

CitiPower
Further submission to the
AER regarding preliminary
determination
4 February 2016

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1 Summary

We have provided this additional submission to the Australian Energy Regulator (**AER**) which:

- responds to comments made in submissions to the AER's preliminary determination; and
- provides further information on matters contained in our revised regulatory proposal, lodged on 6 January 2016.

We have not responded to all matters raised in the various submissions made to the AER, rather we have only focused on issues of greatest importance to our business.

Furthermore, we note that some submissions contained misrepresentations of costs, data and facts, and/or made claims that were not supported by any evidence. While we have not responded to these claims, our silence should not be interpreted as agreement or acceptance of these matters. Should the AER seek further information from us on particular matters raised in submissions, we would be happy to provide a response prior to the final determination.

In this submission, we clarify the following matters:

- benefits from the deployment of smart meters have been realised and are already being shared with our customers. Network savings leveraged from smart meters are reflected in our operating and capital expenditure forecasts for the 2016–2020 regulatory control period;
- smart meter services have enabled early identification of outages and this provides benefits to customers. However, earlier identification has not lead to reduced frequency or duration of outages as measured for the purposes of the Service Target Performance Incentive Scheme (**STPIS**);
- we support the Australian Energy Market Operator's (**AEMO**) development of its demand forecasting methodology and we continue to work with AEMO to improve its methodology. However, at this stage, AEMO's forecasting approach is still a work in progress and is not yet sufficiently reliable to be used as a substitute for our forecasts;
- we provide further information in support of our step change for the introduction of cost-reflective tariffs; and
- we agree with the Victorian Government submission that it is incumbent on the AER to ensure costs are allocated appropriately between metering and standard control services to prevent cross-subsidies and inefficient market outcomes.

2 Benefits from smart meters

The Victorian Government's submission states that the AER should expect the Victorian distributors to realise efficiency gains from the rollout of smart metering and these efficiency gains should be passed through to consumers as they are realised.¹ The Victorian Government seeks to quantify the benefits of smart metering by reference to a study of the forecast benefits undertaken over five years ago by Deloitte. We note that Deloitte's report provided the present value of the forecast benefits across all Victorian distributors in aggregate and over a 20 year period, 2008–2028. It is therefore difficult to compare Deloitte's aggregated figures with our network specific progress, either to date or forecast over 2016–2020 regulatory control period.

In the following sections we set out our progress to date on each of the categories of smart meter benefits identified in the Victorian Government submission and how the benefits are being shared with customers.

Importantly, our smart meter rollout was undertaken efficiently, prudently, and within the timeframes set out by the Victorian Government. As shown in table 2.1 below, our smart meter roll out program was 96 per cent completed by 31 December 2013 and we had reached a critical mass of smart meters covering our network by 2012.

Table 2.1 Smart meter roll out

Year ending December	2010	2011	2012	2013	2014
Proportion of smart meters installed	21%	46%	77%	96%	97%

Source: CitiPower

Once reaching a critical mass of smart meter coverage, we commenced implementation of a number of business initiatives aimed at leveraging smart meter benefits, discussed below. The savings achieved through these initiatives are already being passed onto customers through our operating and capital expenditure requirements and enhanced customer experiences. Notably, many of the business initiatives to leverage smart meter benefits were not funded either under the Advanced Metering Infrastructure (**AMI**) Order in Council (**OIC**) or included in standard control services allowances approved by the AER.

Our 2016–2020 regulatory proposals already factor in the realised benefits of smart metering, including:

- our 2014 actual operating expenditure is used as the base for forecasting our 2016–2020 operating expenditure requirements. Smart meter benefits achieved before and during 2014 are therefore already fully reflected in our operating expenditure forecast for the 2016–2020 regulatory control period; and
- our method for forecasting our capital expenditure requirements for the 2016–2020 regulatory control period is forward looking and already takes account of business processes implemented and the savings achieved through the roll out of smart meters.
- We therefore consider there is no basis for further adjustments to our operating and capital expenditure forecasts for the 2016–2020 regulatory control period. Further, we do not support pre-emptive and unsubstantiated productivity adjustments which undermine the objectives of the incentives schemes.

Further, we note that the introduction of metering contestability on December 2017 raises doubt over whether we will be able to continue to leverage smart meter benefits in future and maintain the benefits achieved to date. In particular, we note that the national minimum meter specification does not include meter outage notification which is the key service upon which we have leveraged savings to date. We will also be required to

¹ Victorian Government, *Submission on the Victorian electricity distribution pricing review preliminary determinations - 2016-2020*, January 2016, p. 1.

purchase meter data and services from third party metering co-ordinators which will reduce the net benefits of implementing potential smart meter leverage projects in future.

Avoided costs associated with accumulation meters

Given our roll out program was largely completed by 31 December 2013, the avoided costs associated with accumulation meters have already been realised and are fully captured in our 2014 operating and capital expenditure. Our customers are therefore already receiving the benefits from the avoided costs of accumulation meters.

Importantly, we do not forecast any operating or capital expenditure associated with accumulation meters for the 2016–2020 regulatory control period.

The table below sets out our avoided costs of accumulation meters achieved in 2014.

Table 2.2 Avoided costs associated with accumulation meters (\$ nominal)

	Expenditure	2014
Avoided non AMI meter supply cost for new connections and meter replacements	Capex	\$763,635
Avoided non AMI meter supply & installation cost for fault meter replacements	Capex	\$148,642
Avoided non AMI meter replacements resulting from solar installations	Capex	\$585,830
Avoided cost of routine meter testing costs	Opex	\$251,614
Avoided cost of routine non AMI meter reading	Opex	\$905,975
Avoided cost of non AMI special reads	Opex	\$531,473
Total		\$3,187,169

Source: CitiPower annual Regulatory Information Notice (RIN), Schedule 1.

Network efficiencies

Monitoring transformer overload

In 2013, we implemented a new process that relied upon smart meter data to estimate overloading on distribution transformers. This avoided the labour costs of manually installing loggers on the network constraint points. Prior to 2013, where we suspected that a distribution transformer was likely to be overloaded, we would manually install a logger to measure the voltages at that network point. The voltage readings were recorded over a period of time, such as a week, to estimate the level of overload. Access to smart meter data to estimate overloading without requiring manual installation of a logger is an operating expenditure saving. We estimate the saving to be approximately \$100,000 per annum. Our 2014 base year operating expenditure fully reflects the savings from not requiring manual installation of loggers.

We have not realised capital expenditure savings in this regard however because where a distribution transformer is identified to be overloaded, the solution to address the network constraints continues to be changing the circuit routing or upgrading the transformer. There has been no change to the capital solution as a result of the smart meter data.

As noted in Deloitte's report, there is limited ability for distributors to use supply capacity limiting functions of smart meters to prevent transformer overloading.² At this stage we are not planning to use supply capacity control for managing distribution transformer loads. This is because of the need to negotiate supply limitation and compensation with a large number of residential customers. Large customers are already limited in supply via supply agreements.

Faster outage detection

While we agree that smart meter data has enabled faster detection of outages, we disagree that STPIS targets should be adjusted. Faster outage detection does not result in a change in the number or duration of outages recorded for STPIS purposes.

Prior to the roll out of smart meters the first notification of an outage was the customer calling into the contact centre. Consequently, low voltage customers could have been off supply for some time before the customer became aware (i.e. until they get home) and call the contact centre. We therefore started recording the outage for STPIS purposes, and commencing restoration procedures, i.e. dispatching crew, from the time of the first customer call.

As a result of the meter outage notification capability in the Victorian smart meter specification, for area faults we now start recording the outage for STPIS purposes from the time of receiving the smart meter notification, and we commence responding accordingly. We do not need to wait until we receive a customer call into the contact centre. Notably, we only use meter outage notification to identify area faults and not for single customer premise faults. This is because notification from a single meter does not provide reliable evidence of a fault.

The earlier notification of the fault therefore means we start recording the outage sooner and commencing restoration procedures faster, however **this does not result in a reduction in the duration of the outage for STPIS purposes because our response process is the same.** This is shown in figure 2.1 below.

The key benefits resulting from faster outage detection are:

- a reduction in the duration of the outage overall because there is no longer a period of time where we are not aware that supply is off. However, as noted above, this does not reduce the duration of the outage from a STPIS perspective as restoration processes remain unchanged; and
- an enhanced customer service experience because supply may be restored before customers even become aware an outage occurred and the customer no longer needs to call the contact centre to initiate a fault response.

Deloitte's quantification of the potential STPIS impacts are simplistic and should not be relied upon to adjust our STPIS targets.

Deloitte's analysis assumed we used meter outage notification for both area faults and single customer premise faults. Additionally, Deloitte stated that this benefit would be unlikely to significantly reduce System Average Interruption Duration Index (**SAIDI**) due to the small number of customers affected by a low voltage (**LV**) fault.³

Deloitte also noted 'potential' benefits of reduced restoration times. However, Deloitte caveats this by saying:⁴

² Deloitte, *Department of Treasury and Finance, Advanced metering infrastructure cost benefit analysis*, August 2011, p. 65.

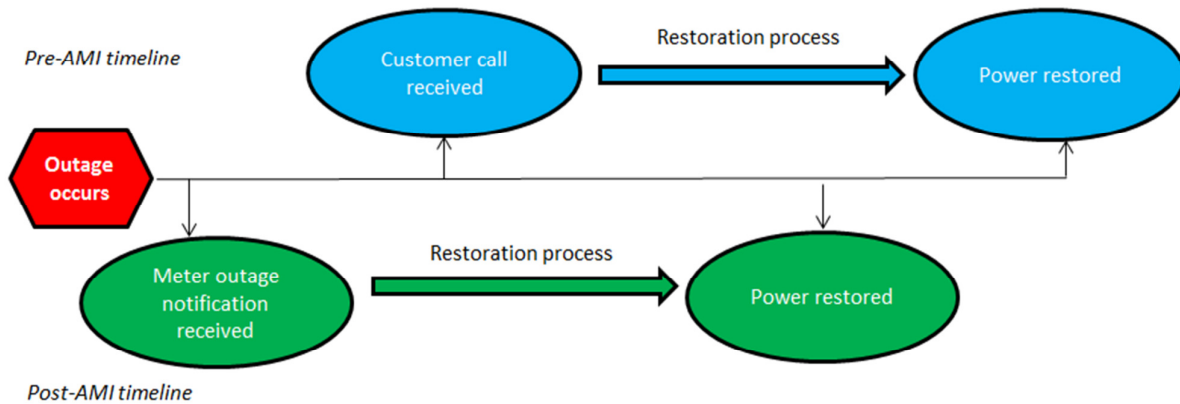
³ Deloitte, *Department of Treasury and Finance, Advanced metering infrastructure cost benefit analysis*, August 2011, p. 60.

⁴ Deloitte, *Department of Treasury and Finance, Advanced metering infrastructure cost benefit analysis*, August 2011, p. 61.

...innovation strategies will need to be developed over time to improve outage times. However, this additional benefit is difficult to quantify...

Importantly, the meter outage notification service is not part of the minimum national meter service specification required under the new meter contestability rules commencing on 1 December 2017. Therefore there is a real risk that we lose the capability to receive early identification of outages.

Figure 2.1 Impact of earlier fault notification using smart meter outage notifications



Source: CitiPower

Other smaller benefits

The Victorian Government's submission lists a number of 'other smaller benefits' from smart meters.

The table below summarises the business initiatives we implemented to achieve the identified network efficiencies and how these benefits are already reflected in our 2016–2020 operating and capital expenditure forecasts. We note that many of these initiatives were not funded under the AMI OIC.

Table 2.3 Other smaller benefits from smart meters

Smart meter benefit identified	Business initiative	Explanation of initiative	Reflected in 2016–2020 expenditure forecasts
<p>Avoided cost of investigation of customer complaints about voltage and quality of supply</p>	<p>Responsive voltage monitoring program Implemented during 2013</p>	<p>This initiative involves using AMI data to undertake initial profiling of voltage issues raised by customers.</p> <p>Prior to this initiative we initiated a site visit as the initial investigation step for all cases.</p> <p>The initiative therefore enables earlier resolution of the customer issue because desk based analysis of AMI data can commence sooner than scheduling a site visit.</p> <p>The initiative therefore enhances the customer experience by resolving the problem faster.</p>	<p>Does not result in significant network cost savings as reduced cost of initial site monitoring is offset with increased resource required for desk based analysis and a site visit may still be required in complex cases.</p> <p>Any net savings achieved are already reflected in 2014 operating expenditure.</p>
<p>Avoided cost of investigation of customer complaints of loss of supply which turn out to be not a loss of supply</p>	<p>Contact centre ping tool Implemented November 2012</p>	<p>The contract centre ping tool enables the customer service analyst to ping the customers meter to identify whether the fault is on the customer or network side.</p> <p>Additionally, as a result of the meter ping tool, we no longer send a fault truck to the site if the fault is identified as being on the customer side.</p>	<p>Savings reflected in 2014 operating expenditure.</p> <p>The reduction in wasted truck visits is a customer saving, as wasted truck visits are directly billed to the customer.</p>
<p>Reduction in calls to faults and emergencies lines</p>	<p>Interactive Voice Response (IVR) Implemented May 2013</p>	<p>Customers continue to call our contact centre when supply is interrupted, even though this is not necessary.</p> <p>However, the meter outage notification service enabled us to implement outage messaging automatically. The IVR allows a customer to identify oneself and receive a message confirming the outage without having to speak to an operator.</p>	<p>Savings reflected in 2014 operating expenditure.</p>

Smart meter benefit identified	Business initiative	Explanation of initiative	Reflected in 2016–2020 expenditure forecasts
Reduced cost of network loading studies for network planning	SAP HANA Implemented Q1 2013	The SAP HANA system provides a network electricity model mapping every household connection to the physical connection point in the network, and overlaying that model with network data. While the SAP HANA system provides greater data and data granularity, and consequently improved network planning, it also requires greater resourcing of data analysis and processing. The use of AMI data does not lead to reduced costs of replacing service fuses or HV/LV transformers as these must still be replaced on overload. The data analysis simply allows for better monitoring and network planning.	Benefits are fully reflected in our 2014 base year operating expenditure.
Avoided cost of replacing service fuses that fail from overload			
Avoided cost of proportion of HV/LV transformer fuse operations on overload			
Avoided cost of end of line monitoring	Retire DCI meters DCI meters deactivated in 2014	We now use AMI data on momentary outages and quality of supply for end of line monitoring. This enabled us to retire our ageing DCI meters which were previously used for end of line monitoring.	Customers will realise the benefit as we have not forecast expenditure for new or replacements DCI meters in the 2016–2020 regulatory control period.
Avoided cost of communications to feeder automation equipment	Use 3G rather than AMI mesh communications network	We do not use the AMI mesh communications network to enable communication between network equipment, such as high-voltage remote-controlled reclosers, with the control room. Instead we use the 3G communications network because 3G is a lower cost solution in this situation.	No savings identified.

Source: CitiPower

The following benefits were also listed by the Victorian Government, however these are not realised via the distribution network:

- avoided costs of installing import/export metering - benefit accrues directly to customer;

- customer able to switch retailer more quickly and with more certainty - benefit accrues directly to customer;
- reduction in calls related to estimated bills and high bill enquiries - benefit accrues directly to retailer; and
- avoided cost of supply capacity circuit breaker - benefit accrues directly to customer as supply capacity control devices are installed and owned by customers in accordance with the Victorian Service and Installation Rules.

3 Demand

3.1 Introduction

Submissions from the Victorian Energy Consumer and User Alliance (**VECUA**), Origin and AGL supported the AER's preliminary determination to apply AEMO's demand forecasts in place of the distributors' forecasts. A key reason cited by stakeholders was that AEMO's forecasts are independent.

We support AEMO's development of its demand forecasting methodology and we continue to work with AEMO to improve its methodology. We agree that in the future AEMO's forecasts may be able to provide a suitable comparison point for assessing the reasonableness of distributors' forecasts. However, at this stage, AEMO's forecasting approach is still a work in progress and is not yet sufficiently reliable to be used as a substitute for our forecasts. Importantly, AEMO has only just embarked on the task of forecasting demand at the transmission connection point level, the first forecasts were produced in 2014, and the methodology is in its infancy and still being refined. We note that on 22 December 2015, AEMO updated its 2015 connection point forecasts.

Our key concern with AEMO's 2014 and 2015 connection point forecasts are that they are developed by reference to simple historical time trends and then proportionally adjusted to ensure the growth across all connection points in Victoria matches AEMO's forecast of state-wide demand growth. The method does not take account of local demand drivers, such as population, income or prices, or known constraints on the network at the connection point, zone substation and feeder levels. We do not consider AEMO's current method provides a realistic expectation of demand requirements at each connection point. As acknowledged by the AER, it is the spatial-level demand forecasts that are most critical to assessing our capital augmentation requirements.

Importantly, our forecasts are also developed independently. We engaged the Centre for International Economics (**CIE**) to develop our demand forecasts at the transmission connection point and system level. We also engaged ACIL Allen to review our methodology for reconciling CIE's forecasts with our internally developed bottom-up zone substation and feeder level forecasts. ACIL Allen found our approach to be in accordance with best practice.

Further, Cambridge Economic Policy Associates (**CEPA**) reviewed our forecasting methodology and AEMO's against the AER's best practice demand forecasting principles and the requirements in the National Electricity Rules (**Rules**) and National Electricity Law. CEPA found AEMO's forecasting approach to be less satisfactory than our approach in meeting the AER's best practice forecasting principles. CEPA concluded that:⁵

After reviewing both AEMO's and the Businesses' approaches we consider that the Businesses' approach to demand forecasting at the connection point level is more likely to achieve the NER and hence the NEO than AEMO's.

Given our concerns with AEMO's 2015 forecasts, we consider it appropriate that the AER relies upon our own demand forecasts rather than those of AEMO in its final determination for the 2016–2020 regulatory control period.

3.2 Differences between our methodology and AEMO's

As noted above, the differences between the distributors' forecasts and AEMO's arise primarily due to differences in the forecasting methodology. In the AER's preliminary determination it cited reasons for preferring AEMO's forecasting methodology which we address in our revised regulatory proposal. The AER's preliminary determination accepted Jemena's demand forecasts on the basis that the methodology 'is clear and transparent and has the capacity to respond to recent apparent changes in demand drivers'.⁶

⁵ CEPA, *Review of demand forecasting approaches*, December 2015, pp. iv and 36.

⁶ AER, *Preliminary decision, Jemena distribution determination 2016 to 2020*, October 2015, p.6-109.

Our forecasting methodology is similar to Jemena's. In particular, we:

- undertake bottom-up forecasting at the zone substation and feeder level, which is essential for assessing our capital augmentation requirements and incorporates local knowledge. AEMO does not undertake spatial bottom-up forecasting;
- forecast connection point level growth using econometric models which relate demand to demand drivers. We use similar demand drivers and the same historical time period. AEMO does not relate connection point level demand to demand drivers; and
- apply a conservative approach to reconcile our connection point and bottom-up forecasts, by adjusting forecasts down where inconsistency arises.

The below table sets out the key features of AEMO's, Jemena's and our forecasting methodologies.

Table 3.1 Key features of demand forecasting methods

Forecast level	AEMO	CitiPower	Jemena
State-wide forecasts	<p>Econometric model linking state-wide peak demand per capita to economic drivers, including:</p> <ul style="list-style-type: none"> Gross State Product (GSP) per capita Electricity prices Temperature variables <p>State-wide demand given by multiplying per capita demand by population.</p> <p>Data period from 2002 to 2015.</p> <p>Post model adjustments for PV and energy efficiency.</p>	NA	NA

Forecast level	AEMO	CitiPower	Jemena
Network-wide forecasts	N/A	<p>Econometric model linking network-wide average and peak demand per capita to demand drivers, including:</p> <ul style="list-style-type: none"> GSP per capita Electricity prices Temperature variables Air conditioner penetration Dummy variables for seasons, days of the week, weekends and public holidays Network demand given by multiplying per capita demand by population. Post model adjustments for windfarms, solar PV, block loads and limiting industrial loads. 	<p>Econometric model linking network-wide demand to demand drivers, including:</p> <ul style="list-style-type: none"> GSP Electricity prices Temperature variables Dummy variables for specific days of the week and months of year Post model adjustments for solar PV.
Connection point forecasts	<p>Historical trend in growth based on linear or cubic relationship or set to zero. Growth rate applied to most recent observation</p> <p>Post model adjustments for block loads, PV and energy efficiency</p> <p>Reconciled to state-wide forecasts (see above).</p> <p>Growth rates based on data over period 2005 to 2015 where available.</p>	<p>Growth rate developed using econometric modelling linking weather normalised connection point demand per capita to demand drivers, including:</p> <ul style="list-style-type: none"> GSP per capita Electricity prices Temperature variables Air conditioner penetration Dummy variables for seasons, days of the week, weekends and public holidays Connection demand given by multiplying per capita demand by population. Half hourly models for each of summer and winter. Data period covering 2004-05 to 2014-15. Growth rate applied to trend line. Post model adjustments for windfarms, solar PV and block loads, limiting industrial load growth. 	<p>Growth rate developed using econometric modelling linking weather normalised connection point demand to demand drivers, including:</p> <ul style="list-style-type: none"> GSP Electricity prices Temperature variables Dummy variables for specific days of the week and months of year Running separate models for summer and winter demand. Data period covering 2004-05 to 2013-14. Growth rate applied to most recent observation. Post model adjustments for block loads.

Forecast level	AEMO	CitiPower	Jemena
Bottom-up forecasts	NA	<p>Weather normalise most recent demand data at each feeder sub transmission line and zone substation.</p> <p>Apply historical growth rates.</p> <p>Adjust for known load changes, new connections and load transfers.</p> <p>Use diversity and power factors to aggregate forecasts at each feeder sub transmission line and zone substation.</p>	<p>Capturing expected load changes based on new connections, customer consultation, local information sources and load transfers between feeders.</p> <p>Reconcile feeder demand to the previous year zone substation maximum demand.</p> <p>Use diversity factors to aggregate feeder and zone substation forecasts.</p> <p>Including load not captured at feeder level such as air-conditioning growth.</p> <p>Use diversity factors to aggregate zone substation forecasts to connection point level.</p>
Reconciliation process	Connection point forecasts adjusted by a proportional allocation of the state-wide demand growth forecast.	<p>Connection point forecasts adjusted down where:</p> <p>forecasts were inconsistent with the judgement of expert local planners</p> <p>aggregated connection point forecasts exceeded the network-wide forecasts</p> <p>Bottom-up forecasts adjusted down where exceeded the connection point forecasts.</p>	<p>Connection point forecasts are adjusted by reconciliation factors to reconcile the connection point forecasts with the network-wide forecasts.</p> <p>Adjusting bottom up forecasts to match connection point forecasts.</p>

Source: Jemena regulatory proposal Attachments 3-1 and 3-5, April 2015. CitiPower Revised Regulatory Proposal, January 2016, CP PUBLIC ATT 8.3 and CP PUBLIC RRP ATT 5.5.

4 Other matters

4.1 Introduction of cost-reflective tariffs

On 21 December 2015, the Victorian Government announced that cost reflective pricing arrangements will be implemented in Victoria through an opt-in approach.⁷ Given the timing of this announcement, the impact of this policy decision was not explicitly considered in our revised regulatory proposal.

The introduction of cost-reflective network tariffs—particularly the introduction of a demand charge—will encourage our residential and small and medium enterprise customers to manage their energy usage during particular periods. This is consistent with the pricing principles set out in the Rules, that network charges be reflective of the efficient costs of providing network services. Our approach is expected to lower maximum demand, and subsequently reduce future infrastructure requirements and future costs for all users.

The policy announcement by the Victorian Government increases the need to actively promote the benefits of cost-reflective pricing. For example, as stated by EnergyAustralia in its response to the AER's issues paper on our Tariff Structure Statement (TSS), the previous Victorian experience with time of use pricing suggests that many (if not the vast majority) of customers are reluctant to take active steps to opt-in to an alternative approach where the operation and impact is uncertain.⁸

To ensure the benefits of cost-reflective pricing are realised under an opt-in approach, our customer education program and need to actively promote cost-reflective tariffs (including with retailers) are expected to be greater than forecast in our revised regulatory proposal. This is consistent with other submissions provided in response to the AER's TSS issues paper. That is, AGL Energy submitted that an opt-in policy means that customers need to be aware of the benefits of the new demand tariffs.⁹ Similarly, the Clean Energy Council stated the benefits of an opt-in approach include that the onus will be distributors (as well as retailers) to educate customers about the benefits of the new tariffs.¹⁰

Our engagement activities are also expected to result in high volumes of customer enquiries. This reflects the correlation between our engagement processes and customer enquiry volumes, the complexity of network tariffs and the high level of public interest in tariff reform. For clarity, while we consider our costs may now be higher than stated in our revised regulatory proposal, we do not propose amending our forecasts.

4.2 Allocation of costs between metering and standard control services

The Victorian Government raised concerns with the AER's preliminary determination not to allow the reallocation of costs previously recovered under the AMI OIC to standard control services. We agree with the Victorian Government's key concerns that:

- allocating costs relating to the provision of distribution services to metering services resulted in cross subsidies between metering customers and distribution customers, and consequently small customers would subsidise large customers; and
- metering charges will be higher than they should be and this may lead to new entrants entering the metering market where it would have been inefficient for them to do so if the cross subsidies were removed.

⁷ Victorian Energy Minister, *Distribution network pricing arrangements*, 21 December 2015.

⁸ EnergyAustralia, *Tariff Structure Statement proposals – Victorian electricity distribution network service providers*, 20 January 2016, p. 5.

⁹ AGL Energy, *Tariff Structure Statement proposals of the Victorian electricity distribution network service providers*, 20 January 2016, p. 3.

¹⁰ Clean Energy Council, *Submission to the Australian Energy Regulator Issues paper on the Tariff Structure Statement proposals by Victorian electricity distribution network service providers*, 20 January 2016, p. 3.

Further, as set out in our revised regulatory proposal, we propose that operating expenditure associated with the provision of our IT systems required for the purpose of delivering distribution services should be allocated to standard control services because:

- our proposed allocation is consistent with the AER's cost allocation guideline and our approved cost allocation method, which the Rules expressly obligate us to prepare of operating expenditure forecasts in accordance with;
- failure to correctly allocate costs to the appropriate causes will lead to inefficient price signals following the introduction of metering contestability and inefficiently encourage substitution away from our existing metering service. This would be inconsistent with the National Electricity Objective;
- failure to correctly allocate costs is contrary to the revenue and pricing principles in section 7A of the National Electricity Law, which states we should be provided with effective incentives in order to promote efficient investment in our distribution system; and
- failure to correctly allocate costs is inconsistent with the national pricing objective in the Rules which states that prices we charge for direct control services should reflect the efficient costs.

We therefore strongly agree with the Victorian Government's submission which states that it is incumbent on the AER to resolve cost allocation issues now and not defer until the completion of the updated ring fencing guidelines.