AGENDA

MEETING:	POWER OF CHOICE – PROGRAM CONSULTATIVE FORUM #14
DATE:	THURSDAY, 26 OCTOBER 2017
TIME:	10:00 AM – 11:30 AM AEDT
TELECON:	**1800 055 132 MEETING ID: 35928675**
LOCATION:	MELBOURNE, LEVEL 22, 530 COLLINS STREET, MELBOURNE
	SYDNEY, LEVEL 2, 20 BOND STREET, SYDNEY
	BRISBANE, LEVEL 10, 10 EAGLE STREET, BRISBANE
	ADELAIDE, LEVEL 9, 99 GAWLER PLACE, ADELAIDE
OTHER ATTENDEES:	NIL REQUESTED

No.	Agenda Item	Paper	Responsible	Action
Preliminary Matters				
1	Welcome & Apologies		Chair	Note
Matters for Discussion				
2	Actions from Previous Minutes		Chair	Note
3	Program Update ⌡ Program update / schedule	*Item 1: Power of Choice program update presentation*	AEMO	Note
3	Industry Test Update		AEMO Test Lead	Note
4	New Risks – recommendation from B2B-WG		B2B-WG	
5	Other Business		Chair	

Attachments:

Next meeting: Wednesday, 8 November 2017.

Power of Choice – Program Consultative Forum Membership List by Company

Full Name	Parent Company
Glenn Pallesen	ActewAGL Distribution
Michael Monck	ActewAGL Distribution
Russell Forster	ActewAGL Retail
Kate Goatley	ActewAGL Retail
Jason Mould	Active Stream Pty Limited
David Forsth	Agility Customer Information Systems
Andrew Peart	AGL Energy Limited
Mark Riley	AGL Energy Limited
Bob Poker	Alinta Energy Retail Sales Pty Ltd
Giles Whitehouse	Aurora Energy Pty Ltd
Murray Chandler	Ausgrid
Emma Youill	AusNet Services
Justin Betlehem	AusNet Services
Bert Vangheel	AusNet Services
James Bleed	AusNet Services
Stephen Thompson	AusNet Services
Adrian Hill	AusNet Services
Richard Owens	Australian Energy Market Commission (AEMC)
Kate Reid	Australian Energy Market Commission (AEMC)
Who Is On Location	Australian Energy Market Operator (AEMO)
David Cornelius	Department of Environment, Land, Water and Planning
Simon McCabe	Department of Environment, Land, Water and Planning
Michael Whitfield	Department of Industry
Katharine Hole	Department of Industry
Stuart Richardson	Department of Industry
Jessica Lane	Department of the Environment and Energy
Stephen White	Diamond Energy Pty Ltd
Kathryn Heywood	Electrag Pty Ltd
Dino Ou	Endeavour Energy
Anna Russo	Endeavour Energy
Kristie Brennan	Energex Limited
Richard Kelly	Energex Limited
Doug Miles	Energex Limited
Carly Irving	Energex Limited
Helen Robertson	Energy Australia Pty Ltd
Patrick Carrick	Energy Australia Pty Ltd
Sam Sutton	Energy Australia Pty Ltd
Shawn Tan	Energy Australia Pty Ltd
Melinda Green	Energy Australia Pty Ltd
Georgina Snelling	Energy Australia Pty Ltd
Sharnii Fisher	Energy Locals
Adrian Merrick	Energy Locals
Leonie Vandermolen	Energy Plant Management
Greg Nielsen	Ergon Energy Pty Ltd
Michelle Norris	Ergon Energy Pty Ltd
Glenn Walden	Ergon Energy Pty Ltd
John Chiodo	ERM Power Limited
Tony Clark	ERM Power Limited

Louise Webb	ERM Power Limited
Graeme Ferguson	Essential Energy
Debbie Voltz	Essential Energy
Gary Gupta	Flow Power
Rod Jones	intelliHUB Pty Ltd
James Barton	IPower Pty Limited & IPower 2 Pty Limited
Jacinta Daws	Jemena Limited
Matthew Serpell	Jemena Limited
Stefanie Macri	Lumo Energy Australia Pty Ltd
Roger Barnes	Lumo Energy Australia Pty Ltd
Andrew Mair	M2 Group
Lisa Ball	M2 Group
Hayley Ericksen	Macquarie Bank Limited
Chris Boek	Metropolis Metering Assets Pty Ltd
Stuart Rainsford	Momentum Energy Pty Limited
Naomi Feast	Next Business Energy Pty Ltd
Alex Fattal	NSW Department of Industry
Jacqueline Crawshaw	NSW Department of Industry
Lawrence Gibbs	Origin Energy Limited
Darren Bailey	Origin Energy Limited
Andrew Suwignjo	Pacific Hydro Pty Ltd
Peter Meywes	Pooled Energy Proprietary Limited
Phil Gardiner	Powercor Australia Ltd
Ian Wolhuter	Powermetric
Jacqui Warman	Powershop Australia Pty Ltd
Hunter Smith	Red Energy Pty Limited
Chris Hookey	Red Energy Pty Limited
David Woods	SA Power Networks
Dana Rankine	SA Power Networks
Peter Taylor	Secure Meters (Australia) Pty Ltd
Lance McMinn	Secure Meters (Australia) Pty Ltd
Slavica Nikolovski	Select Data and Measurement Solutions
Scott Chapman	Select Data and Measurement Solutions
Aakash Sembey	Simply Energy
Stephen Thomson	Spotless
Kellie Mayne	Spotless
Warren Brooks	TasNetworks
Leanne Rees	TasNetworks
Richard McNulty	United Energy Distribution Pty Ltd
Mark Henley	Uniting Communities
Paul Greenwood	Vector Advanced Metering Services (Australia) Pty Ltd
Neil Bryden	Vector Advanced Metering Services (Australia) Pty Ltd
Dean Van Gerrevink	Vector Limited

PROGRAM CONSULTATIVE FORUM MEETING PACK

DATE: Thursday 26 October 2017
TIME: 10.00 AM – 11.30AM (AEST)
VENUE: AEMO OFFICES; MEL, SYD, ADE, BRI
TELECONFERENCE: DIAL IN: 1800 055 132 ID: 35928675
CONTACT: poc@aemo.com.au

AEMO
AUSTRALIAN ENERGY MARKET OPERATOR
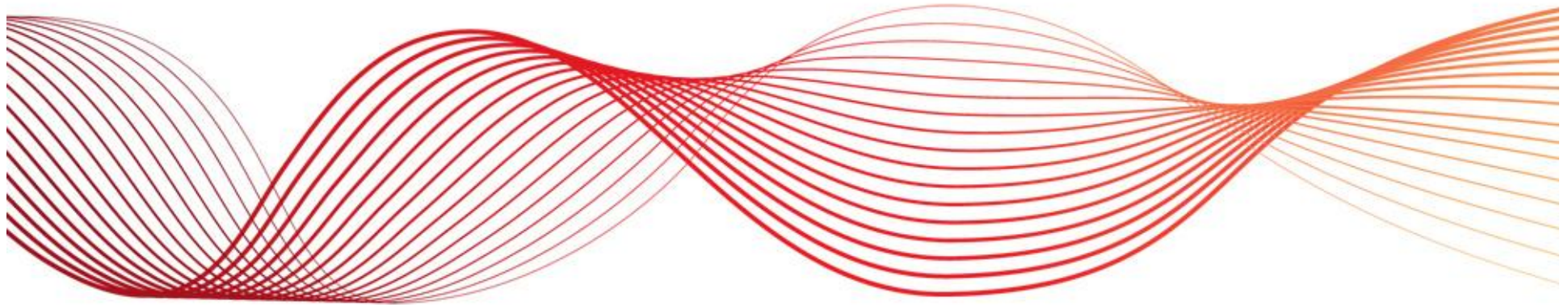
POWER OF CHOICE PROGRAM UPDATE

ACTIONS FROM PREVIOUS MEETING

#	Description	Date due	Status	Owner	Comments/Outcomes
A15	LNSPs and MCs are to review each scenario provided under a change of role in the attached spreadsheet and notify what action their specific organisation will take, either object (y) or not (n). Refer to attachment: ACT 2 Change Request Objection Clarifications. Responses to 6800 and 6300 messages	~~28 Sep 17~~ 18 Oct 17	Open	All parties	
A16	How do LNSPs plan to deal with any backlog of DNP transactions that are not processed during the periods of 24/11 to 4/12 and the NERR protected period 20/12 to 31/12?	26 Oct 17	Open	ActewAGL	
		26 Oct 17	Open	Ausgrid	
		26 Oct 17	Open	Ausnet	Will resolve all immediately following embargo windows.
		26 Oct 17	Open	CP / PC	
		26 Oct 17	Open	Endeavour	
		26 Oct 17	Open	Energex	
		26 Oct 17	Open	Ergon	
		26 Oct 17	Open	Essential	
		26 Oct 17	Open	SAPN	
		26 Oct 17	Open	Jemena	
		26 Oct 17	Open	TasNetworks	
		26 Oct 17	Open	UE	

Attachment PCF Action Summary

AEMO PROGRAM UPDATE

General

- Upcoming meetings:
    - Executive Forum Tuesday 31 October 2017

AEMO Procedures

- AEMO generating a forward plan for the transfer and management of Procedure changes identified throughout the PoC Program

B2B Procedures

- All errata items sent to the IEC and have been approved.
    - All documents have been uploaded to the AEMO website on behalf of the IEC

Systems

- AEMO system releases occurring to resolve defects and incorporate some minor screen updates according to the IEC errata publications

Communication Plan:

- AEMO will publish final FAQ and Fact Sheets by 27 October 2017

AEMO PROGRAM UPDATE

Readiness:

- Readiness Reporting:
  - October POC Monthly Readiness Reports released 18 October

- Accreditation and Registration:
  - **Full MCs**: 1 registration approved, 11 applications received, 5 in progress/under assessment, awaiting supporting documentation from all others
  - **Initial MCs:** 4 registrations approved, all DNSP applications received, 8 in progress/under assessment
  - **Type 7 MCs:** 4 registrations approved, 1 outstanding DNSP applications, 7 in progress/under assessment
  - **TNSP MCs:** none approved, 4 applications received; 3 outstanding, awaiting support documentation from all others (AEMO proactively pursuing)
  - **Generator MCs:** all have been contacted by AEMO
  - **ENMs:** 1 complete, ~ 19 applications received, 5 in progress/under assessment, awaiting supporting documentation from all others
  - **B2B Accreditations:** 20 completed, B2B accreditations window remains open

AEMO PROGRAM UPDATE

Readiness (cont):

- Market Strategy V2.0 released 20 October 2017
- Transition and Cutover:
  - The next ITCFG is scheduled for Friday 27 October
  - The planned 'dress rehearsal' for system cut-over is scheduled for 15 - 17 November
- Industry Testing:
  - Cycle 1 - 21 August to 8 September (completed)
  - Cycle 2 - 18 September to 6 October (completed)
  - Cycle 3 - 16 October to 3 November (underway)

Testing update - verbal

Summary:

- Project status remains amber in October 2017:
  - Status of "**at risk**" of achieving project deliverables on schedule.
  - Progress increased from 50% to approximately **70%**
  - Risk rating remains at "**Medium**".
- Participant categories:
  - Retailer and Distributors mainly reporting green ("within schedule") or amber ("at risk") with a medium or high risk rating.
  - Meter Providers, Meter Data Providers and intending Metering Coordinators mainly reporting green or amber with a medium or low risk rating.
  - Intending Embedded Network Managers mainly reporting amber, with one reporting red due to uncertainty associated with ENM market design.
  - AEMO overall reporting green with a medium risk rating.

Highlighted risks:

- Amber progress status relates primarily to constrained timelines for delivery and the dependency on other participants' readiness.
- Issue contributing to the Medium risk rating include:
  - Number and complexity of commercial arrangements to be updated and number of registered MCs.
    - ➢ The staged approach to transition has been included in the Industry Transition and Cutover Plan
    - ➢ AEMO is engaging with all intending MCs to facilitate registration activities
  - Concerns regarding other participants' readiness and lack of participation in industry testing.
    - ➢ 36 organisations participated in Market Cycle 2, and an additional 5 retailers will participate in Market Trial Cycle 3 (commencing 16/10)
  - Lack of alignment across industry processes.
    - ➢ Participants are actively engaging with each other to discuss and align B2B processes.
    - ➢ Processes and issues (including meter locks, meter churn, fault management) are being discussed and progressed through the PCF
  - Lack of clarity on jurisdictional safety regulations ongoing in NSW
    - ➢ Participants are actively engaging with jurisdictional safety regulators.

Number of submissions:

⬆ 50 reports received in total representing the following participant roles (increased from 49 in September):

⬇ 22 retailers (decreased from 23)

↔ 13 distribution businesses (includes initial MC, MP and MDP)

↔ 10 metering companies (MPD, MP)

⬆ 11 intending metering coordinators (MC) (increased from 10)

⬆ 11 intending embedded network manager (ENM) (increased from 9)

↔ Approximately 13 retailers have not yet taken part in industry reporting

Notes:

1) Organisations can nominate for multiple roles and participants can submit combined reports (i.e. one report for two distribution businesses)

2) Participation in readiness reporting is voluntary, and reporting reflects each participant's self-assessment of their own readiness in respect of the roles they intend to undertake as at 1 December 2017.

POWER OF CHOICE
RISK / ISSUE LOG UPDATES

RISK & ISSUE UPDATE

Refer to attachments PoC Industry Register - Master & B2B Working Group Teleconference 20 October

I06: Multi-occupancy

- further discussion and scenario planning for multi occupancy by an industry group post 1 December to determine solution(s)
- B2B is likely to be a suitable mechanism for supporting multi-lateral communications and coordination activities

I07: Locked meters

- The issue needs to be referred to ENA to understand the barriers (legal or otherwise) associated with making master keys more widely available.
- Retailers and MCs through their relevant industry bodies could agree to a new Industry Meter lock scheme
  - for all new locks installed and incorporating where possible current utility locks that DBs agree to make keys available for.
- Further discussion and scenario planning for multi occupancy by an industry group post 1 December to determine solution(s)
- B2B is likely to be a suitable mechanism for sharing access information, such as via the Site Access Notification.

POWER OF CHOICE
OTHER BUSINESS

OTHER BUSINESS

Commonwealth / Jurisdictional Safety Regs

- Next Metering Safety Forum scheduled for Wednesday 18th October
- Agenda includes:
  - Remote re-en & de-en – Proposal
  - Proposal from CMIG in relation to an Industry Code - Proposal
  - Tenancy Laws – Discussion
  - NSW ASP scheme changes – NSW discuss amendments
  - Meter access arrangements – Jurisdictional update

AEMO will circulate meeting notes when available.

NSW Preparation for Competition in Metering

- Consultation period closes Wednesday 25 October

OTHER BUSINESS

Expiring Exemptions

- Newly appointed MCs must ensure that the metering installation they are appointed to is compliant
- AEMO recommends that prior to MC appointment on 1/12/17:
  - Retailers seek full disclosure of metering installation compliance status from RPs
    - For type 1 -4 metering installations, per metering installation
    - For type 5 and 6 metering installations retailers obtain details of current metering installation malfunction exemptions (to confirm any family failures under a current or pending replacement program)
  - MCs seek full disclosure of metering installation compliance status from retailers, including:
    - Family failure replacements requiring a new rectification plan (and potential exemption) from 1/12/17
    - Device certification expiry dates and previous test method for meters and instrument transformers

- Note that type 5 and 6 in VIC continue to be managed by the DNSP, as a result of the recently published VIC order in council, in the form of their newly registered MC

OTHER BUSINESS

Expiring Exemptions

- AEMO recommend the following:
- Retailer RP holds expiring exemption:

1. Retailer/RP identifies MC to be appointed on 1/12/17.
2. MC applicant receives confirmation of registration as NEM MC by AEMO.
3. Retailer/RP discloses information regarding any existing exemptions with the MC
4. MC identifies the list of NMIs where it will be applying for a new exemption to AEMO, prior to 1/12/17
5. MC applies for a new exemption for each NMI:
   a. Prior to 1/12/17 where possible, with a requested commencement date of 1/12/17; or
   b. In accordance with the NER 7.8.10 requirements for management of a metering installation malfunction.

OTHER BUSINESS

Expiring Exemptions

- AEMO recommend the following:
- DNSP/RP holds expiring exemption (e.g. as they are undertaking a failed family replacement program)

1. Current retailer provides DNSP/RP with identity of proposed MC.
2. DNSP/RP with existing exemption that is scheduled to expire on or after 1/12/17 advises current retailer of NMI(s) involved with each of these exemptions.
3. MC applicant receives confirmation of registration as NEM MC by AEMO.
4. DNSP/RP discloses information regarding any existing exemptions with the MC who the retailer plans to appoint 1/12/17
5. MC identifies the list of NMIs where it will be applying for a new exemption to AEMO, prior to 1/12/17
6. MC applies for a new exemption for each NMI:
   a. Prior to 1/12/17 where possible, with a requested commencement date of 1/12/17; or
   b. In accordance with the NER 7.8.10 requirements for management of a metering installation malfunction.

OTHER BUSINESS

Availability of Pre-Production for bi-lateral testing

- AEMO draft plan – to be confirmed by 27 October:

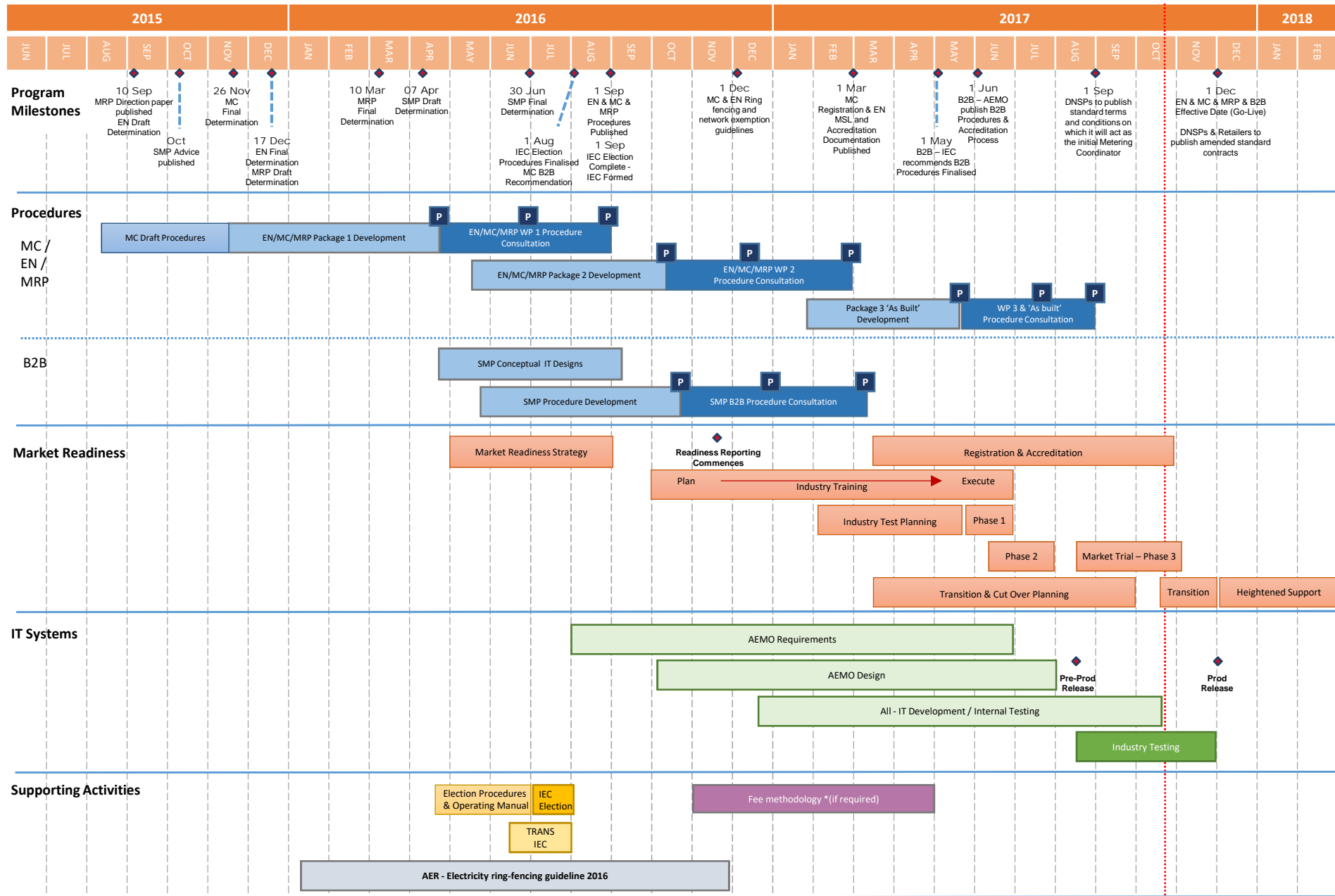| SMP/MSATS Pre-prod availability			
Date	Outage Start	Outage End	Description
9th Oct to 13th Oct	-	-	AEMO performance and load testing - may cause intermittent outages or delays
12th Oct	10am	3pm	MSATS maintenance
12th Oct	5pm	7pm	Defect release for Market trials - Cycle 3
19th Oct	5pm	7pm	Place holder for defect release
26th Oct	5pm	7pm	Place holder for defect release
16th Oct to 3rd Nov	-	-	Market trials - Cycle 3
6th Nov to 10th Nov	-	-	AEMO performance and load testing - may cause intermittent outages or delays
9th Nov	5pm	7pm	Place holder for defect release
13th Nov to 17th Nov	TBC	TBC	Times to be confirmed - Likely Dress Rehearsal with Batch Handler outages
16th Nov	5pm	7pm	Place holder for final pre-prod release

As at 24 October – no change

POWER OF CHOICE
PROGRAM SCHEDULE

Power of Choice (PoC) Program Overview

High Level Program V6.8 – 24 Oct 2017

AEMO
Australian Energy Market Operator

Today

	2015	2016	2017	2018

JUN JUL AUG SEP OCT NOV DEC | JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC | JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC | JAN FEB

Program Milestones

10 Sep MRP Direction paper published EN Draft Determination

Oct SMP Advice published

26 Nov MC Final Determination

17 Dec EN Final Determination MRP Draft Determination

10 Mar MRP Final Determination

07 Apr SMP Draft Determination

30 Jun SMP Final Determination

1 Aug IEC Election Procedures Finalised MC B2B Recommendation

1 Sep EN & MC & MRP Procedures Published

1 Sep IEC Election Complete - IEC Formed

1 Dec MC & EN Ring fencing and network exemption guidelines

1 Mar MC Registration & EN MSL and Accreditation Documentation Published

1 May B2B – IEC recommends B2B Procedures Finalised

1 Jun B2B – AEMO publish B2B Procedures & Accreditation Process

1 Sep DNSPs to publish standard terms and conditions on which it will act as the initial Metering Coordinator

1 Dec EN & MC & MRP & B2B Effective Date (Go-Live)

DNSPs & Retailers to publish amended standard contracts

Procedures

MC / EN / MRP

- MC Draft Procedures
- EN/MC/MRP Package 1 Development
- EN/MC/MRP WP 1 Procedure Consultation (P)
- EN/MC/MRP Package 2 Development
- EN/MC/MRP WP 2 Procedure Consultation (P)
- Package 3 'As Built' Development
- WP 3 & 'As built' Procedure Consultation (P)

B2B

- SMP Conceptual IT Designs
- SMP Procedure Development
- SMP B2B Procedure Consultation (P)

Market Readiness

- Market Readiness Strategy
- Readiness Reporting Commences
- Registration & Accreditation
- Plan — Industry Training → Execute
- Industry Test Planning
- Phase 1
- Phase 2
- Market Trial – Phase 3
- Transition & Cut Over Planning
- Transition
- Heightened Support

IT Systems

- AEMO Requirements
- AEMO Design
- Pre-Prod Release
- Prod Release
- All - IT Development / Internal Testing
- Industry Testing

Supporting Activities

- Election Procedures & Operating Manual
- IEC Election
- TRANS IEC
- Fee methodology *(if required)
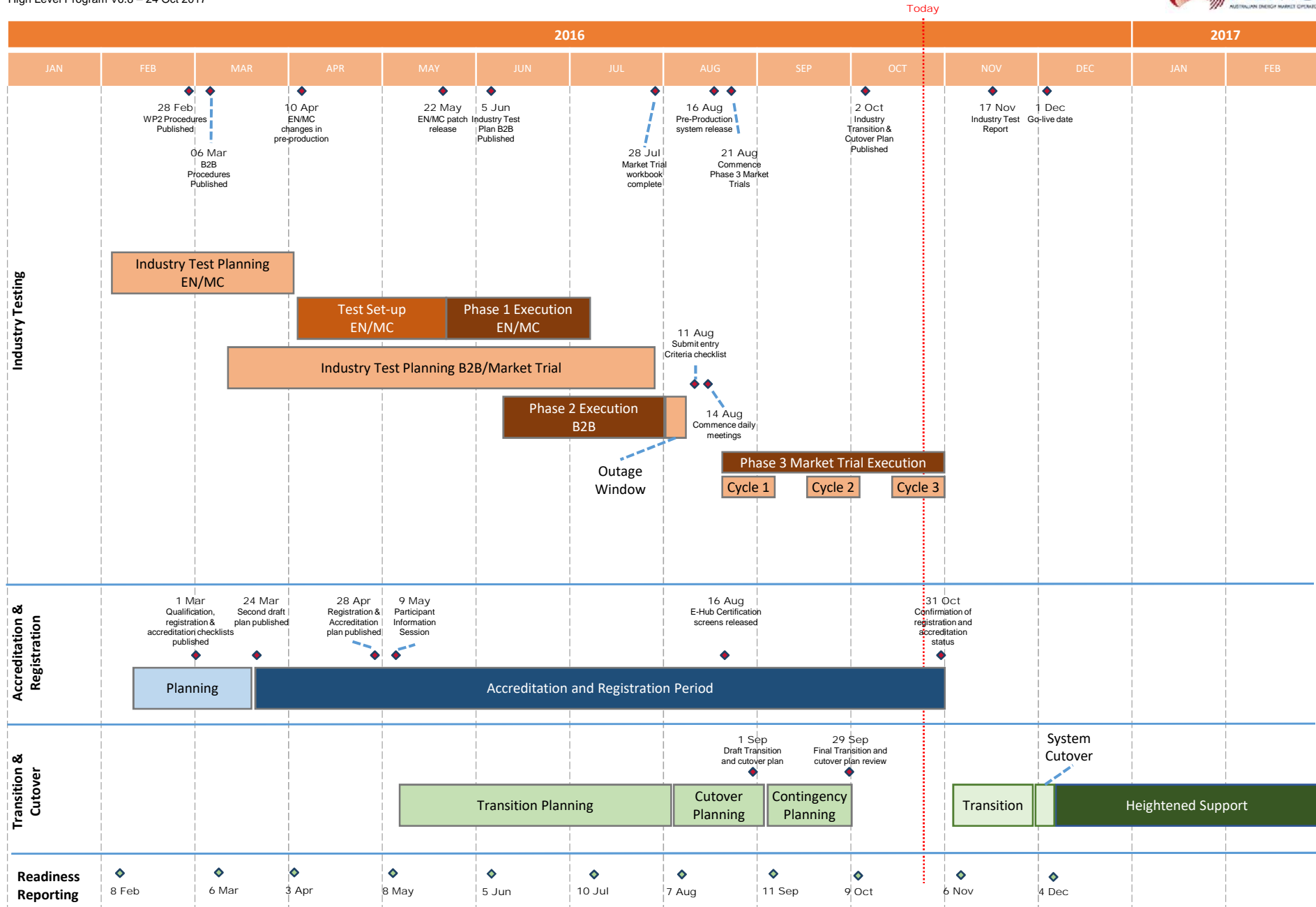- AER - Electricity ring-fencing guideline 2016

EN = Embedded Network, MRP = Meter Replacement Processes MC = Metering Competition, SMP = Shared Market Protocols

(P) Publish

◆ Milestone
◆ Working group meeting
◆ Proposed IEC Meetings (Trans & New)

For detailed meeting schedule and agendas, see the 2016 industry meeting schedule.

Power of Choice (PoC) Program Overview – Readiness Work Stream

High Level Program V6.8 – 24 Oct 2017

AEMO
Australian Energy Market Operator

Today

2016	2017

| JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB |

Industry Testing

28 Feb WP2 Procedures Published

06 Mar B2B Procedures Published

10 Apr EN/MC changes in pre-production

22 May EN/MC patch release

5 Jun Industry Test Plan B2B Published

28 Jul Market Trial workbook complete

16 Aug Pre-Production system release

21 Aug Commence Phase 3 Market Trials

2 Oct Industry Transition & Cutover Plan Published

17 Nov Industry Test Report

1 Dec Go-live date

Industry Test Planning EN/MC

Test Set-up EN/MC

Phase 1 Execution EN/MC

Industry Test Planning B2B/Market Trial

Phase 2 Execution B2B

11 Aug Submit entry Criteria checklist

14 Aug Commence daily meetings

Outage Window

Phase 3 Market Trial Execution

Cycle 1

Cycle 2

Cycle 3

Accreditation & Registration

1 Mar Qualification, registration & accreditation checklists published

24 Mar Second draft plan published

28 Apr Registration & Accreditation plan published

9 May Participant Information Session

16 Aug E-Hub Certification screens released

31 Oct Confirmation of registration and accreditation status

Planning

Accreditation and Registration Period

Transition & Cutover

1 Sep Draft Transition and cutover plan

29 Sep Final Transition and cutover plan review

System Cutover

Transition Planning

Cutover Planning

Contingency Planning

Transition

Heightened Support

Readiness Reporting

8 Feb

6 Mar

3 Apr

8 May

5 Jun

10 Jul

7 Aug

11 Sep

9 Oct

6 Nov

4 Dec

POWER OF CHOICE MILESTONES

AEMO

Deliverable / Milestone	Project / Stream	Description	Planned date	Expected date	Status
Phase 1 Test Execution Complete	Industry Testing		30 Jun 17		✓
Phase 3 Market Trial Workbook Published	Industry Testing		28 Jul 17		✓
Phase 2 Test Execution Complete	Industry Testing		28 Jul 17		✓
Transition planning workshops conclude	Trans & Cut Over		08 Aug 17		✓
Market Trial daily meetings commence	Industry Testing		14 Aug 17		✓
AEMO releases updates systems into pre-production	Systems		16 Aug 17		✓
E-Hub Certification screens released	Readiness		21 Aug 17		✓
Phase 3 Market Trial cycle 1 commences	Industry Testing		21 Aug 17		✓
Transition and cutover plan draft released	Trans & Cut Over		01 Sep 17		✓
DNSPs publish T&C's on which it will act as the initial MC	DNSPs		01 Sep 17		✓
Phase 3 Market Trial cycle 1 concludes	Industry Testing		08 Sep 17		✓
Phase 3 Market Trial cycle 2 commences	Industry Testing		18 Sep 17		✓
Transition and cutover plan published	Trans & Cut Over		02 Oct 17		✓
Phase 3 Market Trial cycle 2 concludes	Industry Testing		06 Oct 17		✓
Phase 3 Market Trial cycle 3 commences	Industry Testing		16 Oct 17		✓
Registration & accreditation confirmation status	Readiness		31 Oct 17		◉
Phase 3 Market Trial cycle 3 concludes	Industry Testing		~~03 Nov 17~~	04 Nov 17	◉
Transition activities commence	Trans & Cut Over	Per industry plan	~~13 Nov 17~~	01 Nov 17	◯
Phase 3 Market Trial Report released	Industry Testing		17 Nov 17		◯
PoC Effective date	All	Allowance for weekend system cutover	~~01 Dec 17~~	04 Dec 17	◯
Cutover Activities commence	Trans & Cut Over	COB Friday 1 Dec 17	01 Dec 17		◯
Cutover Activities conclude	Trans & Cut Over	OOB Monday 4 Dec 17	04 Dec 17		◯
Transition activities concludes	Trans & Cut Over		08 Dec		◯
Heightened Support Period	All		~~02 Mar 18~~	30 Mar 18	◯

POC - PROGRAM OVERVIEW
VERSION HISTORY

This table summarises the changes between the Program Overview as information changes or becomes available.

Version	Date	Amendments
4.4	10 Oct 16	• Updated terminology – added '6 month outlook' for Procedure development / consultation processes • Updated key dates in relation to AEMO WP2 Procedures and B2B Procedure development / consultation • Included key dates identified in Readiness strategy
4.5	17 Nov 16	• Amended dates for Fee Methodology consultation • Updated B2B Procedure Consultation dates
4.6	16 Dec 16	• Updated Tracking
4.7	21 Dec 16	• Updated Industry Testing and Transition and cut-over activities to commence earlier. • Removed achieved milestones (Sep 15 – Nov 16)
4.8	25 Jan 17	• Updated Fee Methodology timetable in accordance with AEMO consultation
4.9	16 Feb 17	• Removed version control updates prior to 3.5 • Removed Industry meeting dates from Program overview (refer to the industry calendar publishes on www.aemo.com.au) • Included a draft Readiness overview slide
5.0	21 Mar 17	• Removed Procedures Work stream outlook. • Updated 'As Built' package timeframes
5.1	6 Apr 17	• Updated Readiness Work Stream overview following RWG and ITWG (Apr 2017)
5.2	19 Apr 17	• Removed Industry Test Box and extended Market Trial Box
6.0	19 May 17	• Updated Tracking
6.1	26 May 17	• Updated Tracking
6.2	18 Jul 17	• Updates Tracking • Update WP 3 / As Built consultation dates amended • Updated Readiness work stream program overview
6.3	14 Aug 17	• Updated Tracking
6.4	24 Aug 17	• Updated Tracking
6.5	8 Sep 17	• Updated Tracking – Included Contingency planning activity
6.6	28 Sep 17	• Updated Tracking
6.7	13 Oct 17	• Updated Tracking
6.8	24 Oct 17	• Updated tracking – Included amended dates according to Industry Transition and Cut-over plan

Risk Register Review

See attached Risk Register

FORWARD MEETING PLAN

Facilities:

- Melbourne, Sydney, Brisbane, Adelaide offices
- Video conference
- Webinar (when required)

POC-PCF meeting dates	Dates
POC-PCF Meeting #13a	13-Oct-17
POC-PCF Meeting #14	26-Oct-17
POC-PCF Meeting #14a	08-Nov-17
POC-PCF Meeting #15	23-Nov-17
POC-PCF Meeting #15a	08-Dec-17
POC-PCF Meeting #16	14-Dec-17

B2B Working Group Teleconference 20 October

The B2B working Group was asked to assess a couple of items by the Power of Choice Program consultative Forum.

The first issue raised was:

1.	No defined process for Multi Occupancy scenario

This was broken down into 2 sub issues:

    A. Retailer process for resolving the need change a meter at a Multi Occupancy site.
    B. Family Failure of meters at a Multi Occupancy site

    A. The B2B WG discussed this and noted that the B2B procedures already allow for this situation to be resolved. The following generic process was agreed, however this still relies on the Retailer identifying the site as multi occupancy before send service orders. Where available, each DB will provide the timings in their DB/Retailer Handbooks.
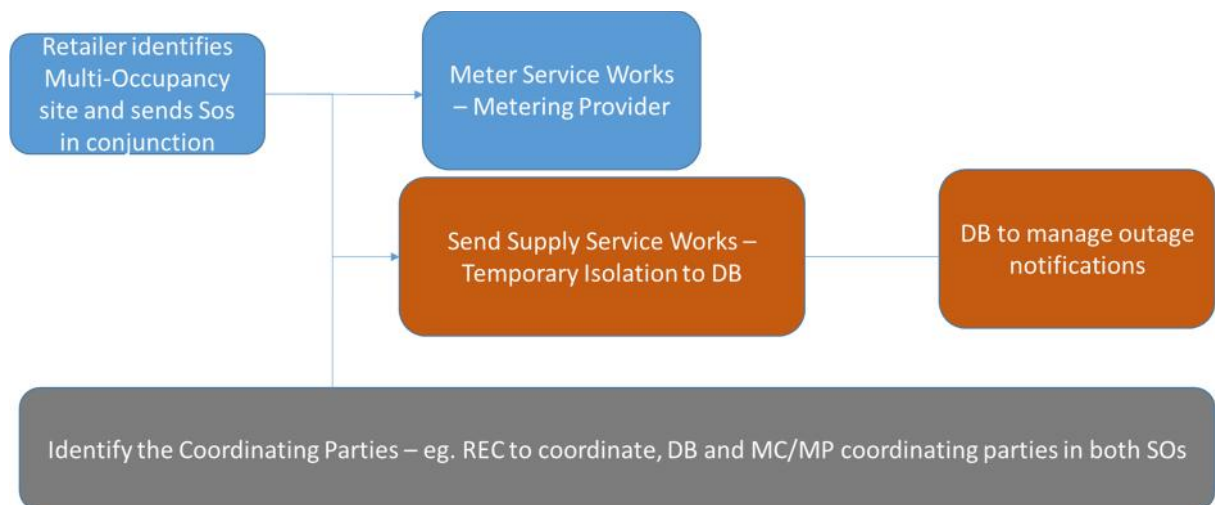
This diagram can be added to the B2B guide in section 6.1.5 for Industry reference.

    B. Retailers raised concerns that if a Family failure of meters at a multi occupancy site the current process leads to a situation where customers are taken off supply every time a Retailer send its MP to change a meter. This is a poor customer experience and inefficient process.
The Meter Fault Notification has a Notes field where DBs can send a "Group Metering" notification if they know that the site is a group metering/multi occupancy site. However, this information is not currently held in DB systems and Retailers can probably just as easily identify the potential group metering site from the address details of the customer.

The B2B Working Group identified that this was a problem and felt that given the complexity of the scenario discussed a simple solution was not readily apparent. The group felt that further discussion and scenario planning around multi occupancy should be done by an industry group post 1 December to determine a set of solutions.

The B2B Working Group consider that when an industry-wide solution is determined, B2B is likely to be a suitable mechanism for supporting multi-lateral communications and coordination activities, via transaction such as One Way Notifications.

2.	No defined process for Locked Meters

There was a lengthy discussion regarding site access to meters behind locks.

A number of points were made:

) The locks placed on meter boxes etc are customer locks. Some of these are utility locks , and while customers should always have keys to access, they frequently do not.
) DBs Master keys are only shared with authorised personnel, such as DNSP technicians, meter readers and third party electrical contractors, as the master keys can access other DB sites and assets not just customer meter installations.
) Retailers will need to work with customers to determine access arrangements to ensure safe and clear access – this may necessitate locks being broken.
) Breaking locks is a viable short term-solution, however as both DNSPs and MPs require access, long term, to the metering installation, a process of intentionally destroying locking infrastructure is inefficient, and likely to be costly to the consumer.

) Some B2BWG members noted retailer terms & conditions state customer must provide clear and safe access to the meter, some retailer's agreed that due to the complexity of the DB agreements that key sharing may not be a solution- complex issue managed between the retailer and the customer, that ultimately is in the customer's best interest to ensure provided.
) customer experience, education and information are required, to ensure the customer understands the market changes (PoC) and need to transition between existing access arrangements with their DB moving to a need for a future access arrangement with the MC (possibly through their own commercials and or industry rule change).

The B2B WG recommendation is the following:

) The issue of access to current Industry/Utility lock master keys by market registered participants (MCs/MPs) needs to be referred to ENA to understand the barriers (legal or otherwise) associated with making these master keys more widely available.
) Retailers and MCs through their relevant industry bodies could agree to a new Industry Meter lock scheme – for all new locks installed and incorporating where possible current utility locks that DBs agree to make keys available for.

Again the B2B Working Group identified that this was a problem and felt that a simple solution was again not readily apparent. The group felt that further discussion and scenario planning around utility or metering locks should be done by an industry group post 1 December to determine a solution.

Again, when an industry wide solution is determined, B2B is likely to be a suitable mechanism for sharing access information, such as via the Site Access Notification.

A Procedure error identified in the Market Trial testing was then discussed:

The Notified Party Transaction currently has the ServiceOrderSubType field marked as mandatory, however the Service Order Procedure notes that the ServiceOrderSubType is not required for the Miscellaneous, Special Read and Cancel Service Order.

The B2B Working Group agreed that the ServiceOrderSubType field should be made optional in the Notified Party notification. However, as the IEC has just approved the B2B Errata for publication this change will need to be made at a future data to be determined. The B2B WG made comment that the issue was not one likely to affect a high volume of transactions.

Mark then raised the issue of the AEMC Life Support rule change and the need for the IEC to write a submission to the Draft consultation (closing Nov 8) regarding the planned effective date of the change and the time required for changes to B2B procedures.

Mark will write a letter outlining these concerns and the B2B WG will review. Once reviewed the B2B WG will send on to the IEC to amend and approve to include as a formal submission to the AEMC rule change consultation.

Please Note: the planned B2B Working Group meeting of 31 October has been cancelled. The next B2B Working Group is set for Wednesday 29 November.

FACTSHEET

WHAT IS THE POWER OF CHOICE IMPLEMENTATION PROGRAM?

Power of Choice (PoC) is a package of National Electricity Market (**NEM**) reforms that are designed to give consumers more options and control of the way they use and manage their electricity expenditure.

These reforms were initiated following the 2012 Australian Energy Market Commission (AEMC) PoC Review. Since then the AEMC has made several interrelated rule change amendments, including:

-) Expanding competition in metering and related services (final determination published 26 November 2015).
-) Embedded networks (final determination published 17 December 2016).
-) Meter replacement processes (final determination published 10 March 2016).
-) Updating the Electricity B2B Framework (final determination published 30 June 2016).

These rule changes are effective from 1 December 2017.

WHAT'S AEMO'S ROLE UNDER POWER OF CHOICE?

AEMO was tasked with leading the PoC implementation. This includes updating and developing NEM procedures, system changes, and facilitating a coordinated industry transition to the new market arrangements by 1 December 2017.

In 2015 AEMO established its Power of Choice Implementation Program and developed a work plan that details the key activities to be undertaken with industry. This includes major tasks, deliverables and timeframes required to support an effective transition to the new market arrangements.

AEMO's Power of Choice Implementation Program has been structured into the following workstreams:

-) AEMO Procedures Development workstream – to define the required changes to electricity retail market procedures.
-) Business-to-Business (B2B) Procedural Development workstream – to facilitate the required changes and updates to the B2B Procedures, on behalf of the Information and Exchange Committee (IEC).
-) Systems Development workstream – to design, develop, implement and test changes to AEMO's retail market systems.
-) Market Readiness workstream – to coordinate, assist and prepare industry and AEMO for the start of the revised arrangements, and to monitor and report on preparation efforts.

AEMO has established a PoC Program Consultative Forum (PoC-PCF) to coordinate the program and facilitate discussions with industry participants about risks, issues and broader implementation matters. In addition to the PoC-PCF, each workstream has a dedicated working group for industry engagement and developing key workstream deliverables.

WHO SHOULD PARTICIPATE IN THE POWER OF CHOICE IMPLEMENTATION PRGRAM?

While participation is not mandatory, AEMO has encouraged all NEM participants and affected parties to participate in the PoC Implementation Program.

In particular, all retailers, distributors, metering service providers, market generators and exempt embedded network service providers have been strongly encouraged to participate in the program to gain a detailed understanding of how the PoC reforms will affect their respective organisations.

WHERE CAN I FIND MORE INFORMATION?

More information on AEMO's Power of Choice Implementation Program is available on our website.

For any further enquiries, please contact AEMO's Information and Support Hub via supporthub@aemo.com.au or call 1300 236 600.

WHAT IS A METERING COORDINATOR?

The Metering Coordinator role is a newly created role under AEMO's Power of Choice Implementation Program.

The Metering Coordinator is a registered participant role within the National Electricity Market (NEM), with the overall responsibility for metering services at a customer's connection point within a distribution or transmission system.

The role was established to encourage metering competition in the NEM by creating a party who is independent from Retailers and Distributors.

There are three categories of registration for Metering Coordinators:

) Metering Coordinator – this is a contestable party who engages service providers to perform metering functions in the NEM.

) Initial Metering Coordinator – this is the distribution company for their local area for all of the existing type 5 meters (manually read interval) and type six meters (basic).

) Metering Coordinator (Type 7 – contestable unmetered supply) - this is the distribution company for their local area but the rules do not allow this type of metering to fall under the Initial Metering Coordinator registration.

WHAT ARE THE RESPONSIBILITIES OF A METERING COORDINATOR?

The responsibilities are the same for all Metering Coordinator categories. They include:

) The appointment of metering service providers (meter data providers and metering providers).

) The provision of metering services.

) Ensure metering installations are provided, installed and maintained in accordance with the National Electricity Rules (NER) and relevant procedures.

) Ensure components, accuracy and testing of the metering installations complies with the NER and procedures.

) Ensure security control of the metering installation.

) Ensure interfaces are installed and maintained where remote acquisition is used or will be used to facilitate connection to a telecommunications network.

) Ensure interval meters are not replaced with basic meters.

) Ensure metering data services are provided in accordance with the NER and procedures.

) Ensure access to the metering installation, the services provided and metering data held in the metering installation is only granted to persons entitled to access to that metering installation.

) Ensure disconnections and reconnections are only performed as per the NER and relevant procedures.

WHO NEEDS TO APPOINT A METERING COORDINATOR?

The Financially Responsible Market Participant (FRMP) (typically the retailers) is responsible for appointing a Metering Coordinator.

A large customer also has the ability to appoint their own Metering Coordinator.

The appointment of the Metering Coordinators needs to be effective from 1 December 2017 and should be processed as soon as possible after 1 December 2017.

In Victoria, the distribution companies will be the exclusive metering coordinators for small customers connected to their network.

WHO IS ELIGIBLE TO BE REGISTERED AS A METERING COORDINATOR?

Anybody can register as a Metering Coordinator with exceptions to market customers. Market customers can become Metering Coordinators if they meet the requirements of rule 2.4A.2 (b) of the NER (see below).

(1) a person who is only appointed, or is proposed to be only appointed, as *Metering Coordinator* in respect of one or more *connection points* or proposed *connection points* on a *transmission network*; or

(2) a *Generator* who is only appointed, or is proposed to be only appointed, as *Metering Coordinator* in respect of one or more *connection points* or proposed *connection points* that *connect* a *Generator's generating unit* to a *distribution network*.

HOW DO I APPLY TO BE REGISTERED AS A METERING COORDINATOR?

Complete the application form on AEMO's website and provide all of the relevant supporting documentation. Applications can be received at any time, however, your application must be received by 31 October 2017 to operate in the market by the 1 December 2017. One of the conditions for registration is that your application is completed and your supporting documentation meet AEMO's requirements.

WHERE CAN I FIND MORE INFORMATION?

See AEMO's website and supporting information on NEM Metering Coordinators.

Further information on NEM Metering Coordinators is available here.

Further information on the Power of Choice Implementation Project is available here.

Information on the Power of Choice rule changes is available on the AEMC's website.

For any further enquiries, please contact AEMO's Information and Support Hub via supporthub@aemo.com.au or call 1300 236 600.
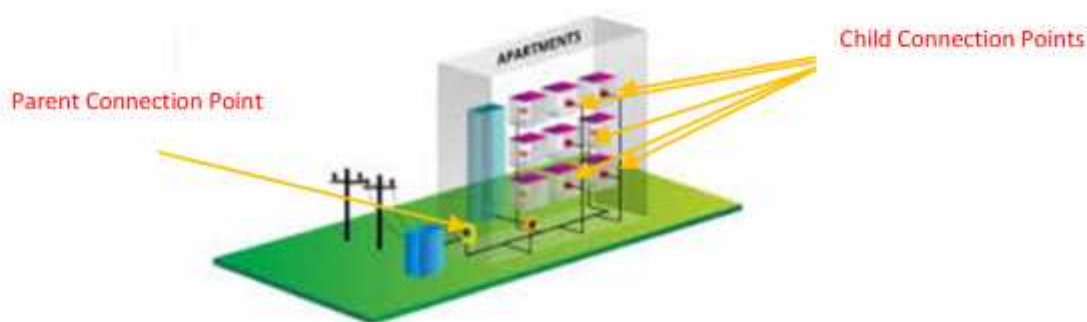
WHAT ARE EMBEDDED NETWORKS?

Embedded networks are private electricity networks that serve multiple premises and are located within, or connected to, a distribution or transmission system through a parent connection in the National Electricity Market (NEM). Examples typically include apartment blocks, retirement villages, caravan parks and shopping centres.

Electricity within an embedded network is supplied to end users by an Exempt Embedded Network Service Provider (EENSP), who must apply to the Australian Energy Regulator (AER) for an exemption as an exempt network operator.

Figure 1 shows an example of an embedded network within an apartment block, where the connection point between the end users and the distribution network becomes a parent connection point, and multiple end user connection points become child connection points, each with their own meters.

Figure 1   Embedded Network

Parent Connection Point

APARTMENTS

Child Connection Points

WHAT IS AN EMBEDDED NETWORK MANAGER?

The Embedded Network Manager (ENM) is a new accredited provider role created under the Australian Energy Market Commission's (AEMC) final rule determination for embedded networks and the 2012 AEMC Power of Choice Review. The final rule reduces barriers to embedded network customers choosing the products, services and provider of retail services that suit them best.

Click here for a link to the AEMC's final rule determination on embedded networks.

An ENM is not a Registered Participant under the National Electricity Rules. Instead it is an accredited service provider whose role is to perform the market interface functions for embedded network customers and to facilitate their access to electricity retail market offers.

Any person may apply to AEMO for accreditation as an ENM. They must successfully complete the qualification and accreditation process and meet the ongoing requirements specified in the ENM Service Level Procedure.

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WHAT ARE THE RESPONSIBLITIES OF AN EMBEDDED NETWORK MANAGER?

The responsibilities and obligations of an ENM are detailed in the ENM Service Level Procedure and the MSATS Procedures. These include, but are not limited to:

- Provide market interface services for child connection point end users, which are services that link end users to the NEM systems.
- Upon request from a retailer, apply to AEMO for National Metering Identifier (NMIs) for child connection points in the embedded network for which they are the ENM.
- Register Child NMIs in MSATS.
- Provide the Metering Coordinator, FRMP, and EENSP with the NMI of the child connection point.
- Establish and maintain the NMI Standing Data for its Child NMIs within MSATS.
- Allocate Embedded Network Codes for their Child NMIs in MSATS
- Act in the Role of LNSP in MSATS for its child connection points.
- Maintain and manage relevant embedded network wiring information and meter arrangements.
- Assigning Distribution Loss Factors (DLF) to each child connection point in MSATS.
- Provide AEMO with a list of all DLFs for all their child connection points indicating which ones were calculated by the EENSP.
- Maintain a register of all allocated Child NMIs.

WHO NEEDS TO APPOINT AN EMBEDDED NETWORK MANAGER?

From 1 December 2017, EENSPs who own, operate or control an embedded network in the NEM will require an ENM. The Australian Energy Regulator's Network Exemption Guideline sets out the requirements for when an EENSP must appoint an ENM, with these varying in certain states, regions and territories, where embedded networks customers do not have the right to access a market retailer.

In other cases, EENSPs are permitted to delay the appointment of an ENM until a customer within the embedded network enters into a contract with a market retailer. This generally applies for small embedded networks (under 30 customers) and for certain classes of network exemption.

Click here for a link to the AER's website and an interactive tool to work out if your embedded network requires an ENM.

WHERE CAN I FIND MORE INFORMATION?

See AEMO's website for the Service Level Procedure for ENM's and Guide to Embedded Networks.

See AER's website and information on embedded networks to exempt embedded network service providers.

For any further enquiries, please contact AEMO's Information and Support Hub via supporthub@aemo.com.au or call 1300 236 600.

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WHAT IS ACCREDITATION AND REGISTRATION?

Accreditation

Accreditation is the qualification process through which AEMO and Registered Participants gain assurance that Service Providers wishing to operate in the NEM have the ability through adequate systems and procedures to comply with their obligations.

Participants required to be accredited are:

- Metering Data Providers (MDP).
- Metering Providers (MP).
- Embedded Network Managers (ENM).

When these participants have received their accreditation they also become a Registered Participant.

Registration

Registration is the application and process required to become a Registered Participant in the NEM. Registration applications require various supporting documentation to demonstrate the organisation meets all applicable obligations, requirements and standards.

Registration categories are:

- Metering Coordinator
- Generator
- Small generation aggregator
- Customer
- Network service provider
- Trader
- Reallocator
- Special Participant
- Intending Participant.

WHO NEEDS TO BE ACCREDITED OR REGISTERED UNDER POWER OF CHOICE?

Appointment of a Metering Coordinator

Retailers are responsible for appointing the Metering Coordinator, except where another party has appointed its own Metering Coordinator. Large customers (non-market and exempt) and generators can appoint their own Metering Coordinator at distribution connection points.

Appointment of Accredited MPs and MDPs

Metering coordinators are responsible for appointing accredited service providers.

WHO IS ELIGIBLE AND NEEDS TO BE ACCREDITED OR REGISTERED UNDER POWER OF CHOICE?

Any person can become a Metering Coordinator subject to meeting all registration requirements.

Any person can become an accredited service provider subject to achieving accreditation.

In order to become accredited and/or registered before 1 December 2017, AEMO requires a complete and accurate application along with all supporting documentation (that satisfy AEMO's requirements) before 31 October 2017.

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HOW DO I APPLY TO BE REGISTERED AS A METERING COORDINATOR OR AN ACCREDITED SERVICE PROVIDER?

Metering Coordinator

Application form and Meter Coordinator Registration Guide are located on AEMO's website.

Accredited Service Provider

Application form, qualification procedure and checklists are located on AEMO's website.

WHERE CAN I FIND MORE INFORMATION?

See AEMO's website and supporting information on Metering Coordinators and further information on the Power of Choice Implementation Project.

See the AEMC's webpage for information on the Power of Choice rule changes.

For any further enquiries, please contact AEMO's Information and Support Hub via supporthub@aemo.com.au or call 1300 236 600.

FACTSHEET

WHAT IS THE B2B e-HUB?

The B2B e-Hub is an electronic information exchange platform that is provided, operated and maintained by AEMO to facilitate B2B Communications. It was established to enable participants to transact with each other quicker than the current FTP protocol if required.

WHO IS ELIGIBLE OR NEEDS TO BE ACCREDITED TO USE THE B2B e-HUB?

All new and existing participants using the B2B e-Hub must be accredited accordingly.

All B2B e-Hub accreditations must be completed before 1 December 2017 to comply with the National Electricity Rules.

WHAT ARE THE SYSTEMS AND TESTING REQUIREMENTS FOR EACH CATEGORY OF B2B e-HUB ACCREDITATION?

The four different requirements for self-accreditation are as follows:

1. Existing and new participants using the B2B e-hub via API:
   - Both stages of the testing need to be performed.
     - o Stage 1 is the connectivity testing to ensure the participant can connect to the B2B e-Hub.
     - o Stage 2 is the transaction testing to ensure participants can raise and send schema valid transactions.
2. New participants using the B2B e-hub via FTP:
   - Both stages of the testing need to be performed.
     - o Stage 1 is the connectivity testing to ensure the participant can connect to the B2B e-Hub.
     - o Stage 2 is the transaction testing to ensure participants can raise and send schema valid transactions.
3. Existing participants using the B2B e-hub via FTP:
   - Only stage 2 is required as participants have already proved connectivity.
     - o Stage 2 is the transaction testing to ensure participants can raise and send schema valid transactions.
4. Existing and new participants using the B2B e-hub via browser:
   - Completed application form only required as the browser is already schema compliant.

HOW IS AEMO COORDINATING ALL B2B e-HUB ACCREDITATIONS UNDER POWER OF CHOICE?

All accreditation applications as being processed as per the B2B E-Hub Participant Accreditation and Revocation Process located on AEMO's website.

HOW DO I APPLY TO BE ACCREDITED TO USE THE B2B e-HUB?

Refer to the B2B e-Hub Participant Accreditation and Revocation Process and complete the application form. Click here for a link. Once your application has been approved, complete the self-accreditation tasks required using the self-accreditation screens in MSATS.

Refer to Guide to B2B e-Hub Self Accreditation Document on AEMO's website.

WHERE CAN I FIND MORE INFORMATION?

See AEMO's website for further information on the Power of Choice Implementation Project.

For any further enquiries, please contact AEMO's Information and Support Hub via supporthub@aemo.com.au or call 1300 236 600.