



#	ACCC question	Applicants' response
1.	We note that during our meeting, you referenced a misunderstanding on the part of the ACCC in analysing the original authorisation. We would appreciate if you could outline this misunderstanding and provide the relevant clarification, such that we can accurately assess the current application.	<p>The misunderstanding was that the maintenance activities undertaken at the LNG processing plants had any material impact on the production or maintenance activities being carried out at the domestic processing plants. The ACCC accepted at [97] that “the production of gas for the supply of domgas in Western Australia occurs at domgas plants that are physically separate and operated independently of the LNG trains”, but then made a comment that, “With the LNG facilities offline for maintenance additional gas may be redirected to domgas and domgas may be sourced at the completion of maintenance”. That misunderstands how the facilities operate and there was and is no basis to draw that conclusion. In any event, if it were correct, reporting of the maintenance information shared between producers, would not provide information about whether or not there may be an increase in production from the independently operated domgas facilities.</p> <p>The maintenance operations at the LNG facilities do not impact on the supply of domestic gas. The information required by the condition is of no utility to any party in seeking to understand whether there is likely to be less or more domestic gas at any time. The information which is relevant to that matter is the information that is required to be disclosed under the GSI Rules. Those rules require any change in the medium term capacity outlook at a domestic gas production facility to be published on the WA Gas Bulletin Board.</p>
2.	What are the key differences between the reporting condition under the existing authorisation and the GSI Rules?	<ol style="list-style-type: none"><li><b>Reporting of LNG Facilities</b> - The reporting condition requires a disclosing producer (Chevron, Woodside or INPEX) to report its reasonable expectations of the dates when scheduled maintenance is scheduled to commence and conclude, and whether LNG Trains will be wholly or partially shutdown (e.g. one train, half of one train) at an LNG Facility. This is defined as “Maintenance Information” under the reporting condition and it is this information that is required to be published. The reporting condition states that preliminary discussions for the purpose of determining possible dates for maintenance activities are not required to be disclosed. The reporting condition provides guidance on when a disclosing producer will reasonably expect the occurrence of scheduled maintenance (where there has been sufficient planning to define the scope and contractors have been confirmed). It does not include any information on domestic gas facilities. Whereas the GSI Rules require the reporting of scheduled maintenance information for domestic gas facilities only, which operate independently of the LNG facilities and which are the facilities that are relevant in considering the conditions for the supply of domestic gas.</li><li><b>Reporting coverage</b> - The reporting condition ensures Maintenance Information disclosed to the applicants pursuant to the existing authorisation is published as soon as practicable (or within no more than 2 days) after disclosure by a disclosing party.</li></ol> <p>Under the GSI Rules scheduled maintenance information is submitted to AEMO and published to the Medium Term Capacity Outlook (<b>MTCO</b>) on the Western Australian Gas Bulletin Board. The scheduled maintenance information is reported on a 12-month rolling basis. Scheduled maintenance which is expected to impact the MTCO during the next 12 calendar months must be submitted by 6pm on the last day of each calendar month.</p>

# ACCC question	Applicants' response
	<p>For example, on 31 January 2023 scheduled maintenance for the period 1 February 2023 to 31 January 2024 must be reported to AEMO.</p> <p>In respect to timing, pursuant to both the reporting condition and the GSI Rules reporting will be well in advance of any actual impact on gas supply / capacity given how far in advance maintenance activities are scheduled (usually several months or years in advance) and because under the GSI Rules information must be reported on a 12-month rolling basis. While there is a potential lag as scheduled maintenance decided at the beginning of a calendar month is only reported at the end of the calendar month under the GSI Rules, this delay of a couple weeks is immaterial given how far in advance scheduled maintenance is being reported.</p> <p>3 <b>More information under the GSI Rules</b> – In respect of published scheduled maintenance information, the reporting condition talks only of the LNG trains i.e. the number of LNG trains that are predicted to be entirely or partially shutdown as a result of scheduled maintenance activities.</p> <p>Under the GSI Rules, the applicants submit the capacity outlook of the domestic gas facility as a result of the scheduled maintenance to the MTCO. The MTCO provides information including the timing of the scheduled maintenance and the expected impact to capacity of the domestic gas facility during that period. From the perspective of domestic gas market participants, the capacity outlook reported on the MTCO is more important and would be looked to over the ACCC's condition. The reporting condition does not provide any information about gas availability from domestic gas facilities.</p> <p>4 <b>Published information on the applicants website</b> – Under the reporting condition, scheduled maintenance information is published on the applicants' individual websites. Under the GSI rules, any scheduled maintenance information for the domestic gas facilities is reported on AEMO's Western Australian Gas Bulletin Board MTCO as required under the GSI Rules. It is understood that professionals in this space look to the bulletin board daily and look to this information over the reporting on the applicants' websites under the reporting condition.</p>

**Reporting requirements under the GSI Rules**

<p>3. Please outline which LNG facilities of the applicants are required to report under the GSI Rules (including any LNG facilities who may be exempt from reporting)?</p>	<p>The GSI Rules (relevantly) apply to domestic gas production facilities, not LNG facilities. The LNG facilities are physically separate and operated independently of the domestic gas production facilities. For the avoidance of doubt, the LNG facilities to which the reporting condition relates do not supply domestic gas in Western Australia (WA) and do not affect the availability of domestic gas in WA.</p> <p>Therefore none of the LNG facilities operated by the Applicants are required to report under the GSI Rules.</p>
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#	ACCC question	Applicants' response
4.	Please provide a report of all scheduled maintenance information that has been reported by each of the LNG facilities under the GSI Rules.	The scheduled maintenance information required under the GSI Rules relates to the domestic gas production facilities. At Annexure A is a copy of all scheduled maintenance information reported by Woodside and Chevron, which are the businesses with domestic gas production facilities.
5.	For the period from the commencement of the reporting requirements under the GSI Rules until now, provide the total number of scheduled maintenance operations that have been reported under the existing reporting condition and the total number of the scheduled maintenance events reported under the GSI Rules.	<p>The reporting condition came into force on 24 March 2018. Under the reporting condition, 11 maintenance events have been reported by the Disclosing Producers.</p> <p>The GSI Rules commenced on 29 June 2013 and the WA Gas Bulletin Board commenced in August 2013. Since that time, in total Chevron and Woodside have reported 98 scheduled maintenance operations to AEMO under the GSI Rules.</p>
6.	How is scheduled maintenance information reported for non-registered facilities operated by the Applicant under the GSI Rules (except Prelude/Shell)?	None of the LNG facilities operated by the Applicants are required to report under the GSI Rules, as they are not domestic gas production facilities. The Applicants' domestic gas production facilities in WA are all registered.
7.	In relation to Ichthys, where the LNG facilities are located in the Northern Territory, without the reporting condition how would scheduled maintenance information be reported?	Scheduled maintenance information for Ichthys would not be required to be reported. The Ichthys LNG facility is not a source of gas for domestic supply and so cannot affect domestic supply conditions.
8.	We understand from the information provided during our meeting that the applicants consider that any maintenance that impacts on the WA domestic market would be reported under the GSI Rules. Please clarify this statement and provide details of whether this includes any direct and any indirect impacts on the WA domestic market. For example, are there any situations where scheduled maintenance on a non-domestic gas facility could impact on the WA domestic gas market.	<p>There is no direct impact on the WA domestic market. The Applicants do not consider there to be any indirect impacts on the WA domestic market. In the previous determination the ACCC suggested that maintenance at an LNG facility may increase the production at the domestic facilities of Woodside or Chevron because "<i>they have a common source of gas supply</i>". That statement would not apply to INPEX and the Ichthys LNG project. That misunderstands how the facilities operate and there was and is no basis to draw that conclusion. If that statement were correct, reporting of the maintenance information shared between the disclosing LNG producers would not provide information about whether or not there may be an increase in production from the independently operated domestic gas production facilities.</p> <p>In any event, if there were to be an increase in production at either domestic gas facility, that increased production would have to be reported as a change in medium term capacity outlook at an associated domestic gas production facility (which would be published on the WA Gas Bulletin Board).</p> <p>Information regarding the outage at Chevron's Wheatstone domestic gas plant on 5 January 2023, caused by a technical issue, was reported on the WA Gas Bulletin Board demonstrating the importance of the WA Gas Bulletin Board in providing information to industry on changes to expected gas production and supply volumes in the WA domestic market. This unplanned maintenance event was not required to be reported under the reporting condition as the event did not impact an LNG facility.</p>



# ACCC question Applicants' response

- 9. We understand that the WA Reservation Policy requires WA LNG projects to reserve 15% of their output to provide to the domestic market and that all four WA LNG facilities (being Gorgon, Pluto, Wheatstone and North West Shelf) that process gas onshore have contractual arrangements under the Policy. However, we note there is some tension between this policy and your statement that certain applicants do not sell gas domestically. Could you please explain how those facilities satisfy their obligation under the Policy, or otherwise provide an explanation such that we can navigate this tension?
  - INPEX's Ichthys project and Shell's Prelude project are not located onshore in Western Australia and therefore neither project is subject to the WA Reservation Policy (**Policy**) – these are the applicants to which the statement related.
  - Under the Policy, export focused developments/projects are required to supply the WA domestic gas market by reserving the equivalent of 15% of LNG production for the domestic market. Relevantly, the Policy requires these projects to make gas (rather than LNG) available for WA consumers. LNG is gas that has been liquified (i.e. cooled down from a gas to a liquid form) via an LNG train.
  - The four LNG projects listed in the question (Gorgon, Pluto, Wheatstone and the NWS) are operated by either Woodside or Chevron. There is a domestic gas agreement, negotiated by the State to give effect to the Policy, in place in relation to each of these projects (see the Western Australian Government website for more details).<sup>1</sup> Accordingly, Woodside and Chevron do in fact supply domestic gas to WA. However, they do so from their domestic gas production facilities (or alternative gas sources), not their LNG facilities.
  - For the avoidance of doubt, we note that Shell does supply gas domestically but not as the operator of the Prelude project. The gas that Shell supplies domestically is gas that it lifts from the North West Shelf and Gorgon projects. INPEX's Ichthys facility does not commercially supply domestic gas and does not participate in the domestic gas market (with the limited exception of emergency gas supply arrangements held with Power & Water Corporation).

Likely changes to the LNG market in the next 10 years

- 10. Could you please describe what changes, if any, the applicants expect will occur in the Western Australian and Northern Territory gas markets as a result of these changes, including any changes to infrastructure, maintenance works and LNG supply?
 

Expected market changes

Global energy markets are currently in a state of high volatility and uncertainty. However, the Applicants expect that the global market for LNG and local markets for domestic gas will remain strong over the next 10 years and continue to grow.

Global commitment to take decisive action to address climate change continues to strengthen and many countries at the 26<sup>th</sup> UN Climate Change Conference of the Parties (COP-26) held in Glasgow during November 2021 pledged to achieve net zero carbon emissions by around the middle of the century. Natural gas, which on a lifecycle basis emits half the carbon dioxide of coal to generate power, is expected to play a critical role in the energy transition to address climate change.

Natural gas can also be used in conjunction with carbon capture and storage to create lower-carbon hydrogen, which is likely to become an increasingly significant source of energy over time.

As such, there is opportunity for natural gas to play an important and key role to assist with decarbonation goals.

<sup>1</sup> See: <https://www.wa.gov.au/government/publications/implementation-of-the-wa-domestic-gas-policy>.

Expected changes to LNG supply

The Australian Government's Global Resource Strategy Commodity: Liquefied Natural Gas report published on 23 February 2022<sup>2</sup> states that continued LNG demand growth in Asia is expected to drive LNG trade growth over the decades to 2050. Australia continues to be one of the world's largest global LNG exporters (the largest in 2020 and in 2021).

The Applicants' LNG facilities the subject of the current authorisation will continue to supply LNG going forward. A number of new LNG supply projects have also been announced and are being progressed in WA. These projects are expected to increase supply of LNG. For example:

- The Scarborough LNG and Pluto LNG Train 2 projects, which are currently under construction in WA, are expected to supply LNG (and domestic gas) from 2026.
- Chevron Australia announced it would proceed with the Jansz-Io Compression project, a modification of the existing Gorgon development. This will maintain gas supply from the Jansz-Io field to the three existing LNG trains and domestic gas plant.
- From 2022 to 2025, certain gas from the Pluto domestic gas plant is being accelerated for processing as LNG and domestic gas at the Karratha Gas Plant.

Expected changes to infrastructure

There are a number of demand and supply infrastructure projects that have been announced and are being progressed in the WA and Northern Territory gas markets:

- The Scarborough LNG and Pluto LNG Train 2 projects are currently under construction in WA and are expected to deliver new LNG and domestic gas processing facilities from 2026.
- The Waitsia Joint Venture is constructing Stage 2 of the Waitsia Gas Project in WA, for development of its WA onshore gas and transportation and processing as LNG at the Woodside operated NWS Project (Karratha Gas Plant) in the period 2023-2028.
- The first LNG train (of five) at the NWS Project is likely to be taken off-line in the next few years, with future train shutdowns dependent on finding gas to process at the Karratha Gas Plant from other resource owners.
- The Barossa Gas Project is under production in the NT (Note: the project is currently on hold pending Court proceedings).

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<sup>2</sup> See: <https://www.industry.gov.au/sites/default/files/2022-09/grs-commodity-report-lng.pdf>



#	ACCC question	Applicants' response
		<u>Expected changes to maintenance</u> The Applicants do not anticipate any material changes to the usual baseload of maintenance activities conducted at their LNG facilities and/or domestic gas production facilities over the next 10 years.
11.	Could you please describe how these changes, if any, are likely to affect other energy markets, in particular electricity?	The changes described in response to question 10 above reflect the ongoing importance of, and key role played by, natural gas in the global energy transition.
12.	If the applicants do not anticipate changes, could you please explain why?	N/A
13.	Could you please outline whether your clients anticipate any other changes to LNG market dynamics in the next 10 years, and the significance of any such changes?	See response to question 10.



## Annexure A

### Scheduled maintenance information reported by Chevron and Woodside

#	Facility	Dated scheduled information reported to AEMO	Details reported
<b>Woodside operated facilities</b>			
1.	Karratha Gas Plant	03/09/2015	Duration 05/09/2015 – 10/09/2015 Maintenance Capacity 500.0 TJ/d
2.	Karratha Gas Plant	23/09/2015	Duration 12/10/2015 – 21/10/2015 Planned maintenance Capacity 630.0 TJ/d
3.	Karratha Gas Plant	21/01/2016	Duration 01/04/2016 – 02/04/2016 Planned maintenance Capacity 350.0 TJ/d  Duration 13/05/2016 – 10/06/2016 Planned maintenance Capacity 560.0 TJ/d
4.	Karratha Gas Plant	24/03/2016	Duration 13/05/2016 – 16/05/2016 Planned maintenance Capacity 450.0 TJ/d  Duration 17/05/2016 – 28/05/2016 Planned maintenance Capacity 530.0 TJ/d  Duration 29/05/2016 – 31/05/2016 Planned maintenance Capacity 450.0 TJ/d



#	Facility	Dated scheduled information reported to AEMO	Details reported
5.	Karratha Gas Plant	07/05/2016	Duration 13/05/2016 – 17/05/2016 Planned maintenance Capacity 450.0 TJ/d
			Duration 18/05/2016 – 24/05/2016 Planned maintenance Capacity 530.0 TJ/d
			Duration 25/05/2016 – 31/05/2016 Planned maintenance Capacity 450.0 TJ/d
6.	Karratha Gas Plant	20/05/2016	Duration 20/05/2016 Planned maintenance Capacity 450.0 TJ/d
			Duration 21/05/2016 – 26/05/2016 Planned maintenance Capacity 530.0 TJ/d
			Duration 27/05/2016 – 01/06/2016 Planned maintenance Capacity 450.0 TJ/d





#	Facility	Dated scheduled information reported to AEMO	Details reported
7.	Karratha Gas Plant	15/07/2016	Duration 18/07/2016 – 23/07/2016 Planned maintenance Capacity 510.0 TJ/d  Duration 25/07/2016 – 07/08/2016 Planned maintenance Capacity 630.0 TJ/d  Duration 08/08/2016 – 13/08/2016 Planned maintenance Capacity 560.0 TJ/d Duration 14/08/2016 – 22/08/2016 Planned maintenance Capacity 630.0 TJ/d
8.	Karratha Gas Plant	26/08/2016	Duration 07/09/2016 – 21/09/2016 Planned maintenance Capacity 535.0 TJ/d
9.	Karratha Gas Plant	02/11/2016	Duration 16/11/2016 – 21/12/2016 Planned maintenance Capacity 630.0 TJ/d
10.	Karratha Gas Plant	29/12/2016	Duration 09/01/2017 – 25/01/2017 Planned maintenance Capacity 630.0 TJ/d
11.	Karratha Gas Plant	29/03/2017	Duration 01/05/2017 – 16/06/2017 Planned maintenance Capacity 550.0 TJ/d
12.	Karratha Gas Plant	29/05/2017	Duration 30/05/2017 – 29/06/2017 Planned maintenance Capacity 550.0 TJ/d



#	Facility	Dated scheduled information reported to AEMO	Details reported
13.	Karratha Gas Plant	13/06/2017	Duration 13/06/2017 – 30/06/2017 Planned maintenance Capacity 550.0 TJ/d  Duration 03/07/2017 – 18/08/2017 Planned maintenance Capacity 480.0 TJ/d
14.	Karratha Gas Plant	28/07/2017	Duration 28/07/2017 – 26/08/2017 Planned maintenance Capacity 480.0 TJ/d
15.	Karratha Gas Plant	26/10/2017	Duration 13/11/2017 – 14/11/2017 Planned maintenance Capacity 450.0 TJ/d
16.	Karratha Gas Plant	12/02/2018	Duration 13/02/2018 – 29/03/2018 Planned maintenance Capacity 480.0 TJ/d
17.	Karratha Gas Plant	23/03/2018	Duration 13/02/2018 – 31/03/2018 Planned maintenance Capacity 480.0 TJ/d
18.	Karratha Gas Plant	04/04/2018	Duration 13/02/2018 – 08/04/2018 Planned maintenance Capacity 480.0 TJ/d
19.	Karratha Gas Plant	10/04/2018	Duration 13/02/2018 – 13/04/2018 Planned maintenance Capacity 480.0 TJ/d



#	Facility	Dated scheduled information reported to AEMO	Details reported
20.	Karratha Gas Plant	17/04/2018	Duration 13/02/2018 – 20/04/2018 Planned maintenance Capacity 480.0 TJ/d
21.	Karratha Gas Plant	22/05/2018	Duration 04/06/2018 – 06/07/2018 Planned maintenance Capacity 550.0 TJ/d
22.	Karratha Gas Plant	06/06/2018	Duration 11/06/2018 – 13/07/2018 Planned maintenance Capacity 550.0 TJ/d
23.	Karratha Gas Plant	12/06/2018	Duration 12/06/2018 – 15/07/2018 Planned maintenance Capacity 550.0 TJ/d
24.	Karratha Gas Plant	23/07/2018	Duration 23/07/2018 – 31/07/2018 Planned maintenance Capacity 550.0 TJ/d
25.	Karratha Gas Plant	31/07/2018	Duration 23/07/2018 – 03/08/2018 Planned maintenance Capacity 550.0 TJ/d
26.	Pluto	17/01/2019	Duration 21/01/2019 – 23/01/2019 Maintenance Capacity 0.0 TJ/d
27.	Karratha Gas Plant	21/01/2019	Duration 25/02/2019 – 19/04/2019 Planned maintenance Capacity 550.0 TJ/d



#	Facility	Dated scheduled information reported to AEMO	Details reported
28.	Pluto	04/02/2019	Duration 05/02/2019 – 07/02/2019 Maintenance Capacity 0.0 TJ/d  Duration 11/02/2019 – 13/02/2019 Maintenance Capacity 0.0 TJ/d
29.	Pluto	08/02/2019	Duration 12/02/2019 – 15/02/2019 Maintenance Capacity 0.0 TJ/d
30.	Karratha Gas Plant	20/02/2019	Duration 21/02/2019 – 19/04/2019 Planned maintenance Capacity 550.0 TJ/d
31.	Pluto	18/02/2019	Duration 20/04/2019 – 30/05/2019 Planned maintenance Capacity 0.0 TJ/d
32.	Pluto	20/03/2019	Duration 26/04/2019 – 30/05/2019 Planned maintenance Capacity 0.0 TJ/d
33.	Karratha Gas Plant	04/04/2019	Duration 21/02/2019 – 26/04/2019 Planned maintenance Capacity 550.0 TJ/d
34.	Karratha Gas Plant	30/04/2019	Duration 20/05/2019 – 12/07/2019 Planned maintenance Capacity 550.0 TJ/d



#	Facility	Dated scheduled information reported to AEMO	Details reported
35.	Karratha Gas Plant	21/05/2019	Duration 23/05/2019 – 12/07/2019 Planned maintenance Capacity 550.0 TJ/d
36.	Pluto	29/05/2019	Duration 26/04/2019 – 08/06/2019 Planned maintenance Capacity 0.0 TJ/d
37.	Pluto	10/06/2019	Duration 26/04/2019 – 30/06/2019 Planned maintenance Capacity 0.0 TJ/d
38.	Pluto	04/07/2019	Duration 03/07/2019 – 06/07/2019 Maintenance Capacity 0.0 TJ/d
39.	Pluto	05/07/2019	Duration 03/07/2019 – 08/07/2019 Maintenance Capacity 0.0 TJ/d
40.	Pluto	19/07/2019	Duration 28/07/2019 – 30/07/2019 Maintenance Capacity 0.0 TJ/d
41.	Karratha Gas Plant	13/08/2019	Duration 07/09/2019 – 15/09/2019 Planned maintenance Capacity 470.0 TJ/d
42.	Pluto	02/12/2019	Duration 08/12/2019 – 10/12/2019 Planned maintenance Capacity 0.0 TJ/d



#	Facility	Dated scheduled information reported to AEMO	Details reported
43.	Pluto	18/12/2019	Duration 29/01/2020 – 30/01/2020 Planned maintenance Capacity 0.0 TJ/d
44.	Pluto	17/01/2020	Duration 23/02/2020 – 26/02/2020 Planned maintenance Capacity 0.0 TJ/d
45.	Pluto	17/02/2020	Duration 25/02/2020 – 26/02/2020 Planned maintenance Capacity 0.0 TJ/d  Duration 17/04/2020 – 19/04/2020 Planned maintenance Capacity 0.0 TJ/d
46.	Karratha Gas Plant	31/03/2020	Duration 31/03/2020 – 03/04/2020 Planned maintenance Capacity 485.0 TJ/d
47.	Karratha Gas Plant	27/04/2020	Duration 06/05/2020 – 19/05/2020 Planned maintenance Capacity 450.0 TJ/d
48.	Pluto	21/04/2020	Duration 21/05/2020 – 24/05/2020 Planned shutdown Capacity 0.0 TJ/d
49.	Karratha Gas Plant	04/05/2020	Duration 04/05/2020 – 16/05/2020 Planned maintenance Capacity 450.0 TJ/d



#	Facility	Dated scheduled information reported to AEMO	Details reported
50.	Pluto	14/05/2020	Duration 22/05/2020 – 25/05/2020 Planned shutdown Capacity 0.0 TJ/d
51.	Pluto	20/05/2020	Duration 21/05/2020 – 25/05/2020 Planned shutdown Capacity 0.0 TJ/d
52.	Karratha Gas Plant	29/05/2020	Duration 29/05/2020 – 05/06/2020 Planned maintenance Capacity 450.0 TJ/d
53.	Karratha Gas Plant	10/06/2020	Duration 10/06/2020 – 12/06/2020 Planned maintenance Capacity 450.0 TJ/d
54.	Pluto	17/07/2020	Duration 22/08/2020 – 26/08/2020 Planned shutdown Capacity 0.0 TJ/d
55.	Karratha Gas Plant	14/08/2020	Duration 14/08/2020 – 23/08/2020 Planned maintenance Capacity 450.0 TJ/d
56.	Pluto	27/08/2020	Duration 26/10/2020 – 30/10/2020 Planned maintenance Capacity 0.0 TJ/d



#	Facility	Dated scheduled information reported to AEMO	Details reported
57.	Pluto	30/09/2020	Duration 30/11/2020 – 01/12/2020 Planned maintenance Capacity 0.0 TJ/d  Duration 22/02/2021 – 23/02/2021 Planned maintenance Capacity 0.0 TJ/d  Duration 19/05/2021 – 22/05/2021 Planned maintenance Capacity 0.0 TJ/d  Duration 15/08/2021 – 24/08/2021 Planned maintenance Capacity 0.0 TJ/d
58.	Pluto	26/10/2020	Duration 25/11/2020 – 04/12/2020 Planned maintenance Capacity 0.0 TJ/d
59.	Pluto	17/11/2020	Duration 19/11/2020 – 01/12/2020 Planned maintenance Capacity 0.0 TJ/d
60.	Pluto	18/11/2020	Duration 20/11/2020 – 01/12/2020 Planned maintenance Capacity 0.0 TJ/d
61.	Pluto	01/12/2020	Duration 20/11/2020 – 04/12/2020 Planned maintenance Capacity 0.0 TJ/d
62.	Pluto	04/12/2020	Duration 20/11/2020 – 08/12/2020 Planned maintenance Capacity 0.0 TJ/d





#	Facility	Dated scheduled information reported to AEMO	Details reported
63.	Pluto	08/12/2020	Duration 18/11/2021 – 19/11/2021 Planned maintenance Capacity 0.0 TJ/d
64.	Pluto	24/12/2020	Duration 22/11/2020 – 30/12/2020 Maintenance Capacity 0.0 TJ/d
65.	Pluto	30/12/2020	Duration 22/11/2020 – 06/01/2021 Maintenance Capacity 0.0 TJ/d
66.	Pluto	20/01/2021	Duration 06/02/2021 – 15/02/2021 Planned maintenance Capacity 0.0 TJ/d  Duration 08/05/2021 – 12/05/2021 Planned maintenance Capacity 0.0 TJ/d  Duration 03/11/2021 – 05/11/2021 Planned maintenance Capacity 0.0 TJ/d
67.	Pluto	01/02/2021	Duration 06/02/2021 – 04/03/2021 Maintenance Capacity 0.0 TJ/d
68.	Karratha Gas Plant	18/02/2021	Duration 19/02/2021 – 08/04/2021 Planned maintenance Capacity 450.0 TJ/d



#	Facility	Dated scheduled information reported to AEMO	Details reported
69.	Karratha Gas Plant	27/04/2021	Duration 18/04/2021 – 08/05/2021 Planned maintenance Capacity 80.0 TJ/d
70.	Karratha Gas Plant	11/05/2021	Duration 11/05/2021 – 25/05/2021 Planned maintenance Capacity 450.0 TJ/d
71.	Karratha Gas Plant	09/08/2021	Duration 09/08/2021 – 19/09/2021 Planned maintenance Capacity 450.0 TJ/d
72.	Pluto	22/09/2021	Duration 20/05/2022 – 22/05/2022 Maintenance Capacity 0.0 TJ/d  Duration 07/08/2022 – 22/08/2022 Maintenance Capacity 0.0 TJ/d
73.	Pluto	08/03/2022	Duration 16/11/2022 – 18/11/2022 Planned maintenance Capacity 0.0 TJ/d
74.	Karratha Gas Plant	31/03/2022	Duration 09/06/2022 – 10/06/2022 Planned maintenance Capacity 450.0 TJ/d



#	Facility	Dated scheduled information reported to AEMO	Details reported
75.	Karratha Gas Plant	27/05/2022	Duration 30/05/2022 – 28/06/2022 Planned maintenance Capacity 589.0 TJ/d
			Duration 19/08/2022 – 22/09/2022 Planned maintenance Capacity 589.0 TJ/d
76.	Pluto	30/05/2022	Duration 01/01/2023 – 05/01/2023 Planned maintenance Capacity 0.0 TJ/d
			Duration 01/04/2023 – 06/04/2023 Planned maintenance Capacity 0.0 TJ/d
77.	Karratha Gas Plant	29/06/2022	Duration 24/09/2022 – 06/10/2022 Planned maintenance Capacity 589.0 TJ/d
78.	Pluto	02/10/2022	Duration 01/07/2023 – 06/07/2023 Planned maintenance Capacity 0.0 TJ/d
			Duration 01/08/2023 – 13/08/2023 Planned maintenance Capacity 0.0 TJ/d
79.	Karratha Gas Plant	31/10/2022	Duration 27/02/2023 – 09/04/2023 Planned maintenance Capacity 463.0 TJ/d
80.	Pluto	08/12/2022	Duration 11/11/2023 – 22/11/2023 Planned maintenance Capacity 0.0 TJ/d



#	Facility	Dated scheduled information reported to AEMO	Details reported
<b>Chevron operated facilities</b>			
81.	Gorgon	13/09/2016	Duration 13/09/2016 - 01/11/2016 Maintenance and modification of Barrow Island Domgas Facility Capacity 0.0 TJ/d
82.	Gorgon	24/10/2016	Duration 02/11/2016 - 03/11/2016 Maintenance and modification of Barrow Island Domgas Facility Capacity 0.0 TJ/d
83.	Gorgon	04/11/2016	Duration 04/11/2016 - 09/11/2016 Maintenance and modification of Barrow Island Domgas Facility Capacity 0.0 TJ/d
84.	Gorgon	08/11/2016	Duration 09/11/2016 - 11/11/2016 Maintenance and modification of Barrow Island Domgas Facility Capacity 0.0 TJ/d
85.	Gorgon	10/11/2016	Duration 11/11/2016 - 13/11/2016 Maintenance and modification of Barrow Island Domgas Facility Capacity 0.0 TJ/d
86.	Gorgon	28/02/2018	Duration 28/04/2018 - 08/05/2018 Domgas Outage – Jansz Field Maintenance Capacity 0.0 TJ/d
87.	Gorgon	29/03/2019	Duration 24/07/2019 - 13/08/2019 Domgas Facility Outage Capacity 0.0 TJ/d



#	Facility	Dated scheduled information reported to AEMO	Details reported
88.	Gorgon	25/07/2019	Duration 23/05/2020 - 02 Jun 2020 Jansz Field Outage (Domgas) Capacity 90.0 TJ/d
89.	Wheatstone	30/12/2018	Duration 14/09/2019 - 14/09/2019 Platform Critical Safety Test Capacity 137.0 TJ/d
90.	Wheatstone	30/12/2018	Duration 15/09/2019 - 15/09/2019 Platform Critical Safety Test Capacity 0.0 TJ/d
91.	Wheatstone	30/12/2018	Duration 16/09/2019 - 16/09/2019 Platform Critical Safety Test Capacity 68.0 TJ/d
92.	Wheatstone	26/08/2019	Duration 20/09/2019 - 20/09/2019 AGIG Pigging Capacity 180.00 TJ/d
93.	Wheatstone	29/03/2022	Duration 03/04/2022 - 03/04/2022 WHS Domgas Plant turnaround ramp down Capacity 136.7 TJ/d
94.	Wheatstone	11/05/2022	Duration 04/04/2022 - 20/05/2022 DomGas Plant Turnaround Capacity 0.0 TJ/d
95.	Wheatstone	11/05/2022	Duration 21/05/2022 - 21/05/2022 DomGas Plant Turnaround ramp up Capacity 125.0 TJ/d



#	Facility	Dated scheduled information reported to AEMO	Details reported
96.	Wheatstone	22/05/2022	Duration 22/05/2022 - 22/05/2022 DomGas Plant Turnaround ramp up Capacity 180.0 TJ/d
97.	Wheatstone	20/05/2022	Duration 23/05/2022 - 23/05/2022 Domgas Plant Turnaround ramp up Capacity 200.0 TJ/d
98.	Wheatstone	06/01/2023	Duration 06/01/2023 – 12/01/2023 Export Constraint Capacity: <ul style="list-style-type: none"><li>• 06/01/2023 – 09/01/2023: 0 TJ/d</li><li>• 10/01/2023: 40 TJ/d</li><li>• 11/02/2023: 100 TJ/d</li><li>• 12/02/2-23: 205 TJ/d</li></ul>