

## MEETING OUTCOMES – IT FORUM

MEETING: WAMRP IT Forum 1  
 DATE: Wednesday, 26 October 2016  
 TIME: 10.00 pm – 2.05 pm (AWST)  
 LOCATION: AEMO Boardroom – Level 17, 197 St Georges Terrace, Perth

### ATTENDEES:

NAME	COMPANY
Courtney Roberts	AEMO
Greg Ruthven	AEMO
Jacque Miller	AEMO
Khadeja Hansia	AEMO
Marc Hettler	AEMO
Mark Brodziak	AEMO
Martin Maticka	AEMO
Neetika Kapani	AEMO
Phil Hayes	AEMO
Philip Ghusn	AEMO
Robert Speedy	AEMO
Jeanne Walczak	Alinta
Kirsty Hooper	Alinta
Robert Ritchie	Bluewaters
Andrew Murray	Collgar Wind Farm
Gemma O'Reilly	Collgar Wind Farm
Steve Gould	Community Electricity
Jake Flynn	ERA
Simon Scott	NewGen
Mike Reid	PUO
Paul Myburgh	Synergy
Akshita Sri Vatsavaya	Wesfarmers
Craig Beasland	Wotnix

### 1. Welcome

### 2. Architectural Overview

- Architectural overview as per the Forum slide pack.

### 3. MarketNet Overview

- Participants can continue to use the RSA token method for connecting to MarketNet. Using a RSA token doesn't limit functionality.
- A static IP address not required for MarketNet to get through the white list.
- Participants have the option of utilising Telstra IPWAN service offering.

- AEMO recommends utilising geographic or technology diversification for their connectivity to MarketNet.
- RSA token access has a bandwidth restriction of 256kbs. Many existing Participants find 256kbs sufficient.
- Once a Participant receives a token the job will go into service queue and picked up and configured from AEMO's end, hence a 3 day delay on the RSA token. RSA tokens assigned per company. If trading after hours the token needs to be passed around. Hard tokens are only supported. Two hard token are provided, additional tokens are available for a fee.
- AEMO will consider the concern raised about protecting WA connectivity if there are internet related issues in accessing the eastern states.
- A company who trades for multiple other companies only requires one token and bandwidth entitlements can be accumulated.
- No upfront costs for MarketNet from AEMO. There will be fees from other service providers associated with accessing either the internet or Telstra's IPWAN.
- 5 minute interval data puts a minimal load on 256K.
- Data which is resident within the Legacy WEM (i.e. systems that AEMO will be replacing) will be maintained for a period of time to allow for revisions before being decommissioned.
- Participants requiring access to date back to 2006 will need to maintain a local copy. It is not the intention to maintain the existing systems perpetually because there is a significant associated cost.

#### **4. Retail Market**

- A participant will need to use different participant ID's for separation from the NMIS for wholesale and retail.
- Participants need to be on MarketNet for FTP access or MSATS, and all web services.
- MSATS has two types of volume limits; one is a file limit - if not acknowledging files quickly enough a participant will be warned. Change requests have daily limits. Volume limits are generous and tailored for each participant.
- Participants are either labelled against an NMI or not.
- Must be a participant to access MSATS. Participants need to have arrangements with whoever the front is for NMS to obtain data. Metering data does not redistribute from MSATS to other parties.
- Limited history available through MSATS. Some indication from the second level reconciliation reports.
- Pre-Production is now live and a Participant ID from AEMO. Participant needs to determine what roles you are allowed to access, a MarketNet connection and then you could practice creating users and assigning rights.
- B2B is available as soon as a Participants have a login.

#### **5. Power Systems**

- ICCP bridge is a standard and will be retained.
- MSATS available immediately, the dispatch systems need to be built and populated with WA data. Trial period is set for Jan 2018.

## 6. Energy/AS and Settlements

- Almost every menu item has individual entities, it is reasonably granular e.g. there would be an entity for credential dashboard an entity for some of the other screens, market notices.
- MarketNet permissions gets a participant onto MarketNet but doesn't go into the market systems themselves.
- A PA can access every screen and can create users and can give those users grants to every security right they have themselves. Typically the PA account is typically managed by someone in a senior IT role.
- The design of the URM is that you can only create users which have a lesser set of rights than the PA.
- Cannot set an expiry data for access, it has to be deactivated at the time. If a PA has forgotten their password then the PA would have to contact AEMO to arrange for the PA password to be reset.
- The hokey pokey interface is for MSATS which is retail and a different system.
- If you chose to bypass the data interchange and access the files separately that is a Participants choice.
- The document on the AEMO website which considers typical database sizes is located at <http://www.aemo.com.au/-/media/Files/PDF/03100015.pdf>.
- Data will be available as part of the market trial to be run in the market production environment. At that point you can clear out the data or simply choose to ignore it.
- AEMO keeps approximately 6 months of data online. If it's more than six months AEMO publishes monthly archives of information on DVD which we send out to registered participants each month. They will be published to the cloud going forward.

## 7. STEM and RCM

- STEM will transition from operating as part of WEM to part of the NEM system on 1 July 2018.
- Bilateral trades will be further considered.

## 8. Other Business

Phil Ghusn at AEMO is the point of contact for the on-boarding process and IT questions. Please contact Phil at [Philip.Ghusn@aemo.com.au](mailto:Philip.Ghusn@aemo.com.au).

## 9. Future Agenda Items

The next forum date is to be confirmed at a later date.