



# AEMO WA Operations Report

**Australian Energy Market Operator (AEMO)**  
**January 2017**

## Security Classification

---

## Authorisation

**Client Name** Australian Energy Market Operator (AEMO)  
GRMS (WA) Operations  
**Report Title** AEMO WA Operations Report  
**Reporting Period** January 2017  
**Project Reference** 00048513  
**Version Date** 8 February 2017  
**Version Number** V1.0  
**Provided By** CGI Technologies and Solutions Australia Pty Ltd.  
ABN 39 001 260 699

### Contact

*Name* Geraldine Mauro  
*Title* Operations Manager  
*Telephone* 02 8062 3324  
*Email* Geraldine.Mauro@cgi.com

### Approved by

*Name* Cathy Langman  
*Title* Regional Delivery Manager (NSW)

Version no.	Date	Change details	Author
0.1	02 Feb 2017	Draft for Review	Geraldine Mauro
1.0	08 Feb 2017	Release version	Cathy Langman

	Company	Name(s)	Company

Copyright © CGI Technologies and Solutions Australia Pty Ltd. 2015

This report and its contents are the confidential property of CGI Technologies and Solutions Australia Pty Ltd.. This report is prepared for the sole and exclusive use of GRMS (WA) Operations and therefore, is considered to be proprietary by CGI Technologies and Solutions Australia Pty Ltd.. It may not be made available to anyone other than the addressee or persons within the addressee's organisation who are designated to read this report; nor may it be copied, reproduced, modified, altered, or circulated to any third party, in any form or media, without the prior written consent of CGI Technologies and Solutions Australia Pty Ltd.

All rights are reserved.

## Security Classification

---

# Table of Contents

<b>1</b>	<b>Operational Issues.....</b>	<b>4</b>
1.1	GRMS ORIGINATING ISSUES.....	4
1.2	MARKET ORIGINATING ISSUES.....	4
1.2.1	DELAYED MARKET REPORTS ON 25 <sup>TH</sup> JAN 2017 – IR-AEMO-0082 .....	4
1.3	OPERATIONAL RISKS.....	5
<b>2</b>	<b>GRMS Scheduled / Unscheduled Events .....</b>	<b>6</b>
2.1	SCHEDULED EVENTS.....	6
2.2	UNSCHEDULED EVENTS.....	6
2.3	SYSTEM AVAILABILITY SUMMARY .....	6

---

# 1 Operational Issues

This section of the report outlines any operational issues encountered by the GRMS or the operational team during the month which either impacted, or had the potential to impact the delivery of WA GRMS services.

## 1.1 GRMS Originating Issues

This section describes operational issues which originated from the GRMS and had a direct impact either on the WA market, CGI's service levels or AEMO's adherence to the Retail Market Procedures (RMP).

There are no GRMS operational issues to report this month.

## 1.2 Market Originating Issues

This section describes operational issues which originated from outside the bounds of the GRMS which caused subsequent market impact or required significant input from the CGI operational team to resolve. Market originating issues may also have had an impact on CGI's service levels and AEMO's adherence with the RMP although in most cases, CGI will claim concession from service failures resulting from issues described in this section.

There is one Market originating issue to report this month.

### 1.2.1 DELAYED MARKET REPORTS ON 25<sup>TH</sup> JAN 2017 – IR-AEMO-0082

On the morning of 25<sup>th</sup> January 2017 a TFR-REQ transaction from a user for a MIRN on the Albany (1315) sub-network completed. The user did not have a Shipper on the Albany sub-network and the gas day calculation process failed because it could not allocate gas on the Albany sub-network. CGI Help Desk identified the problem, contacted AEMO for approval to Error Correct the TFR-REQ transaction and re-ran calculations for gas day 24<sup>th</sup> Jan 2017. Reports were sent out to participants at 4:55 WST,

#### Market Impact:

- 10 BID-PUB reports breached RMP 286
- 15 MCP-TANUSA reports breached RMP 288(1)
- 15 MCP-TSS reports breached RMP 287(1)
- 26 SHGA reports breached RMP 252(2)
- 16 SRQ reports breached RMP 299(1)
- 18 SS reports breached RMP 300(1)
- 7 UETW reports breached RMP 300(2)(f)
- 7 UHSA reports breached RMP 252(1)(c)
- 5 USS reports breached RMP 300(2)(a)

---

**SLA Impact:**

- 10 BID-PUB reports failed SLA primary and tertiary thresholds
- 15 MCP-TANUSA failed SLA primary and tertiary thresholds
- 15 MCP-TSS failed SLA primary and tertiary thresholds
- 26 SHGA failed SLA primary and tertiary thresholds
- 16 SRQ reports failed SLA primary and tertiary thresholds
- 18 SS reports failed SLA primary and tertiary thresholds
- 7 UETW reports failed SLA primary and tertiary thresholds
- 7 UHSA reports failed SLA primary and tertiary thresholds
- 5 USS reports failed SLA primary and tertiary thresholds

CGI identified that the Verification of Shipper functionality implemented in CR126 – Verification of Shipper on sub-network was applied on 12<sup>th</sup> Nov 2013 to all WA sub-networks including the Albany and Kalgoorlie sub-networks. These two sub-networks were uncovered sub-networks and the verification of shipper prevented Meter Fix Notifications from being processed. When this issue arose, CGI removed the verification of shipper on Albany, Kalgoorlie and The Vines sub-networks. This situation has not been changed since that time. Albany and Kalgoorlie were brought into the reconciliation process in Feb 2015 to provide ATCO Gas with UAFG values for the sub-networks.

CGI proposes to restore the verification of shipper on the Albany and Kalgoorlie sub-networks to prevent a recurrence of this incident.

## 1.3 Operational Risks

Operational risks are situations which, if not managed appropriately may become operational issues which have the potential to impact CGI, AEMO or the WA market. Current risks which CGI are managing and of which AEMO should be aware are described below.

No new operational risks have been identified.

## 2 GRMS Scheduled / Unscheduled Events

### 2.1 Scheduled Events

The following table details all scheduled events that may have affected GRMS availability during the calendar month. Events were performed during agreed downtime periods and therefore were implemented with minimal impact to participants.

Scheduled events which have the potential to impact participants are planned to take place outside of WA business hours on a best endeavours basis or at a time agreed with participants. Times shown are EST. It should be noted that only those events which involve the ebXML or FTP gateways have an impact on the market from an availability perspective.

Name	Description	Date	Time	Mins	Ref
WA GRMS	Microsoft Security Patching	02-Feb-2017	17:00	180	CR/REM/0387

### 2.2 Unscheduled Events

The following table details unscheduled events for the calendar month. Outage minutes exclude time during agreed maintenance periods. It should be noted that only those events which involve the ebXML or FTP gateways have an impact on the market from an availability perspective.

Name	Description	Date	Time	Mins	Ref
-	-	-	-	-	-

### 2.3 System Availability Summary

During the month, there were 31 days resulting in the following availability metrics as defined in the SOSA:

TPA (Total Possible Availability) = 37,200 minutes

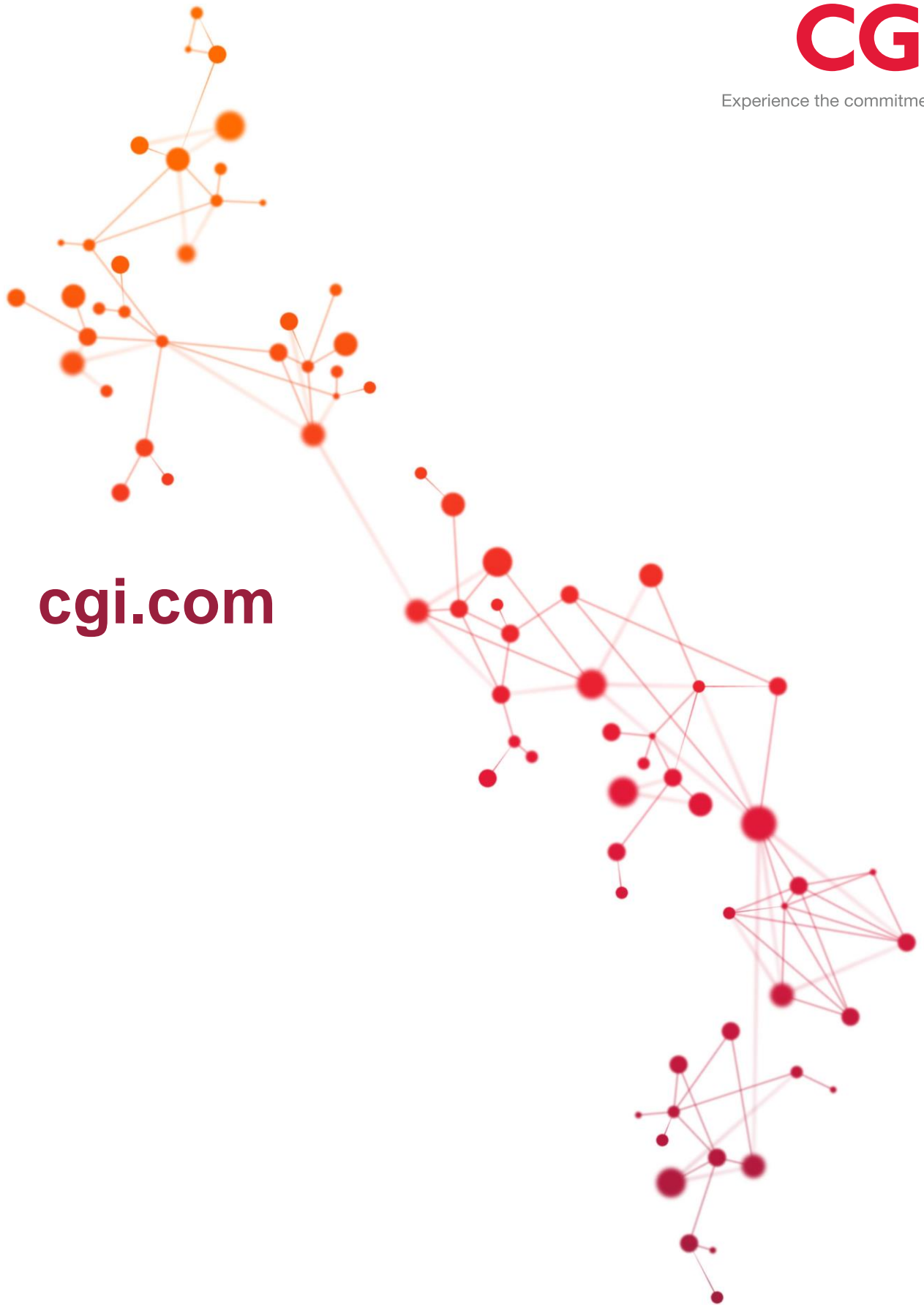
(Based on 20hrs per day 03:00 until 23:00 each day)

GAPS (Intervals of unscheduled downtime) = 0 minutes

SAM (Scheduled & Agreed Maintenance) = 180 minutes

The SLA requires market system availability of 99.6%

The market system was available for a total of **37,200 minutes** once scheduled and agreed maintenance is excluded. This equates to an overall availability of **100.00%**



## Security Classification