

AGENDA

MEETING: Control Room Operations Working Group (CROWG) Operations Training Working Group (OTWG)

DATE: Wednesday, 29 April 2020

TIME: 10.00am – 12.00pm

LOCATION: Webex Meeting

**TELECONFERENCE
DETAILS:**

[JOIN WEBEX MEETING](#)

MEETING NUMBER (ACCESS CODE): 587 994 369 MEETING PASSWORD:
VJSPP373736 (85777373 FROM PHONES)

JOIN FROM A VIDEO SYSTEM OR APPLICATION

DIAL 587994369@AEMO.WEBEX.COM

YOU CAN ALSO DIAL 210.4.202.4 AND ENTER YOUR MEETING NUMBER.

JOIN BY PHONE

TAP TO CALL IN FROM A MOBILE DEVICE (ATTENDEES ONLY)

[1-800-468-102](tel:1-800-468-102) AUSTRALIA TOLL FREE

[+61-2-9037-0069](tel:+61-2-9037-0069) AUSTRALIA TOLL

ATTENDEES:

Name	Company / Department
Mario Rositano	AEMO (Chair)
Darren Spoor	AEMO
Malcolm McNicol	AEMO
Mark Pollock	AEMO
Paul Elliott	AEMO
Bashar Derbas	AEMO
Raj Ippiliapiah	AEMO
Caroline Ferris	AEMO
Daniel Lavis	AEMO
Brenton Medlin	AGL
Garry Paterson	AGL
Grant Matherson	AGL
Alan Jenkinson	AGL Loy Yang
Paul McNamara	AGL Macquarie
Stephan Laucht	AGL Macquarie
Rob Krueger	APA
Christopher Migocki	Ausgrid
Joo Wee	Ausgrid
Joo Ean Prasad	Ausgrid
Phil Gay	Ausnet
Martin Cavanagh	Ausnet
Greg Dale	CS Energy
Ian Swift	CS Energy
M Greenaway	CS Energy

Anthony Ham	CS Energy
Simon Bolt	Delta Energy
Henry Rich	Delta Energy
Colin Taylor	ElectraNet
Doug Deans	ElectraNet
Duane Brooks	ElectraNet
Tim Gray	ElectraNet
Robert Armstrong	Endeavour Energy
Rod Joyce	Endeavour Energy
David Molla	Energy Australia
Gayle McAllister	Energy Australia
Craig Flanigan	Energy Australia (ECOGEN)
Brett Harrington	Energy Australia (ECOGEN)
David Gray	Energy QLD
Simon Ahrens	Engie
Edward Sellwood	Essential Energy
Matthew Turner	EVO Energy
Leylann Hinch	EVO Energy
Wahid Ibrahim	EVO Energy
Vedran Kovac	Hydro Tas
David Elkington	Loy Yang B
Robert Chapman	Origin Energy
Brett Wills	Origin Energy
Robert Chapman	Origin Energy
Chad Thompson	Origin Energy
Corney Matthew	Powerlink
Steve Saunders	Powerlink
Vernon Lee	Powerwater
Duncan Griffin	Powerwater
Ian Ferguson	Powerwater
Michael Edmonds	SA Power Networks
Ali Walsh	SA Power Networks
Michael Paine	Snowy Hydro
Brad Perry	Stanwell
Matthew Sands	Stanwell
Elizabeth Beavis	Stanwell
Colin Sharp	TasNetworks
Geoff Cook	TransGrid
Bradley Shipp	TransGrid

APOLOGIES:

Name	Company / Department
Lenard Bayne	AEMO
Nikki Barbi	Energy QLD
S Burge	Intergen

1. Welcome and Introduction

- 1.1. Purpose and objectives of today's CROWG meeting
- 1.2. Introduce new members (Generators)

2. Minutes/ Actions

- 2.1. Previous meeting minutes, etc.
- 2.2. Updates to actions register

3. Electricity Industry Terminology and Phraseology

- 3.1. Distributed draft document Standard Terminology Operating Protocol Annexure
- 3.2. AEMO training group and Ed Selwood to discuss this body of work.

4. Control Room Benchmarking

- 4.1. Doug Deans (ElectraNet) was researching Control Room Benchmarking.
- 4.2. Distributed a copy of the discussion paper on Operations Training & Challenges

5. Summer review

- 5.1. Go through members challenges and experiences for the summer from their perspective – what lessons were learned, review of events, was operational awareness maintained, communication effective, etc.
 - 5.1.1. Fires
 - 5.1.2. SA – VIC separation events
 - 5.1.3. A review of the events from 30th Dec where a TARTLO of 051 resulted in around 1000MW of generation being curtailed, and a VIC LOR2
 - 5.1.4. Reserves (LOR's)
 - 5.1.5. Weather events

6. COVID-19

- 6.1. Control room strategies – how are we to run the electricity system?
 - 6.1.1. Lower Demands
- 6.2. Training
 - 6.2.1. It's all online!
 - 6.2.2. Extend an offer for the TNSP's to spend time in the AEMO control rooms for familiarisation and training – once the current situation allows.

7. Communications

- 7.1. An audit of communications links between control centres - as an input to the 'communications WG' requested by NEMOC. NEMOC recently tasked the PSSWG with establishing a communications WG to propose alternatives to satellite phones for emergency operational communications. It is likely that the CROWG will be asked to assist with scoping the interconnection of TNSP OTN networks across regional boundaries.

8. Low demand periods

8.1. The challenges we are facing in the Control Room (Bashar Derbas)

8.1.1. Voltage control

8.1.2. System strength

9. Invitation to CROWG

9.1. To semi-scheduled wind and solar farms to participate in the CROWG.

10. Issuing of directions

10.1. When issuing a verbal direction, we no longer need to outline the liability part.

11. Other Business

11.1. Feedback

11.2. Use of Teams for next meeting.

12. Next Meeting...

Meeting Forward Plan

Date	Host	Location
Thursday, 30 th July 2020	TBA	TBA
Friday, 9 th October 2020	TBA	TBA