

GSI: Test of the Emergency Management Facility (EMF)

8am 2 December 2013 – 6pm 3 December 2013

Agenda


- Planning of Test
- Activation of EMF – 2 December
- Data Requested during the test
- What the EMF Screen looks like: EMF Home Screen
- Response to EMF Test
- What went well?
- What could be improved?

Planning of Test

- Public Utilities Office (PUO) coordinated with IMO to plan first test of Emergency Management Facility (EMF).
- EMF test was planned in advance between PUO and IMO.
- Participants were given notice of planned test.
- Purpose of test was to:
 - Test Communication Protocol between Coordinator of Energy and the IMO.
 - Give GBB participants opportunity to test their internal procedures regarding the EMF.
 - Identify any issues/improvements for EMF prior to the start of the summer period.

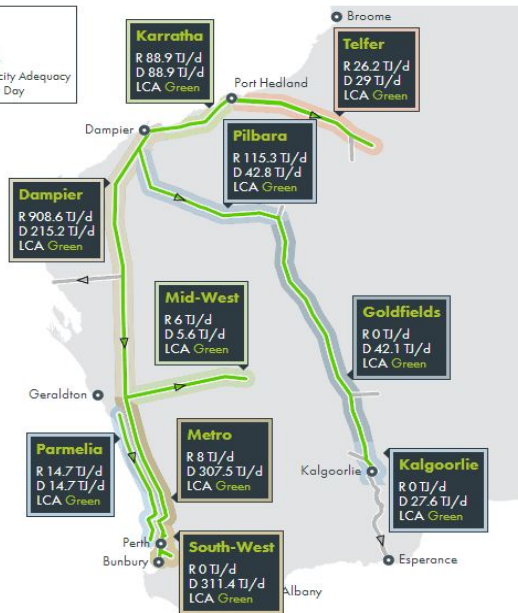
Activation of EMF – 2 December 2013

- Assistant Director of Emergency Management at PUO issued an EMF Direction to Activate the Test of the EMF at 7.35am.


LOG IN
EMF IS ACTIVE

HOME
NETWORK
PARTICIPANTS
STANDING DATA
REPORTS
DOCUMENTS

Legend
 R - Forecast Receipt
 D - Forecast Delivery
 LCA - Linepack Capacity Adequacy
 TJ/d - Terajoules per Day



Dampier to Bunbury Pipeline
 Capacity: 845 TJ/d
 Zones: Dampier, Metro, South-West

Goldfields Gas Pipeline
 Capacity: 155 TJ/d
 Zones: Pilbara, Goldfields, Kalgoorlie

Midwest Pipeline
 Capacity: 10.6 TJ/d
 Zones: Mid-West

Pilbara Energy Pipeline
 Capacity: 166 TJ/d
 Zones: Karratha

Parmelia Gas Pipeline
 Capacity: 65.4 TJ/d
 Zones: Parmelia

Telfer Pipeline
 Capacity: 29 TJ/d
 Zones: Telfer


Gas Production Capacity
 Beharra Springs Gas Production Facility: 12 TJ/d
 Devil Creek: 220 TJ/d
 Dongara Production Facility: 7 TJ/d
 Karratha Gas Plant: 630 TJ/d
 Macedon: 200 TJ/d
 Varanus Island: 390 TJ/d

Mondarra Gas Storage Facility
 - LCA: Green
 - Receipt Capacity: 70 TJ/d
 - Delivery Capacity: 119.6 TJ/d
 - Receipt Nomination: 0.5 TJ/d
 - Delivery Nomination: 0.5 TJ/d

Data Requests During Test

- **Day 1 – 7.35am** : Original EMF Direction requested that GBB Facility Operators provide the following data:
 - Pipeline Operators: Submit Actual Flows data for Gas Day D at 9am on D+1, and update this data at 12pm daily.
 - Operators of Large User Facilities Capable of using *Alternative Fuels*: provide an update on the stocks of these fuels by 9am daily.
- **Day 1 – 3.15pm**: EMF Modification requesting additional data:
 - All Operators of Large User Facilities: Provide update of current percentage output of their facility by 6pm on Day 1, and 12pm on Day 2.
- **Day 2 – 9.00am**: EMF Modification requesting:
 - DBP: Provide update on number of compressor stations running at 10am.
- **During test**: IMO asked to provide information on locations of GBB Facilities.
- **During test**: EMF Users were added at the request of the PUO, and given varying levels of access to the EMF.
- **Day 2 – 5.30pm**: EMF Direction to deactivate EMF and cease data requests.

What EMF looked like: EMF Home Screen



- REGISTRATION ▾
- ACCESS CONTROL ▾
- COMMUNICATION ▾

- SUBMISSIONS
- EMERGENCIES
- ADMINISTRATION ▾

USER: DENTONR ▾

EMF IS ACTIVE
GO TO EMF →

- HOME
- NETWORK
- PARTICIPANTS
- STANDING DATA
- REPORTS
- DOCUMENTS

Emergency Management Facility

Notices Templates Actual Flows Alternate Fuels Emergency Standing Data Ad-hoc Data


02/12/2013
101.0 kb

TEST - EMF Direction

The Coordinator of Energy has directed the IMO to activate the Emergency Management Facility for the purpose of testing. The test will run until 1800 on Tuesday 3 December 2013.


02/12/2013
101.0 kb

TEST - EMF Direction 02122013

The Coordinator of Energy has directed the IMO to activate the Emergency Management Facility for the purpose of testing. The test will run until 1800 on Tuesday 3 December 2013.


02/12/2013
161.2 kb


Test EMF direction Modification

The Coordinator of Energy has modified the Emergency Management Facility direction for the purpose of testing. All large users will need to update Adhoc information.


03/12/2013
161.7 kb


Test EMF Direction Modification - 9am 3 December 2013

null



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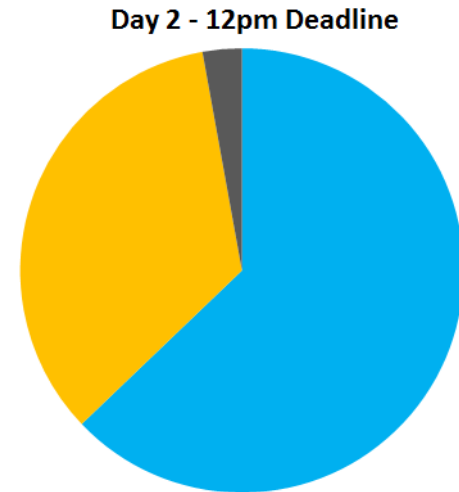
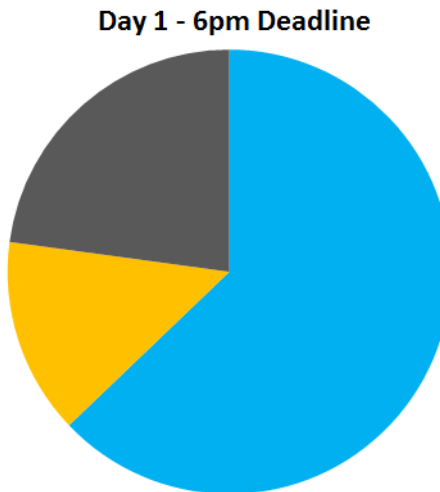
For information on gas flows in other Australian states visit 

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Response to EMF

- Participants responded well to data requests for EMF.
- Pipeline Operators submitted all required data on time.
- Large User Facility Operators:
 - Out of 17 Large User Facilities with alternative fuels to gas, 9 submitted data as requested, 6 after the 9am deadline, and 2 failed to submit any data.
 - Large User Facilities showed huge improvement in data submission between Day 1 and Day 2 of the EMF:

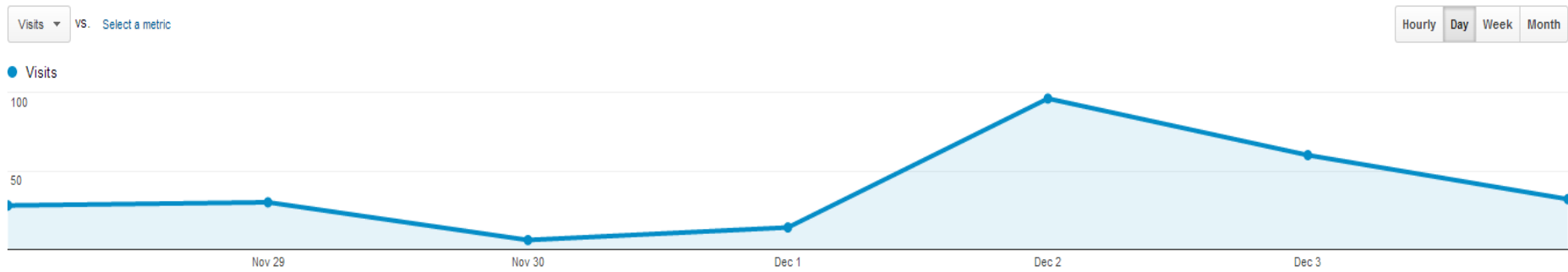
Out of 35 Facilities, only 1 missed its submission obligation by the second day.



Submitted on time
Submitted late
No submission

What went well?

- Communication between PUO and IMO was a success. All issued EMF Directions were executed thoroughly.
- GBB Facility Operators responded quickly to requests for data, and many actively contacted the IMO to clarify their obligations.
- The EMF page worked as designed, and EMF users were only able to access information that they had been granted by the PUO.
- There was a spike in visitors to the GBB during the test:



What could be improved?

- Some GBB Facility Operators were unsure of what format their data updates should be in (example: units that stock of alternative fuel should be in, etc)
 - For future EMFs, IMO and PUO will be reviewing templates sent out to participants.
- Some Administrative Users for GBB Participants could not be contacted by the IMO on the day, and some Administrative Users were not in a position to provide the data in a timely manner.
 - The IMO may request that GBB Participants provide a second Administrative Contact
- Some users added to the EMF were unfamiliar with the GBB and how to navigate the website.
 - The IMO plans to create a shorter user guide to assist newly added users to navigate the EMF and GBB.

In conclusion

- First EMF test was considered a success.
- Any non-compliance with data requests will not be investigated, but may be in future tests.
- Next EMF test will be held in 2014.
 - Test may be unplanned and no notice given.
- If you have any questions/suggestions for the EMF, please contact IMO Market Operations at operations@imowa.com.au or (08) 9254 4336.