Western VIC projects, regardless of changes to the economic timing for the SYTS and western VIC projects, regardless of changes to the economic timing for the SYTS project?	Stakeholders were comfortable that AusNet's approach to market modelling is reasonable, appreciating that timing and the scale of market impacts have been considered.  Stakeholders noted that continued engagement and conversation is helpful to dive into the detail on the impacts, offering stakeholders a clearer perspective.	AusNet noted stakeholders' comments.



for the SYTS project?

Торіс	What stakeholders said	How AusNet responded
Discussion items  KPMG invited stakeholders to share further comments, feedback or questions in relation to the topics discussed during the workshop  KPMG invited stakeholders to provide feedback on the engagement process to date, and specifically:  How well the process has delivered on AusNet's engagement principles  Whether there are ways to better engage an consult with stakeholders  How best to manage Workshop 3b: network system strength	Stakeholders gave positive feedback about the engagement process, noting that the open discussion helps stakeholders to stay informed on various aspects of the industry.  Stakeholders commented on the following as being particularly positive aspects of the approach:  Ensuring time is made available to go into detail in discussion  Clarifying the roles and responsibilities between AEMO and AusNet  Providing clarity and information, including acknowledging where there is uncertainty  Allowing stakeholders to provide input regarding the principles and ideas of the Revised Revenue Proposal.  Stakeholders were supportive of proceeding with Workshop 3b, expressing interest in the following key discussion points:  Whether AusNet should pursue grid scale inverters or alternatives  Whether AusNet should consider alternative solutions to synchronous condensers  The best way for cost recovery to occur	AusNet noted stakeholder feedback on the engagement approach.  AusNet confirmed that they will proceed with Workshop 3b to collaborate with stakeholders on how AusNet responds to system strength issues.



### Attendance

### **Participants**

Stakeholder Name	Organisation	Attendance
Andrew Richards	EUAA	Attended
Bev Hughson	AER CCP	Attended
Thanh Bui	Jemena	Attended
Elizabeth Carlile	CitiPower / Powercor	Attended
Bridgette Carter	BlueScope Steel	Attended
Adam Peterson	AER	Attended
James Brown	AER	Attended
Inushka Dassanayake	Total Eren	Attended
Gavin Dufty	St Vincent de Paul	Attended
Mark Henley	AER CCP	Attended
David Headberry	Major Energy Users	Apology
Evan Lutton	AER	Apology
Andrew Chow	ACCP	Apology
Steve D Foster	DELWP	Apology
David Prins	AER CCP	Apology
Mark Grenning	EUAA	Apology
Nick Eaton	Alcoa	Apology
Julian Hales	DELWP	Apology
Trevor Lim	Total Eren	Apology
Jane Kelly	AER	Apology
David Monk	AER	Apology
Tennant Reed	Al Group	Apology
Prajit Parameswar	Hydro Tas	Apology
Ben Ferguson	DELWP	Apology
Jess Young	DELWP	Apology
Ciara Sterling	Thriving Communities	Apology
Tom Parkinson	Clean Energy Council	Apology
Sarah Walsh	AEMO	Apology
Rudi Strobel	Jemena	Apology
Guillermo Alonso	GPG	Apology
Lillian Patterson	Clean Energy Council	Apology
David Markham	Australian Energy Council	Apology
Simon Elias	Air Liquide	Apology
Aaron Tan	Air Liquide	Apology
Rodney Bray	United Energy	Apology
Joe Spurio	AEMO	Apology
Simon Elias	Air Liquide	Apology
Rodney Bray	United Energy	Apology
Joe Spurio	AEMO	Apology



### Attendance

### **Facilitators and Observers**

Stakeholder Name	Organisation	Attendance
Tom Hallam	AusNet	Attended
Robert Ball	AusNet	Attended
Herman De Beer	AusNet	Attended
Stephanie Judd	AusNet	Attended
Charlotte Eddy	AusNet	Attended
Stephanie Judd	AusNet	Attended
James Bleed	AusNet	Attended
Matt Pearce	KPMG	Attended
Grace Smith	KPMG	Attended
Victoria Lloyd-Jones	KPMG	Attended



### Contacts in relation to this document:

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The findings in this report are based on a qualitative study and the reported results reflect a perception of AusNet Services but only to the extend of the sample surveyed, being AusNet Services' approved representative sample of stakeholders. Any projection to the wider stakeholder group is subject to the level of bias in the method of sample selection.

No warranty of completeness, accuracy or reliability is given in relation to the statements and representations made by, and the information and documentation provided by KPMG stakeholder consulted as part of the process.

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