I would like to acknowledge that this meeting is being held on Aboriginal land.

I pay my respects to their Elders past, present and future.
Consultation close dates:
- Draft 2020 ISP: **21 February 2020**
- Non-network options for QNI medium/VNI west: **13 March 2020**

In addition, AEMO is currently consulting on *key inputs and assumptions* for use in its 2020 Forecasting publications, with submissions due **7 February 2020**.

---

**Our timeline**
• Provide an opportunity to ask questions and improve your understanding of the ISP process and outcomes
• Involve participants in the ISP process by requesting feedback and input to prioritisation of workscope for the Final 2020 ISP
Welcome
Alex Wonhas,
Chief System Design and Engineering Officer
• In case of emergency...

• Ground rules

• Our set up

• Photos

• Social Media

• Media
• Reviewing the roadmap
• Understanding the details
• What else...
Let’s get to know each other
At your table...

- Introduce yourself - name, company

then...

- What are you most excited about for the future?
Introducing...the ISP
• The ISP process | Nicola Falcon
• A dynamic roadmap | Craig Price
The ISP needs to be sufficiently flexible to accommodate multiple possible future worlds:

- Sensitivities:
  - No QRET
  - Delayed Snowy 2.0
  - Early closure of brown coal
  - Battery of the Nation
  - Early central west NSW generation development
  - Limited storage on mainland
  - Lower battery costs
with the recommended actionable ISP being one that delivers positive net market benefits while retaining flexibility.
...resulting in a dynamic roadmap that deals with uncertainty and takes a whole-of-system view
Core to this plan is integration of renewable generation as coal fired generation retires.
Prioritisation for final ISP

- Further validation of the plan through detailed hourly simulations
- Resilience to climate change – we will be including a chapter on this in the Final ISP
- Central West NSW REZ – other sensitivities with generation development in this zone
- Choice of route selection for VNI West
- In step change scenario, are we confident the system is operable in 2040?
- Cost increases on interconnectors or generators (capex generally)
- Projections of Marginal Loss Factors (MLFs)
At your table...

...you’ll find a copy of the roadmap

• In your group, read over the roadmap and discuss your questions

• Make sure you capture any questions or comments you might have on the sheet
Understanding the details
Our panel today

- Elijah Pack | Planning: Network and Non-network Options
- Andrew Turley | Decision Making and Least Worst Regrets
- Lars Narushevich | REZs and Renewable Integration
- Dane Winch | Energy Outlook: Forecasts, DER, Storage
We have 5 stations

- You have 20 minutes at each station
- You have an opportunity to ask your questions to our AEMO reps
- If you can’t ask your questions, capture them on post-its

Meet the modellers

Planning: Network and Non-Network Options
Decision Making and Least Worst Regrets
REZs and Renewable Integration
Energy Outlook: Forecasts, DER, Storage
Prioritisation
• Further validation of the plan through detailed hourly simulations
• Resilience to climate change – we will be including a chapter on this in the Final ISP
• Central West NSW REZ – other sensitivities with generation development in this zone
• Choice of route selection for VNI West
• In step change scenario, are we confident the system is operable in 2040?
• Cost increases on interconnectors or generators (capex generally)
• Projections of Marginal Loss Factors (MLFs)
What we heard
What else...
Back at your table...

Think about your discussion and questions from this morning.

- What have we answered?
- What still needs to be addressed?
- What haven’t we discussed that AEMO could look at over the next 3 months

What else...
To help us going forward...

We’d like to get your thoughts on today’s session

• Head here on your tablet or mobile device and leave us some feedback

Feedback
bit.ly/38KoPb5
Consultation close dates:
- Draft 2020 ISP: 21 February 2020
- Non-network options for QNI medium/VNI west: 13 March 2020

In addition, AEMO is currently consulting on key inputs and assumptions for use in its 2020 Forecasting publications, with submissions due 7 February 2020.

Feedback - bit.ly/38KoPb5

Next steps
Thank you!