

Electric vehicles and metering workshop

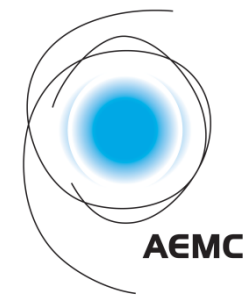
29 February 2012 Sydney Marriott Hotel



AUSTRALIAN ENERGY MARKET COMMISSION

Presentation outline

- The Review
- Key principles and considerations for the review
- Objectives of this workshop
- Agenda for today

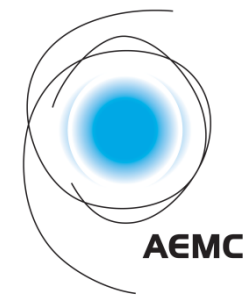


The review



The Review

- In July 2011, the AEMC received a Request for Advice from the Ministerial Council on Energy (MCE).
- We are required to advise the MCE on how energy markets can facilitate the adoption of electric (EVs) and natural gas vehicles (NGVs) in the most economically efficient manner.
- We must:
 - investigate the costs and benefits that EV and NGVs will have on energy market infrastructure.
 - consider both the electricity market (National Electricity Market and WA electricity market) and natural gas markets.
 - make recommendations to amend the energy market frameworks
 - engage in a consultative manner
 - provide this advice by mid 2012.



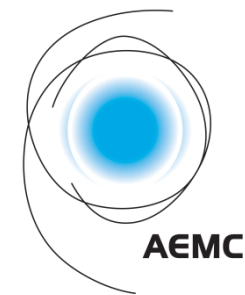
Key principles for the review



Key principles for the review

When we provide our advice that seeks to promote the ‘economically efficient’ take up of EVs we refer to the fulfilment of the following principles:

- Promoting consumer choice with respect to these technologies.
- Appropriately allocate costs to the party that causes these costs insofar as is feasible.
- Ensure that the security, safety and reliability of the electricity system is maintained.
- Minimise the costs and risks of regulation to service providers and electricity users.

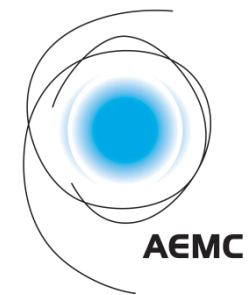


Metering



Why is metering a key issue for this review?

- Metering arrangements are an enabling condition to promote consumer choice with respect to EVs.
- Metering arrangements can facilitate innovation by supporting a range of business models, which provide EV services. This promotes competition and facilitates consumer choice.
- Metering arrangements enable the facilitation of incentives to manage potentially adverse impacts of EV on peak demand
- Metering arrangements therefore play an important role in ensuring that the costs to the electricity market are allocated to the appropriate party.
- Our objective is not to pick a ‘best’ metering solution but instead to facilitate a range of metering arrangements consistent with consumer preferences and efficient cost.



Workshop objectives and agenda

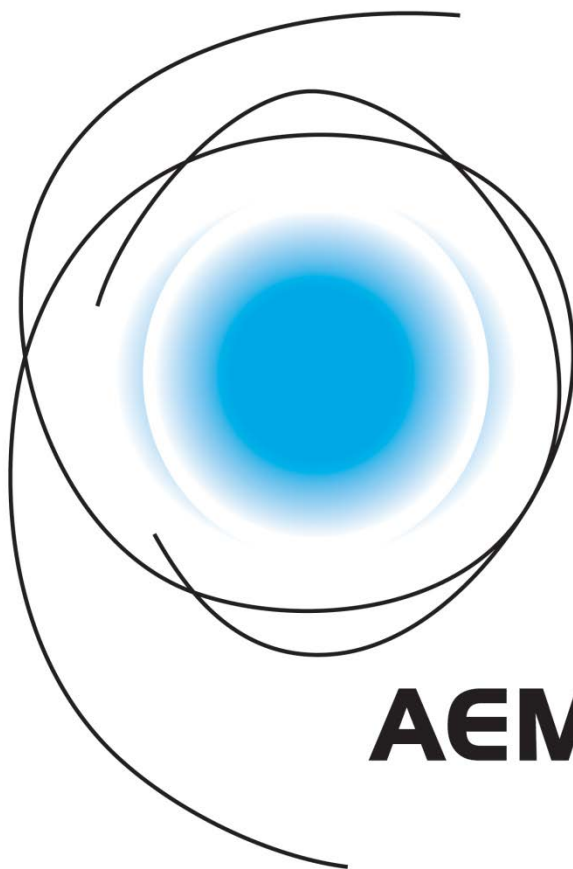


Objectives of this workshop

- To inform stakeholders on the issues arising with EV and metering arrangements.
- To discuss the merits of the various metering arrangements possible in the NEM and to hear views from all stakeholders in an interactive manner.
- To focus the discussion on metering arrangements, we will not be discussing settlement and confidentiality of data directly at this workshop.
- The outcomes of this workshop will feed directly into our preparation of the Draft Advice (due end of May)

Agenda for Today

Time	Item
10.00 -10.20	AEMC presentation
10.20 – 10.45	Peter Egger’s presentation
10.45-12.30	Discussion of metering arrangements
12.30 – 13.00	Lunch
13.00 – 13.45	Short presentations
13.45- 14.00	Final comments and next steps



AEMC