

# STTM EVENT: CONTINGENCY GAS TRIGGER – GAS DAY 13 JANUARY 2016 AT SYDNEY HUB

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## Glossary

<b>Terms or Abbreviations</b>	<b>Explanation</b>
AEMO	Australian Energy Market Operator
AEST	Australian Eastern Standard Time
APA	APA Group
CG	Contingency gas
DWGM	Declared Wholesale Gas Market
EGP	Eastern Gas Pipeline
FO	STTM Facility Operators
JGN	Jemena Gas Networks
MIS	Market Information System
MOS	Market Operator Services
MSP	Moomba to Sydney Pipeline
NGR	National Gas Rules
STTM	Short Term Trading Market
TJ	Terajoule

## Important Notice

### Purpose

AEMO has prepared this report in accordance with rule 497 of the National Gas Rules (Rules), using information available as at the date of the report, unless otherwise specified.

### Disclaimer

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## 1 Summary and purpose

On 13 January 2016, Jemena EGP (Jemena) notified AEMO that it believed a Contingency Gas (CG) trigger event had occurred for gas day 13 January 2016. A compressor issue on the Eastern Gas Pipeline (EGP) was expected to impact supply into the Sydney hub at the Horsley Park Custody Transfer Point (CTP). Jemena estimated there would be a 30 TJ supply shortfall into the Sydney hub for 13 January 2016.

For 13 January 2016, the linepack status for EGP on the AEMO Gas Bulletin Board (GBB) was changed to 'RED' (indicating involuntary load shedding of 'firm' load is likely or is happening on that gas day). The linepack status was set to 'AMBER' for 14 January 2016, indicating load shedding of one or more interruptible gas customers is likely or is happening on the gas day.

In accordance with the National Gas Rules (NGR), AEMO convened assessment conferences and an industry conference to assess the likely impact of the CG trigger event and determine the nature and timing of appropriate responses.

Following these conferences, AEMO determined and informed the market that no CG was required for gas day 13 or 14 January 2016.

At 1538 hrs AEST on 14 January 2016, AEMO notified the market that the CG event was closed following confirmation that the EGP linepack had returned to 'GREEN' from gas day 15 January 2016 (indicating pipeline capacity and linepack was adequate to meet demand).

As no CG was scheduled, there are no CG price impacts to report. However, a combination of Trading Participants forecast errors, Trading Participants not renominating accordingly on MSP and EGP, and Jemena meeting their renominated deliveries exacerbated the total Market Operator Service (MOS) decrease on MSP (42.8TJ). This resulted in a high MOS costs.

## 2 Background

### 2.1 Event reporting requirements

Rule 497 of the NGR requires AEMO to publish a report within 30 business days after the conclusion of a reviewable event.<sup>1</sup> In this instance, the reviewable event is a CG trigger event<sup>2</sup> in respect of which AEMO published a notice under Rule 441 .

The report must include:

- a description of the reviewable event;
- AEMO's assessment of –
  - the actions taken by Trading Participants, STTM facility operators, STTM distributors and AEMO in relation to the reviewable event;

<sup>1</sup> Rule 497(2) of the NGR defines a reviewable event as:

- (a) an administered price cap state, administered ex post pricing state, market administered scheduling state or market administered settlement state, or a series of such states that relate to the same underlying event or circumstances; or
- (b) a contingency gas trigger event in respect of which AEMO publishes a notice under rule 441 and (if applicable) the scheduling and provision of contingency gas in relation to that contingency gas trigger event.

<sup>2</sup> Rule 440(1) of the NGR define four contingency gas trigger events:

- a) Pressure conditions are forecast to be under or over acceptable operating levels at a hub or a custody transfer point. Note that intraday pressure issues can arise even when supply and withdrawal is balanced over the day.
- b) An STTM facility is forecast to be unable to meet the normal seasonal levels of daily delivery capacity to the hub.
- c) An event, upstream of an STTM distribution system, could reasonably be expected to adversely affect the supply of natural gas to that STTM distribution system.
- d) Price taker bids in an ex ante market schedule or an outlook schedule issued by AEMO are not fully scheduled due to inadequate supply of natural gas to that hub on that gas day.

For the purposes of this event, the trigger under rule 440(1)(c) applied.

- the effect of the reviewable event on the operation of the STTM;
- whether the provisions of Part 20 of the NGR (i.e. the rules relating to the STTM) were adequate to address the reviewable event; and
- any other matter that AEMO considers relevant;
- in the case of a reviewable event which is a CG trigger event, if applicable, AEMO's reasons for not scheduling any price steps that were:
  - contained in contingency gas offers and were below the high contingency gas price; or
  - contained in contingency gas bids and were above the low contingency gas price.

## 2.2 Review of Division 8 of the National Gas Rules

Rule 493 requires AEMO to review the operation of Division 8 of the NGR (Part 20, Division 8 of the NGR outlines the contingency gas arrangements for the STTM) after the first time contingency gas is scheduled in respect of a contingency gas trigger event. AEMO must undertake the review in accordance with the extended consultative procedure outlined in rule 9A of the NGR.

As no contingency gas was scheduled in this instance, a review of Division 8 is not required.

## 2.3 Contingency gas process

The NGR and STTM Procedures define a process that AEMO, as the market operator, must facilitate and administer whereby contingency gas can be scheduled. Contingency gas is a mechanism for balancing supply and withdrawals at a hub when both the ex ante market and bilateral intraday pipeline flow variations are unable (or not expected to be able) to match supply and demand within or over a gas day. Contingency gas provides pipeline operators and distributors with a means of avoiding, or at least minimising, the need to involuntarily curtail shippers supplying the hub or users at the hub.

In the STTM, facility operators are responsible for the operation of their respective facilities. As such, the contingency gas process, and AEMO's decision making in respect of the need for contingency gas to be scheduled, is dependent on input from trading participants and facility operators on supply/demand requirements and the physical operation and capabilities of the facilities on any given gas day. Therefore, the process by which contingency gas is scheduled is consultative, in which AEMO assesses the situation and leads a discussion with the industry on what response is needed and what is possible.

The contingency gas process includes the following sub-processes:

1. Trigger Event
2. Assessment Conference
3. Industry Conference
4. Contingency Gas Determination
5. Confirmation of Contingency Gas bids and offers (if required)
6. Scheduling Contingency Gas (if required)
7. Notification Requirements

Appendix A provides a summary of the contingency gas process.

### 3 Contingency gas trigger event

On 13 January 2016, Jemena notified AEMO that it believed a CG trigger event had occurred for gas day 13 January 2016 under the NGR 440(1)(c). Rule 440(1)(c) relates to an event upstream of an STTM distribution system that could reasonably be expected to adversely affect the supply of natural gas to that STTM distribution system. The upstream incident was due to a compressor issue on the EGP, impacting supply into the Sydney hub at the Horsley Park CTP. Jemena estimated there would be a 30TJ supply shortfall into the Sydney hub for 13 January 2016.

### 4 Event description

#### 13 January 2016 (All times are expressed in Australian Eastern Standard Time (AEST))

At 14:30, EGP's midline compressor at Mila tripped, and field staff and engineers were notified and dispatched. Field technician arrived on site and the compressor was restarted at 16:23. Despite restarting the compressor, pressure at Horsley Park continued to fall.

At 17:00, Jemena changed EGP's linepack status on the Gas Bulletin Board to Amber with the comment "Mid Line Compression issues – Possible risk to EGP Deliveries". Jemena determined that there was a risk of 20-40 TJ shortfall in nominations if the pressure drop trend continued.

At 17:30, Jemena notified AEMO to declare a CG trigger event. AEMO contacted Jemena to confirm details of the CG trigger event at 17:45.

As Jemena had advised AEMO that it believed a CG trigger event had occurred, in accordance with the NGR, AEMO commenced the CG process by publishing a notice of the occurrence of the CG trigger event and convening an assessment conference.

At 19:11, Jemena changed EGP's linepack status on the Gas Bulletin Board to Red for gas day 13 January and Amber for gas day 14 January.

The first assessment conference was held at 19:30 on 13 January 2016 with AEMO, the STTM Facility Operators (FO) and STTM distributors. Jemena estimated that there would be a shortfall of 30TJ for the Sydney hub for gas day 13 January 2016 due to the failure of a mid-line compressor. The assessment conference identified that renominations from the EGP to the Moomba to Sydney Pipeline (MSP) may alleviate the supply shortfall without the need to schedule CG.

An industry conference was held at 20:15 on 13 January 2016 with AEMO, Trading Participants (TP), STTM FOs and the STTM distributor. AEMO provided an update to the attendees of the current situation and informed attendees that an assessment conference had identified a supply shortfall of 30TJ on the EGP and advised that they are seeking renominations (from EGP to MSP) from Trading Participants to alleviate the shortfall of 30TJ.

At the second assessment conference at 22:00 on 13 January 2016, Jemena advised that they had received reduction in nominations of 11.8TJ (of the required 30TJ) on EGP and once minimum delivery pressures at Horsley Park are reached, gas flow will stop to hold minimum pressure. Flows on MSP will increase once this occurs. APA advised that they have received renominations onto MSP of 26.8TJ and is currently under delivering from scheduled quantity due to lower demand. They also noted that if flows on EGP were reduced, they will then catch-up to the original scheduled quantity as well as the new renominations due to them running on pressure control.

Jemena Gas Networks (JGN) was comfortable with information provided by both APA and Jemena. Based on information provided at the assessment conferences, AEMO determined and notified the market that no CG would be required at the Sydney hub for gas day 13 January 2016.



## 14 January 2016

Jemena was able to meet renominated deliveries for gas day 13 January 2016 as overnight demand at other pressure controlled sites along the EGP subsided and ambient temperatures fell assisting the efficacy of compression.

A final assessment conference was held at 10:00 on 14 January 2016:

- Jemena informed attendees that they were able to deliver the full revised nominations (initial nominations (30TJ) less 11TJ) for gas day 13 January 2016. They have compressor 'Unit A' on to help gas transportation to Sydney hub, and indicated that they are confident about meeting nominations for gas day 14 January 2016. They plan to turn on compressor 'Unit B' in the afternoon as contingency to minimise risk.
- APA indicated that MSP has good linepack and low nomination for gas day 14 January 2016 and therefore, can provide additional gas through re-nomination if required for gas day 14 January 2016.
- JGN indicated Sydney distribution's pressure and network activity are all within tolerance and operating as normal at this stage.

Based on information provided at the assessment conference, AEMO determined and notified the market at 11:37 that no CG would be required at the Sydney hub for gas day 14 January 2016.

At 15:39 on 14 January 2016, AEMO notified the market that the CG event for gas day 14 January 2016 was now closed following confirmation that the EGP linepack has been updated to 'GREEN' on the Gas Bulletin Board from gas day 15 January 2016.

## 5 AEMO's assessment

### 5.1 Actions taken by participants, facility operators, and AEMO

#### 13 January 2016

Jemena notified and dispatched their field staff and engineers immediately when their midline compressor at Mila tripped on EGP at 14:30. Their engineers trouble-shooted the issues remotely whilst field personnel were on route, in order to minimise the duration of unplanned outage.

Pressure at Horsley Park continued to fall despite restarting the compressor. Jemena determined that there was a risk of 20-40 TJ shortfall in nominations if the pressure drop trend continued. Jemena changed the linepack status on the GBB to Amber and notified AEMO to declare a CG trigger event at 17:30.

AEMO contacted Jemena to confirm details of the CG trigger event at 17:45. Since a trigger event for contingency gas had occurred as defined in Rule 440(1)(c), AEMO commenced the contingency gas process. The first activity was publishing a notice under Rule 441 that a trigger event had occurred and followed by convening a CG assessment conference in accordance with Rule 442.

At the industry conference, AEMO advised that they are seeking renominations from Trading Participants to alleviate the shortfall of 30TJ. There were no objections from STTM Trading Participants.

At the second assessment conference, APA advised that Trading Participants had renominated an additional 26.8 TJ on MSP and Jemena advised that Trading Participants had reduced nominations on EGP by 11.8TJ.

#### 14 January 2016

Jemena notified AEMO and STTM Shippers to confirm that all renominated quantities were delivered to the STTM for gas day 13 January as demand at other pressure controlled sites along the EGP subsided and ambient temperatures fell assisting the efficacy of compression overnight.

A combination of Trading Participants forecast errors, Trading Participants not renominating accordingly on MSP and EGP, and Jemena meeting their renominated deliveries exacerbated the total MOS decrease on MSP (42.8TJ). For a high level assessment of the market impact, refer to Section 5.2 of the report.

All parties acted reasonably in considering the event and exploring options and alternatives to scheduling contingency gas. As a result, Trading Participants had the option to renominate supply from the EGP to MSP negating the need for contingency gas to be scheduled. However, the equivalent amounts were not renominated causing additional MOS. This is discussed further in Section 5.2.

AEMO market communications operated as expected:

- MIS Report INT 666 - Market Notice Reports were published advising that: a contingency gas trigger event had occurred, when industry conference were to be held, and the contingency gas determination. The determination was also published on the AEMO website<sup>3</sup>.
- SMS and/or emails were also sent to participants advising them of the market notice content.

Whispir messaging service was used to advise (via email and SMS) contingency gas contact(s) of the facility operators and the distributor of contingency gas assessment conferences.

## 5.2 The effect of the reviewable event on the operation of the STTM

As there was no contingency gas scheduled, there are no market pricing impacts to report.

However, total MOS at the Sydney hub for gas day 13 January 2016 was 42.1TJ<sup>4</sup> of which 15TJ is directly attributable to the difference between renominations on MSP (26.8TJ increase) and EGP (11.8TJ decrease).

Total MOS service payments for gas day 13 January 2016 were \$586,003, comprising of \$466,277 of MOS service payments and \$119,726 of MOS overrun payments.

If participants had renominated a reduction of 26.8TJ on EGP to match the renominated increased supply on MSP, the MOS would have only been due to the participants' demand forecast error (ie. 27.7TJ over forecast). Total MOS at the Sydney hub would have been 27.7TJ. In this scenario, the estimated total MOS service payments would have been \$160,361.

In summary, the scenario with least MOS costs to market in the circumstances of this event would have been for equivalent renominations on both pipelines to have been made by participants.

## 5.3 Whether the provisions of Part 20 of the NGR were adequate to address the reviewable event.

In accordance with Division 8 of the NGR, the contingency gas process was initiated as a result of the occurrence of a trigger event and concluded with the assessment conference and subsequent notification that no contingency gas was required.

To the extent that the exercise of Division 8 was limited on this occasion, there is nothing to suggest that the provisions of Division 8 or Part 20 of the NGR more generally, are not adequate.

<sup>3</sup> The contingency gas determination can be found at: <http://www.aemo.com.au/Gas/Policies-and-Procedures/Short-Term-Trading-Markets/Contingency-Gas>

<sup>4</sup> Total MOS was made up of MOS decrease on MSP of 40.4TJ, MOS overrun on MSP of 2.4TJ and MOS increase on EGP of 0.68TJ.



## **5.4 AEMO's reasons for not scheduling price steps within a contingency gas bid or offer**

As no contingency gas was scheduled in this instance, this section is not applicable.

## Appendix A: Summary of Contingency Gas Process

This section provides a high level summary of the contingency gas process. For further information, please refer to Part 20, Division 8 of the NGR and associated provisions in the STTM Procedures. AEMO's technical guide<sup>5</sup> also provides an overview of the contingency gas process.

1. *Trigger Event*—the NGR prescribed four contingency gas trigger events (see rule 441).

STTM facility operators, STTM distributors, STTM shippers, or STTM users must notify AEMO of trigger events they become aware of as soon as practicable. If AEMO is notified of a trigger event, or AEMO considers an event has occurred, AEMO issues a notice advising the market.

The occurrence of a trigger event does not mean that contingency gas will be scheduled. Rather, it triggers an assessment process which may or may not lead to contingency gas being scheduled. If required, AEMO will call on the contingency gas bids and contingency gas offers submitted the day before the gas day, until the requirement is met or until the available contingency gas is exhausted.

2. *Assessment Conference*—if AEMO is notified of a trigger event, or AEMO considers an event has occurred, AEMO is required to convene an Assessment Conference with the relevant STTM distributor, STTM facility operators, and any other person whose attendance AEMO considers reasonably necessary.

At the assessment conference, information about the trigger event is exchanged, and an assessment is made of the operational requirements for the STTM distribution network and STTM facilities for the affected gas days. An assessment is also made as to whether contingency gas is likely be needed, and if so, what quantity of contingency gas might be required, and the location and timing for delivery of that contingency gas.

3. *Industry Conference*: If the assessment conference indicates that CG is required, AEMO can convene a wider industry conference to discuss the trigger event and possible responses to it. The outcomes of the CG assessment conference assessments will be available at this conference. Trading participants may discuss commercial response to the trigger event with AEMO. However, if AEMO considers contingency gas is urgently required, it may not have time to convene the industry conference before the time by which contingency gas needs to be called. In this case, AEMO may go straight to step 4.
4. *Contingency Gas Determination*: Following the conferences, AEMO must determine the requirement for contingency gas, if any, based on the information provided to it. This will include the location and timing of when contingency gas will be required.
5. *Confirmation of Contingency Gas bids and offers*: AEMO must carry out a confirmation process with trading participants who submitted contingency gas offers or bids to confirm the actual quantity of contingency gas they expect to be able to provide within the required time. The available quantity may be more or less than the submission. The trading participant can update the total quantity available, but the offer or bid price steps cannot be changed. Price steps will be marked as unavailable if the available quantity is reduced, or the last price step will be extended if the available quantity is increased.
6. *Scheduling Contingency Gas*: Subject to the information determined in step 5, AEMO then proceeds to schedule contingency gas. To rectify a supply shortfall, AEMO calls contingency gas offers in order of increasing cost. To rectify a supply surplus, AEMO calls contingency gas bids in order of decreasing price. Quantities called will not exceed the quantities confirmed in step 5. All contingency gas offers or bids called are recorded by AEMO for settlement purposes.

<sup>5</sup> Technical Guide to the STTM version 3.3, AEMO, 14 December 2011.

The technical guide can be found on AEMO's website at: <http://aemo.com.au/STTM/sttmgen.html>

7. AEMO continues to monitor the situation and liaise with participants until the situation is rectified. This response does not preclude the need for involuntary curtailment. AEMO may also request participants to reduce their response; however, this will be voluntary because responses may already be committed. If a provider is able to reduce its response, then AEMO will issue scheduling instructions and reduce the quantity of contingency gas called for settlement purposes.

## Appendix B: Detailed Chronology of the Contingency Gas Trigger Event

### Gas day 13 January 2016

Comments from	Time (AEST) (approximate)	Event/Action
<b>13 January 2016</b>		
Jemena	14:30	<p>Exceptionally warm day on the east coast of Australia, daily maximums were</p> <ul style="list-style-type: none"> <li>• 39.3 °C at Canberra Airport</li> <li>• 31.9 °C at Horsley Park Equestrian Centre AWS</li> <li>• 32.4 °C at Sale airport</li> </ul> <p>Jemena Eastern Gas Pipeline (EGP) Midline compressor at Mila (KP 289.69) tripped.</p> <p>Field staff and engineers notified/ dispatched.</p> <p>Jemena's investment in SCADA system allows engineers to trouble shoot issues remotely whilst field personnel are on route, minimising the duration of unplanned outages.</p>
Jemena	15:15	<p>Field technician arrived on site.</p> <p>Due to start of gas day line pack and the warm weather conditions, the continual operation of the Mila compressor was critical for Jemena in maintaining sufficient pressure at Horsley park as general compressor performance is less efficient at higher temperatures.</p> <p>Should the pressure of EGP fall below Jemena Gas Network (JGN) pressure, flow from the EGP will cease. This will depend on conditions within JGN at the time.</p> <p>Low pressure at Horsley Park also risks damage to station equipment in particular the filtration systems which could result in additional unplanned outages.</p> <p>Pressures began to fall at an accelerated rate as a result of the compressor trip.</p> <p>The nominations at Horsley Park for the day were 184,707GJ or ~8TJ/hr.</p>
Jemena	16:23	Mila compressor restarted.
Jemena	16:30	Despite restarting the compressor, pressure at Horsley Park continued to fall.
Jemena	17:00	Jemena line pack status on Gas Bulletin Board changed to Amber. With comment "Mid Line Compression issues - Possible risk to EGP Deliveries"
Jemena	17:30	<p>Following an assessment of the EGP, it was determined that there was a risk of 20-40TJ shortfall in nominations if the pressure drop trend continued.</p> <p>Jemena notified AEMO via the 24/7 contingency gas hotline that Jemena EGP is experiencing issues with pressure at Horsley Park and recommends a facility operator assessment conference to be held to determine if security of supply will be impacted for gas day 13th of January 2016.</p>
Jemena	17:45	AEMO control room called Jemena to confirm the status of the pipeline and informed Jemena that AEMO incident management were returning to site to initiate the conference process.
AEMO & Jemena	18:46	<p>AEMO notified the all Sydney STTM Participants that a CG trigger event had occurred via a market notice and also via email and SMS.</p> <p>AEMO called Jemena (AEMO also left a message at 18:35) to discuss cause of issue, impact on capacity, and current outlook.</p> <p>Jemena confirmed with AEMO that if this continues that Jemena is at risk of</p>

Comments from	Time (AEST) (approximate)	Event/Action
		potentially being short by up to 20-40TJ.
AEMO	19:04	Called APA Commercial Operations to determine status of Moomba to Sydney Pipeline and to advise that a CG Trigger Event had occurred.
Jemena	19:11	Jemena line pack status on Gas Bulletin Board changed to Red gas day 13th January 2016. Line pack status on Gas Bulletin Board changed to Amber gas day 14th January 2016.
AEMO	19:23	AEMO notified the STTM FO and Distributors via Whispir messaging service (using SMS and email) that an AC will be held at 19:30.
AEMO	19:30	Assessment Conference held: <ul style="list-style-type: none"> <li>Jemena provided summary of event</li> <li>JGN, APA and AGL Upstream provided an operational update</li> </ul>
AEMO	19:58	AEMO notified the market using email and SMS that an Industry Conference (IC) was to be held at 20:15 AEST.
AEMO	20:15	Industry Conference held: <ul style="list-style-type: none"> <li>Jemena and other facilities provided an update consistent with the 19:30 AEST Assessment Conference.</li> <li>AEMO's assessment that was conveyed during the industry conference, was that the expected shortfall to the Sydney STTM Hub could resolved through renominations. <ul style="list-style-type: none"> <li>APA and Jemena said they will facilitate renominations</li> <li>No objections from STTM Participants</li> </ul> </li> </ul>
AEMO	20:47	AEMO notified the STTM FO and Distributors via Whispir messaging service (using SMS and email) that an AC will be held at 22:00.
AEMO	21:41	APA called AEMO to advise the renominations to date were 18 TJ additional to the hub and an 8 TJ reduction in flow from the hub, so 26 TJ additional supply.
AEMO	21:53	Jemena called AEMO (responding to message) to advise that renominations to date were 11.8 TJ but still expecting to be short by 30 TJ on original scheduled quantity.
AEMO	22:00	Second Assessment Conference held: <ul style="list-style-type: none"> <li>APA renominations onto MSP of 26.8TJ, currently under delivering from scheduled quantity due to lower demand and running on pressure control. If EGP reduces flow then they can catch-up on original scheduled quantity as well as the new renominations.</li> <li>EGP reduction in nominations by 11.8TJ. They will hit Horsley Park minimum pressure sometime tomorrow morning and will stop flows to hold pressure, once this occurs MSP will increase flows and remain on pressure control.</li> <li>Camden on track to deliver schedule 12.4TJ</li> <li>NGS has no availability for deliveries today but could be available tomorrow if required.</li> <li>JGN are comfortable with the above situation with increased flows from MSP up to scheduled and renominated quantities as well as any increase MOS if required as MSP has sufficient linepack. If EGP hits MinOP at Horsley Park, then they will decrease flows creating decrease</li> </ul>

Comments from	Time (AEST) (approximate)	Event/Action
		<p>MOS.</p> <ul style="list-style-type: none"> <li>AEMO therefore makes a determination of zero CG and will have another assessment conference tomorrow morning at 11AM AEDT or 10AM AEST on 14 January 2016.</li> </ul>
AEMO	23:16	AEMO notified the market, via a market notice and also via email and SMS that contingency gas will not be required at SYD hub for gas day 13 January 2015 and the publication of CG determination to AEMO website.

### Gas day 14 January 2016

Comments from	Time (AEST) (approximate)	Event/Action
<b>14 January 2016</b>		
Jemena	6:30	Jemena was able to meet renominated deliveries for gas day 13th of January 2016 as overnight demand at other pressure controlled sites along the EGP subsided and ambient temperatures fell assisting the efficacy of compression.
AEMO	8:06	APA called AEMO to advise that APA had observed 40 TJ of reverse MOS and short delivery into the Sydney hub due to the MSP being backed out by high pressure in the JGN network. APA also advised that they had plenty of linepack in the MSP.
Jemena	8:52	Jemena notified AEMO and shippers to confirm that all renominated quantities were delivered to the STTM.
AEMO	8:52	AEMO notified the STTM FO and Distributors via Whispir messaging service (using SMS and email) that an AC will be held at 10:00.
AEMO	10:00	<p>Third Assessment Conference held:</p> <ul style="list-style-type: none"> <li>EGP indicated they made full revised nomination (initial nomination less 11TJ) for gas day 13 January 2016.</li> <li>APA indicated MSP has low nomination today and they have good linepack, thus can provide additional gas through re-nomination if required for gas day 14 January 2016.</li> <li>AGL indicated NGS could be ready to facilitate today if required but needs enough time for the facility to start. Camden is business as usual (BAU).</li> <li>JGN indicated Sydney distribution's pressure and network activity are all within tolerance and operating as normal at this stage.</li> <li>AEMO then requested for the conference to confirm that CG determination is made for gas day 14 January 2016 that we don't require CG at this stage.</li> <li>EGP agreed on this determination. However, they mentioned their Gas BB linepack will stay amber until their compressor 'B' is on in the afternoon.</li> <li>AEMO indicated we should not close the event until linepack is back to green.</li> <li>Everyone agreed in this approach and meeting was concluded based on AEMO sending out a determination of CG requirement of zero for the gas day 14 January 2016, and will send out another notification of 'CG event closed' once the Gas BB EGP linepack is back to green.</li> </ul>



<b>Comments from</b>	<b>Time (AEST) (approximate)</b>	<b>Event/Action</b>
AEMO	11:37	AEMO notified the market, via a market notice and also via email and SMS that contingency gas will not be required at SYD hub for gas day 14 January 2015 and the publication of CG determination to AEMO website.
AEMO	14:49	Jemena called AEMO (responding to message) to provide an update on compressor availability (that one of the compressors would not return until at least tomorrow), so the linepack flag would remain Amber for the current day, but was Green for Gas Day 15 January 2016.
AEMO	15:39	AEMO notified the market using email and SMS that the CG event for Sydney hub is now closed.