**Metering Competition (MC) (Post Final Determination) Workshop #5 – 14 and 15 December 2015**

**59 Attendees**

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| --- | --- |
| Name | Company |
| Paul LeFavi | AEMO (Chair) |
| Aaron Bensted | AEMO (Secretariat)  |
| Demi Chau | AEMO |
| Noura Elhawary | AEMO |
| Roy Kaplan | AEMO |
| Taryn Maroney | AEMO |
| David Ripper | AEMO |
| Tim Sheridan | AEMO |
| Robert Speedy | AEMO |
| Allicia Volvricht | AEMO |
| Glenn Palleson | ActewAGL |
| Jeff Roberts | ActewAGL |
| Caroline McGeechan | Active Stream |
| Shaun Cupitt | Acumen Metering |
| Richard Owens | AEMC |
| Kate Reid | AEMC |
| Mark Riley  | AGL |
| Stephen Zok | Ausgrid |
| Jackie Krizmanic | Ausnet Services |
| Peter Ellis | Ausnet Services |
| Greg Szot | CitiPower |
| David Tealby | EDMI |
| Dino Ou | Endeavour Energy |
| Lyn McBryde | Energex |
| Douglas Miles | Energex |
| Randall Brown | Energy Australia |
| Georgina Snelling | Energy Australia |
| Karly Train | Energy Australia |
| Tony Woolfe  | Essential Energy |
| Inger Wills | IntelliHUB |
| Mohan Kuppusamy | Jemena |
| Nirav Rajguru | Jemena |
| Leon Vilfand | Jemena |
| Stefanie Macri | Lumo/ Red Energy |
| Mara Tenis | Lumo/ Red Energy |
| Charles Coulson | Metropolis |
| Joanne Tseng | Mojo Power |
| Henry Cuik | Momentum Energy |
| Darren Bailey | Origin Energy |
| Camille Hymer | Pacific Hydro |
| Josephine Kempster | Pacific Hydro |
| Michael Slunksy | People Energy |
| Shadina De Jong | People Energy |
| David Rofe | Powercor |
| Vannasone Sihathep | Powercor |
| Ian Wolhuter | Powermetric |
| Haiden Jones | Powershop |
| David Woods | SA Power Networks |
| Marcus Hankey | Select Solutions |
| Krys Baker | Service Works |
| Monalisa Navaria | Service Works |
| Ty Crowhurst | TAS Networks |
| Warren Brooks | TAS Networks |
| Penny Cayzer | United Energy |
| Jo Rankine | United Energy |
| Stephen Thomson | United Energy |
| Verity Watson | United Energy |
| Opal Russ | Vector AMS |
| Brian Sykes | Western Power |

**Workshop Notes:**

**Red text highlights action items.**

**Purpose of workshop:**

The objective of this two day workshop is to discuss the key themes of the Final Determination, relevant clauses and provide an overview of the potential impacts and changes to AEMO Procedures.

**Power of Choice (PoC) Procedure Working Group Engagement Plan**:

T. Sheridan (AEMO) presented AEMO’s proposed high-level engagement approach for future PoC workshops.

The group raised the following points for AEMO consideration:

* Potential issues in ensuring appropriate people attend the working groups. Further discussions touched on whether it would be best to consider outlining in the Terms of Reference (ToR) specifying the appropriate Subject Matter Experts (SME’s) and business leads attend with ability to make the appropriate recommendation.
* Deliverables and purpose must be clear for smaller working groups if formed.
* The group raised a question about what transparency is needed for attending business representation(s) and then a potential process where key recommendations are reported back to larger group for consideration.
* The group discussed how best to break down the PoC changes given most Procedures are interconnected. This will be a key element to consider going forward.
* The group discussed streamlining Procedures and consolidating processes that avoid re-engineering old processes that may be redundant.
* AEMO noted that an outline for a guiding principles document can be based on Procedures therefore providing clear definition and scope of potential working groups.
* AEMO will review the feedback from participants and attempt to provide further updates for the group structure for the January 2016 workshops.
* It was noted amongst the group that Option 2 (see PoC Procedure Working Group Engagement Plan – Final.ppt) – separate the themes into modules (i.e. smaller working groups comprised of subject matter experts focusing on specific deliverables). This could be the best practical structure for the program going forward.

**Metering Competition (MC) Final Determination**

AEMO presented on the key themes of the MC Final Rule Determination, relevant clauses and provided an overview of the potential impacts and changes to AEMO Procedures. The following themes were discussed in the workshop.

D. Chau (AEMO) presented the following topics for discussion to the group with the key points of discussion and action items noted:

***A. Role and Definitions of Metering Coordinator***

* The group discussed and clarified that the definition of a ‘small customer’ is an existing definition in chapter 10 of the Rules.

***B. Metering Coordinator Appointment***

* The Rule prohibits a market customer from becoming a Metering Coordinator with two exceptions:

1. The Financially Responsible Market Participant (FRMP) can be a Metering Coordinator at a connection point on a transmission network.

2. A Generator can be appointed as the Metering Coordinator at a connection point that connects its generating unit to the distribution network

* The group discussed upon parties that may appoint a Metering Coordinator. A retailer wishing to provide metering services would need to register for the Metering Coordinator role under a separate legal entity. A DNSP wishing to provide metering services Reference would need to have a ring-fenced business. The reason for the difference is that ring-fencing guidelines (to be published by the AER) only applies to DNSPs.
* The group discussed the commercial nature of the Metering Coordinator appointment and service provision where the Metering Coordinator does not have a contract with the Retailer to provide services to other parties. It was clarified that the Metering Coordinator must fulfil its regulatory obligations under the Rules and Procedures which may include providing data/services to other registered participants. Such obligations will be performed by the Metering Coordinator on terms and conditions of its appointment by the FRMP.
* The group discussed the transitional arrangements for the initial Metering Coordinator with the following points noted:
	+ The group queried whether the DNSPs must continue to provide metering services for type 5 and 6 meters. Do they have an option to transfer those services to another party? The group discussed different ways this could be achieved:
		- The DNSP could work with the Retailer to replace the existing type 5/6 meter with a type 4 meter and appoint a different MC.
		- Another party could be appointed as MC for the existing type 5/6 meter. The existing meter would need to be acquired or leased from the DNSP or the DNSP could be appointed as MP in this arrangement.
	+ The group discussed the difference in maintenance replacement for faulty meters that do not meet requirements under the Rules. If a family meter fails accuracy tests, do the obligations then align to meter malfunction Rules. It was noted that there’s potential to discuss meter malfunctions at proceeding workshops given this is design/ solution scenario.

***C. Roles and Responsibilities for Provision of Metering Services***

* AEMO to publish registration information documents by 1 March 2017.
* The group discussed transitional activities for the existing type 1-4 meters – a MC will need to be appointed for these meters prior to 1 December 2017. An option is to use the bulk change tool.
* The group discussed whether there is a requirement for clarity of Type 5 VIC AMI meters being changed to Type 4 as discussed in previous workshops. Type 4 meters are remotely read interval meters with consumption of up to 750MWH. VIC AMI meters are interval read interval meters which have been installed at sites with consumption at 160MWH or higher. AMI meters are classified as type 5 due to a derogation that deems them to be type 5. At the commencement of the new Metering Competition Rules, the derogation will end and AMI meters will be classified as type 4. Type 4A is not relevant to AMI meters as it only applies to new and replacement meters installed for small customer metering installations after the commencement of this Rule.
* Metrology Procedure was discussed where it relates specifically to Metering Coordinator Rule changes. It was determined by the group that other roles will be discussed later in the piece.
* The group discussed MP’s and MDP’s additional requirements in preventing unauthorised access to small customer Metering Installations. Participants suggested restrictions should be placed on access to the data rather than the physical metering installation The intent of the rule is to prevent unauthorised access, the details are to be worked through in the procedures.

N. Elhawary (AEMO) presented the following topics for discussion to the group with the key points of discussion and action items noted:

***D. Minimum Services Specification (MSS)***

* AEMO clarified that the Metering Coordinator is not obligated to provide the minimum services specifications, Rather the terms and conditions on which those services are provided, if at all, will be subject to commercial negotiation between the Metering Coordinator and third parties.
* A question was raised by the group on whether the Service providers will need to be accredited to provide the minimum services specification or not.
* The AEMC has clarified that the requestor for the services within the minimum services specifications need to be an allowed access party under the rules, and they can be in commercial agreement with the MC, the MP, or the MDP to request the service. However the MC still has the obligation to ensure that services are only accessed by the allowed access parties.
* The group requested that the minimum services specifications service levels, and performance standards terms to be defined, and that a diagram to clarify the definitions to be provided to participants to ensure a common understanding when developing the procedure.
* The group requested scenarios to show how the remote on-demand meter read be used by industry.
* Further discussion initiated by AEMO noted the following issues raised from previous workshops:
	+ Jurisdictional Safety regulations for de-energisation and re-energisation are to be defined by the jurisdictions.
	+ Incoming Retailers have been added to the list of access parties who can request a remote reconnection before becoming a FRMP. The incoming FRMP needs to have an existing agreement with the Metering Coordinator, MP or MDP to reconnect.

T. Maroney (AEMO) presented the following topics for discussion to the group with the key points of discussion and action items noted:

***E. Remote Disconnection and Reconnection Services***

* AEMO discussed the following potential Procedure documents to be reviewed as part of detailed design:
	+ B2B Service Order and CSDN (existing), MSATS Standing Data, MSATS & WIGS Procedures NMI Discovery,
	+ The Role of the Metering Coordinator (new guide),
	+ Emergency priority procedures (new procedure).
* The group discussed that no party can install a new meter unless negotiating with the Retailer. Metering Coordinator’s negotiate the contract with the Retailer and therefore as part of their own business can discuss this point to avoid blockages when a planned outage is required. This is a noted point of discussion amongst the group.

***G. Safety Issues and Life Support***

* The group discussed the Procedure documents B2B Procedures (CSDN) – Life Support MSATS Standing Data, MSATS and WIGS Procedures NMI Discovery for clause NERR 125(2). The group noted that all obligations are on the network and the Retailer.

R. Kaplan (AEMO) presented the following topics for discussion to the group with the key points of discussion and action items noted:

***H. Opt Out Arrangements***

* The group questioned the Procedure for move-in customers, who have a Type 4 meter installed. The general agreeance of the group was to disconnect communications and install a Type 4A meter. It was noted the default meter is a Type 4 with remote communications.
* The group posed a scenario where a Type 4 meter customer has requested to be changed back to 4A meter where the customer had previously requested that smart communications be deactivated. The question from the group posed if is there are provisions in the Rules for a customer to opt out. The AEMC will clarify this scenario and it was agreed this will be added to the Issues Register.
* The Procedure document Guide to the Role of the Metering Coordinator was discussed with reference to clauses NER 7.8.4 (e), (f), (g), (h) and 59A. The following discussion points have been noted:
	+ The group raised a question regarding the metering provider Service Level Procedure (SLP) for wording about only installing a communications unit when directed? A point to consider was how this is communicated to the MDP advising that the MP was instructed not to install communications. The Metering Coordinator will be the party ordering the installation and advising no communications in this scenario. The group noted that this item is considered as B2B and can be considered by the IEC.
	+ The group discussed the possibility of creating a SLP for MDP as an impacted document. It was agreed AEMO will take this as an action item.
	+ The discussion amongst the group for the scenario of when a customer moves to another Retailer and there’s an appointment of a different Metering Coordinator. The group discussed that this is a terms and conditions of Retailer contracts as all customer options may not be carried over to the new provider and there can be no assumptions that the previous information moves across to the next Retailer.
	+ It was noted that there is provisions within the Rule for AEMO utilising discretion to determine exemptions if that is the case at the connection point.

***I. Arrangements for Accessing Energy and Meter Data***

* It was discussed by the group and noted that there are provisions in place for a clear split between what is needed for market settlement and what is needed for value added services. There are a number of provisions under the Minimum Service Specifications (MSS) including links to metering data provision Procedures in terms of customers gaining access to own data, service level Procedures for MDP’s, MDFF, WIGS and MSTATS Procedures.
* The group outlined that the current Rule specifies a participant can request data. Type 1, 2 and 3 have VARS accuracy covered in the Procedure. It was noted that to be cleared in the functional specifications that Type 4 is covered. Currently small Type 4 and Type 4A meters are covered under the Rule on small sites but not large sites. This gap identified fits into BAU arrangements and can be raised by Industry as an Issues Change Form (ICF).

***J. Options for Distribution Network Service Provider’s (DNSP) to Monitor and Operate Their Networks***

* The group discussed the Network Device Procedure (new document) with reference to clauses NER 8.8.6(i) and NER 7.8.6. The following discussion points have been noted:
* The group discussed the scenario where if wiring is included for MDP. It was agreed this will be added to the Issues Register.
* Another point of note discussed by the group is the notification period and where information is stored. It was agreed this would be added to the Issues Register.
* The group discussed the scenario of Disconnection of the network by the LNSP in the instance of whether this is physical or remote disconnection. It was agreed that this needs to be made clear, and has already been added to the Issues Register. An extension of this scenario for consideration is if a network device can be captured in this instance. It was agreed this would be added to the Issues Register. It was also agreed that further clarity is required for the definition of ‘network device’ and service order subtypes. This is captured as an action item.

T. Maroney (AEMO) presented the following topics for discussion to the group with the key points of discussion and action items noted:

***K. Ring-fencing Arrangements***

* It was discussed and agreed by the group that AEMO will be required to register the LNSP. When the LNSP then acts as the Responsible Person (RP) when therefore becoming the Metering Coordinator.
* The Procedure document Existing Metering Services Provider Accreditation and Registration Procedure was discussed in reference to NER clause 6.17.2. The following discussion points have been noted:
	+ The Australian Energy Regulator (AER) to deliver Ring Fencing Guidelines by 1 December 2016.
	+ It was suggested by the group that a dot point be added in the PoC program timeline for 1 December 2017. AEMO will raise this with the Project Management Team.
	+ It was clarified by the AEMC that the expected dates for delivering timelines and has yet to be communicated and therefore unknown if timelines are reasonable with AEMO and the AER.

***L. Retailer of Last Resort (RoLR)***

* The group considered for the new RoLR that the Metering Coordinator is to be reappointed given any Retailer changeover. It was agreed that the AEMC will seek further clarity for intention of this Rule.
* The group discussed the difference between the MP and Metering Coordinator for RoLR. It was noted that an incoming Retailer can select new a Metering Coordinator, however the MP cannot change and the MP must take on existing contracts in a RoLR event. It was also noted that Industry are required to take on the role of Metering Coordinator only and will not have the MP and MDP in consideration in a practical constraint given a RoLR event.
* The group considered an issue raised of regulatory framework in relation to RoLR for National Energy Retail Law (NERL) provisions. It was agreed that if there are any NERL changes that this must be done by 1 September 2016. It was agreed this would be added to the Issues Register.
* It was discussed and suggested by the group that MSATS needs to be added to the potential impacted procedures - NEM RoLR Procedure document. It was agreed this will be an action item.

**Issues Register:**

* R. Kaplan reviewed the Issues Register (as at 18 November 2015) with the group summarising issues for the current listed items with Participants providing input for the progression of these issues.
* The issues log is to be updated to reflect the discussion and new issues raised. The issues log will be circulated with the next meeting pack. Any feedback or new issues are invited, and should be sent to PoC@aemo.com.au on an ongoing basis.

**PoC Procedure Engagement Plan Discussion**

Following discussions from earlier in the workshop regarding the PoC Procedure Working Group Engagement Plan, T. Sheridan suggested that the working group functions and purpose be aligned to meet deliverables. The following concepts were discussed:

* The Procedures are logical by type/ focus areas can perhaps be sourced from the Issues Register and sequence or prioritise procedures.
* Clearly organise and rank the top issues and prioritise.
* Creation of the Guiding Principles documents with a view to understand obligations, new requirements (scope), compliance, operational efficiency and provide flexibility with business policy and leverage existing material.
* Consider creation of working group frameworks.
* Consider use of fact sheets.
* Creation of risk, dependency and interdependency registers.