

MINUTES – WA Gas Consultative Forum (WAGCF)

MEETING: 14
 DATE: Tuesday, 12 November 2019
 TIME: 1:00 pm to 2.01 pm AWST
 CONTACT: Wagasforum@aemo.com.au

ATTENDEES:

| NAME | COMPANY |
|----------------------|---|
| Martin Maticka | AEMO |
| Neetika Kapani | AEMO |
| Mark Katsikandarakis | AEMO |
| Greg Staib | AEMO |
| Sangita Bista | AEMO |
| Rebecca Petchey | AEMO |
| Joachim Tan | AEMO |
| Lisa Laurie | AEMO |
| Laura Tomkins | AEMO |
| Mark Riley | AGL |
| Nicholle Langer | Alinta |
| Richard Beverley | Alinta |
| Michael Puls | APA |
| Karan Sharma | APPEA |
| Scott Davis | Australian Energy Council |
| Amanda Wilson | BP |
| Joanne Khoo | BP |
| Dominic Rodwell | Citic Pacific Mining |
| Jia Wu | Citic Pacific Mining |
| Noelle Leonard | Department of Jobs, Tourism, Science and Innovation |
| Taron Brearley | Department of Jobs, Tourism, Science and Innovation |
| Benjamin Laidler | Department of Jobs, Tourism, Science and Innovation |
| David Mano | DomGas Alliance |
| Don Bower | Energy Access |
| Paul Hynch | Energy Policy WA |
| Adrian Hamra | Exxonmobil |
| Hariadi Budiman | Exxonmobil |
| Catherine Phillips | Exxonmobil |
| Stephen Del Monaco | Exxonmobil |
| Neil Humphries | Fortescue Metals Group Ltd |
| Lucy Crantock | Fortescue Metals Group Ltd |
| Allan McDougal | Gas Trading Australia |
| Paul Bresloff-Barry | Gas Trading Australia |
| Toby Devenish | Kleenheat |
| Jana Okane | Kleenheat |
| Jodie McDonnell | Kleenheat |
| Hans Niklasson | Kleenheat |
| Peter Kolf | KPK Specialist Advisory Services Pty Ltd |
| Ashley Chan | KUFPEC Australia Pty Ltd |
| Muhammad Sadiq | KUFPEC Australia Pty Ltd |
| Thomas Melsom | Melsom Consulting |

| | |
|------------------|--------------------------------|
| Chris McMullen | NOPTA |
| Donald Xie | North West Shelf Gas |
| Stephen Eliot | RCPWA |
| Leah Kisiel | Santos |
| Grant Shannon | Shell Australia |
| Shirley Qiu | Shell Australia |
| Tao-Liang Lee | Shell Energy Australia Pty Ltd |
| Carole Clare | Synergy |
| Jenny O'Donoghue | Synergy |
| Kyoichiro Baba | Tokyo Gas Australia |
| Damon Buckley | Western Gas |
| David Low | Wood Mackenzie |
| Daniel Toleman | Wood Mackenzie |
| Sam Clark | Woodside |
| Alexandra Willis | Woodside |

1. Welcome

Martin Maticka (AEMO) opened the meeting at 1:00 pm (AWST), welcomed attendees to the WA Gas Consultative Forum (WAGCF) no.14 and gave an Acknowledgement of Country.

Martin informed stakeholders the WAGCF for 2020 will be moved from a Tuesday to Wednesday, upcoming dates can be found on [AEMO's website](#). The minutes from the previous WAGCF (18 June 2019) were endorsed. AEMO to publish the minutes as final on the website (action item 1.1).

2. Outcome of Gas Map Survey (Action Item 7.1)

Martin Maticka presented the findings from the Gas Map Survey (Action item 7.1 from June WAGCF). AEMO sent out a survey to Gas Participants asking two questions:

Q1 - Would Market Participants be keen for AEMO to develop a Gas Map (for potential inclusion in the WA GSOO or a supplementary report)? This could capture information such as WA oil and gas fields and leases based on publicly available information such as reserves, resources, operational status, retention lease status, oil and liquids extraction volumes since commencement, remaining economical reserves, delineate fields/leases that are gas only and those that have liquids etc.

Response:

- 70% No
- 25% Yes
- 5% skipped the question

Q2 - AEMO estimates impact to GSI fees to be in the order of 10% pending on final scope of request. As this cost will be passed directly to Market Participants, do you consider this work would provide value to the market and if so what and how much?

Response:

- 75% No
- 25% Yes

No further questions were raised. As the survey has matched prior discussion, that is there is only limited industry support for this work to be undertaken by AEMO, AEMO is not planning to progress the inclusion of this material in future WA GSOO's. The item is now closed.

3. Gas Statement of Opportunities draft forecasts and key findings

Rebecca Petchey and Joachim Tan (AEMO) presented preliminary key findings and draft forecasts for the 2019 Western Australia (WA) Gas Statement of Opportunities (GSOO). AEMO projects sufficient potential gas supply to be available to meet domestic gas demand during the outlook period (2020 to 2029), although prospective supply sources are required to be developed to maintain supply adequacy. A small shortfall is forecast in 2023, which could be alleviated by existing production facilities or withdrawals from storage. The 2019 WA GSOO is scheduled for publication on 13 December 2019.

Hans Niklasson (Kleenheat) asked if the data used for this presentation could be made available, this question was taken on notice (Action item 3.1). The data used for this presentation can be found in the [Action items raised at meeting table](#).

4. LNG Trucking – resolution/forward steps

Martin Maticka (AEMO) provided a brief update on LNG Trucking, mentioning the following:

- The same presentation that was presented to the WAGCF in June was presented to the GAB (Gas Advisory Board).
- An action from GAB was for AEMO to assess how much it would be to implement the lowest impact change to the GSI to enable the capture of LNG Trucking

- From a systems point of view the required changes are quite straight forward in the order of approximately \$60,000. This figure is highly dependent on final drafting of any amendments. AEMO plans to give this back to the RCP to provide to the GAB after this meeting.
- Stephen Elliot (RCPWA) added that Woodside will also be providing some estimates to the GAB, the next proposed GAB meeting is April 2020.

5. Pre and post FIR analysis- Action item from the June WAGCF Survey

Sangita Bista (AEMO) responded to a question raised in the survey from the June WAGCF. The question was “How does the formal information request (FIR) AEMO collects from participants compare to material that is already publicly available?”. To Address this question AEMO looked at pre and post FIR. Some data is available publicly via WoodMac and Energy Request, but it’s not at the granular level collected by the FIR process. For example, if you take the status of reserve, AEMO collects detailed information including field ID reservoir, connected facilities and title holders. All information collected is confidential and is not released individually - it comes out as an aggregate. The information collected from the FIR process also supplies input to the supply and demand model for the GSOO. Pre-FIR AEMO had a supply model at Producer level, with the help of FIR data, now has been able to include data in to production facilities level as well. There will be a dedicated chapter on FIR in the GSOO to be released on 13 December.

6. Update on the WA Domestic Gas Policy

Taron Brearley (Department of Jobs, Tourism, Science and Innovation) provided an update on the WA Domestic Gas Policy, discussing the following points:

- The Three Pillars
 - Reservation
 - Infrastructure
 - Marketing
- Implementation of Domestic Gas Policy
- Evolution of Domestic Gas Policy Arrangements
- Implementation of the Policy and Gas Market outlook
- Emerging Domestic Gas Market Issues
- Government Priorities

Further information can be found on [WA Gas Policy website](#) or by contacting Taron directly at taron.brearley@jtsi.wa.gov.au

7. The year it’s been – 2019 highlights

Lisa Laurie and Rebecca Petchey (AEMO) gave a brief presentation on key GBB (WA) highlights from the year to date. The presentation covered registrations, new connections, system updates, amber linepack capacity adequacy, gas supply and demand, and gas transfers in/out of storage facilities. It was also noted that under section 82 of the GSI Rules, AEMO is required to review the GBB Zones List at least once every 5 years. AEMO will be commencing the next review in Q1 2020 and it will be carried out in consultation with Gas Market Participants and Gas Industry Groups. Rebecca added that AEMO will be moving its forecasting activities in-house, which will allow greater flexibility about assumptions and inputs, including formal information request data and better scenario control.

8. Other Business

No other business was raised

9. Next Meeting

Martin Maticka (AEMO) thanked stakeholders for their attendance and closed the meeting at 2.01 pm. The next meeting is scheduled for 11 March 2020.

Action items raised at meeting - WA Gas Stakeholder Consultation Forum

| Item | Topic | Action required | Responsible | By | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|-------------|-----------|-------|-------|-------|-------|-------|-------|------|------|------|-----------------------------|--|--|--|--|--|--|--|--|--|--|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|---|---|----|----|-----|-----|-----|-----|-----|-----|----------------------------|--|--|--|--|--|--|--|--|--|--|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------|---|----|----|----|----|----|----|----|----|----|----------------------|----|----|----|----|-----|-----|-----|-----|-----|-----|------|----------|
| 1.1 | Previous meeting minutes | AEMO to publish the minutes from the previous WAECF as final on the website. | AEMO | Completed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.1 | Industry Request for GSOO to develop and produce annually a Gas Map | AEMO to gauge industry interest in creating a WA Gas Map, by sending out a survey to Market Participants and presenting the findings at the September WAGCF. | AEMO | Complete | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1 | Hans Niklasson (Kleenheat) asked if the data used for this presentation would be made available | <p>AEMO to confirm if the data can be made publicly available.</p> <p>Response: AEMO has provided the data used in the Gas Statement of Opportunities draft forecasts and key findings presentation below.</p> <p>*Please note these are draft forecasts only and not to be used for any other purpose</p> <p>DRAFT FORECASTS ONLY</p> <table border="1"> <thead> <tr> <th></th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024</th> <th>2025</th> <th>2026</th> <th>2027</th> <th>2028</th> <th>2029</th> </tr> </thead> <tbody> <tr> <td colspan="11">Potential gas supply</td> </tr> <tr> <td>Low scenario</td> <td>1,304</td> <td>1,161</td> <td>1,153</td> <td>1,099</td> <td>1,129</td> <td>1,093</td> <td>1,058</td> <td>1,022</td> <td>989</td> <td>961</td> </tr> <tr> <td>Base scenario</td> <td>1,304</td> <td>1,161</td> <td>1,153</td> <td>1,097</td> <td>1,243</td> <td>1,206</td> <td>1,396</td> <td>1,359</td> <td>1,327</td> <td>1,301</td> </tr> <tr> <td>High scenario</td> <td>1,304</td> <td>1,161</td> <td>1,201</td> <td>1,145</td> <td>1,291</td> <td>1,245</td> <td>1,436</td> <td>1,400</td> <td>1,369</td> <td>1,343</td> </tr> <tr> <td>Prospective projects</td> <td>-</td> <td>-</td> <td>25</td> <td>25</td> <td>144</td> <td>144</td> <td>375</td> <td>375</td> <td>375</td> <td>375</td> </tr> <tr> <td colspan="11">Domestic gas demand</td> </tr> <tr> <td>SWIS - base scenario</td> <td>651</td> <td>649</td> <td>656</td> <td>659</td> <td>661</td> <td>673</td> <td>674</td> <td>678</td> <td>678</td> <td>684</td> </tr> <tr> <td>Non-SWIS - base scenario</td> <td>395</td> <td>417</td> <td>442</td> <td>465</td> <td>468</td> <td>465</td> <td>464</td> <td>470</td> <td>477</td> <td>482</td> </tr> <tr> <td>East - base scenario</td> <td>168</td> <td>172</td> <td>174</td> <td>176</td> <td>178</td> <td>176</td> <td>174</td> <td>177</td> <td>181</td> <td>184</td> </tr> <tr> <td>North - base scenario</td> <td>233</td> <td>245</td> <td>268</td> <td>290</td> <td>291</td> <td>290</td> <td>290</td> <td>294</td> <td>296</td> <td>299</td> </tr> <tr> <td>Metro/South West - base scenario</td> <td>645</td> <td>648</td> <td>655</td> <td>658</td> <td>660</td> <td>673</td> <td>674</td> <td>678</td> <td>677</td> <td>683</td> </tr> <tr> <td>WA demand - low scenario</td> <td>1,033</td> <td>1,050</td> <td>1,079</td> <td>1,103</td> <td>1,105</td> <td>1,092</td> <td>1,092</td> <td>1,098</td> <td>1,102</td> <td>1,108</td> </tr> <tr> <td>WA demand - base scenario</td> <td>1,046</td> <td>1,065</td> <td>1,098</td> <td>1,124</td> <td>1,128</td> <td>1,139</td> <td>1,138</td> <td>1,148</td> <td>1,154</td> <td>1,165</td> </tr> <tr> <td>WA demand - high scenario</td> <td>1,081</td> <td>1,128</td> <td>1,157</td> <td>1,187</td> <td>1,256</td> <td>1,332</td> <td>1,327</td> <td>1,338</td> <td>1,344</td> <td>1,355</td> </tr> <tr> <td>New projects (committed)</td> <td>6</td> <td>20</td> <td>40</td> <td>60</td> <td>60</td> <td>60</td> <td>60</td> <td>60</td> <td>60</td> <td>60</td> </tr> <tr> <td>Prospective projects</td> <td>23</td> <td>43</td> <td>43</td> <td>43</td> <td>106</td> <td>168</td> <td>168</td> <td>168</td> <td>168</td> <td>168</td> </tr> </tbody> </table> | | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | Potential gas supply | | | | | | | | | | | Low scenario | 1,304 | 1,161 | 1,153 | 1,099 | 1,129 | 1,093 | 1,058 | 1,022 | 989 | 961 | Base scenario | 1,304 | 1,161 | 1,153 | 1,097 | 1,243 | 1,206 | 1,396 | 1,359 | 1,327 | 1,301 | High scenario | 1,304 | 1,161 | 1,201 | 1,145 | 1,291 | 1,245 | 1,436 | 1,400 | 1,369 | 1,343 | Prospective projects | - | - | 25 | 25 | 144 | 144 | 375 | 375 | 375 | 375 | Domestic gas demand | | | | | | | | | | | SWIS - base scenario | 651 | 649 | 656 | 659 | 661 | 673 | 674 | 678 | 678 | 684 | Non-SWIS - base scenario | 395 | 417 | 442 | 465 | 468 | 465 | 464 | 470 | 477 | 482 | East - base scenario | 168 | 172 | 174 | 176 | 178 | 176 | 174 | 177 | 181 | 184 | North - base scenario | 233 | 245 | 268 | 290 | 291 | 290 | 290 | 294 | 296 | 299 | Metro/South West - base scenario | 645 | 648 | 655 | 658 | 660 | 673 | 674 | 678 | 677 | 683 | WA demand - low scenario | 1,033 | 1,050 | 1,079 | 1,103 | 1,105 | 1,092 | 1,092 | 1,098 | 1,102 | 1,108 | WA demand - base scenario | 1,046 | 1,065 | 1,098 | 1,124 | 1,128 | 1,139 | 1,138 | 1,148 | 1,154 | 1,165 | WA demand - high scenario | 1,081 | 1,128 | 1,157 | 1,187 | 1,256 | 1,332 | 1,327 | 1,338 | 1,344 | 1,355 | New projects (committed) | 6 | 20 | 40 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | Prospective projects | 23 | 43 | 43 | 43 | 106 | 168 | 168 | 168 | 168 | 168 | AEMO | Complete |
| | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Potential gas supply | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Low scenario | 1,304 | 1,161 | 1,153 | 1,099 | 1,129 | 1,093 | 1,058 | 1,022 | 989 | 961 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Base scenario | 1,304 | 1,161 | 1,153 | 1,097 | 1,243 | 1,206 | 1,396 | 1,359 | 1,327 | 1,301 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| High scenario | 1,304 | 1,161 | 1,201 | 1,145 | 1,291 | 1,245 | 1,436 | 1,400 | 1,369 | 1,343 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prospective projects | - | - | 25 | 25 | 144 | 144 | 375 | 375 | 375 | 375 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Domestic gas demand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SWIS - base scenario | 651 | 649 | 656 | 659 | 661 | 673 | 674 | 678 | 678 | 684 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Non-SWIS - base scenario | 395 | 417 | 442 | 465 | 468 | 465 | 464 | 470 | 477 | 482 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| East - base scenario | 168 | 172 | 174 | 176 | 178 | 176 | 174 | 177 | 181 | 184 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| North - base scenario | 233 | 245 | 268 | 290 | 291 | 290 | 290 | 294 | 296 | 299 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metro/South West - base scenario | 645 | 648 | 655 | 658 | 660 | 673 | 674 | 678 | 677 | 683 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WA demand - low scenario | 1,033 | 1,050 | 1,079 | 1,103 | 1,105 | 1,092 | 1,092 | 1,098 | 1,102 | 1,108 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WA demand - base scenario | 1,046 | 1,065 | 1,098 | 1,124 | 1,128 | 1,139 | 1,138 | 1,148 | 1,154 | 1,165 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WA demand - high scenario | 1,081 | 1,128 | 1,157 | 1,187 | 1,256 | 1,332 | 1,327 | 1,338 | 1,344 | 1,355 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| New projects (committed) | 6 | 20 | 40 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prospective projects | 23 | 43 | 43 | 43 | 106 | 168 | 168 | 168 | 168 | 168 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |