Overview of the GBB Emergency Management Facility (EMF)

Michael Thompson
Analyst, WA Market Operations

Purpose & Agenda

Purpose: To provide Gas Market Participants with an overview of the processes to be followed during an activation of the GBB Emergency Management Facility (EMF).

AEMO anticipates there may be a test activation of the GBB EMF during 2021.

Agenda

- Overview of the EMF
- EMF Process Overview
  - EMF Direction
  - EMF Activation
  - EMF Data Provision Requirements
  - EMF Variations and Deactivation
- EMF Summary
- Q&A

AEMO
AUSTRALIAN ENERGY MARKET OPERATOR

Background - Emergency Management Facility

- The Emergency Management Facility (EMF):
  - is an online information service that is part of on the Gas Bulletin Board (GBB);
  - provides an efficient and automated means of collecting and sharing information to assist in the management of a gas supply disruption; and
  - is activated by an EMF Direction from the Coordinator of Energy.
- In general, there are **two reasons** that lead to the **activation** of the **EMF**:
  1. There has been a gas supply disruption*; or
  2. The Coordinator of Energy is conducting a **test** of the EMF in line with the GSI Rules.
- Further information on how the EMF is to be operated can be found in Part 5 of the GSI Rules.

* The Coordinator of Energy as the Hazard Management Agency for gas, liquid fuel and electricity supply disruptions. Under the Coordinator of Energy's direction, Energy Policy WA develops and maintains the State Hazard Plan and operational procedures for managing supply disruptions, and carries out regular exercises.

EMF Processes

EMF Direction

- The EMF is activated by the Coordinator of Energy issuing an **EMF Direction** to AEMO.
- The EMF Direction will provide:
  - A reason for the activation (emergency or test).
  - Publishing instructions.
  - Specify what data AEMO must request (if any) from Gas Market Participants for publication on the EMF.
  - Provide a list of people that should be provided access to the data collected by AEMO (e.g. EPWA Emergency Management team).

AEMO

Government of Western Australia
Department of Finance
Public Utilities Office

GBB(WA) EMF Direction

Date: dd/mm/yyyy Time: hh:mm

Action Required:

EMF ID:

Nature of Activation:

If modification is required, the **Modification Number**:

Please provide a brief explanation of the nature of the activation for publication on the GBB:

AEMO is authorised to publish this EMF direction on: GBB EMF

If this direction is a Modification, please complete the following section (otherwise, leave blank):

	Modify
Public Message:	
Standard EMF Data:	
Ad Hoc Data:	
Access to the EMF:	
Other GBB Information:	

Please only fill in the sections in that have been ticked on this direction.

Example EMF Direction Template

AEMO
AUSTRALIAN ENERGY MARKET OPERATOR

EMF Processes

EMF Activation

Once the direction is received, AEMO will:

1. Activate the EMF on the GBB; and
2. Issue a GBB (WA) Market Message to Registered Participants to advise of the activation and the data collection requirements.

Access to the EMF will be via the **GBB website** and a **icon** will appear on the GBB website when the EMF has been **activated**.

AEMO

Gas Bulletin Board (WA) market message

Dear Gas Market Participants,

Please be aware of the following message and its status mentioned below:

Time of Message

15/04/2017 22:57 WST

Information

Please be advised that the Emergency Management Facility (EMF) on the Gas Bulletin Board (GBB) (WA) has been activated at the direction of the Coordinator of Energy.

The EMF is currently active as at 15/04/2017 22:40 WST.
Registered GBB (WA) Facility Operators must do the following:

- All GBB (WA) Facility Operators: Check that Facility Standing Data on GBB (WA) is up to date. If not, update Standing Data in GBB (WA) through the "Capacities" screen.
- Pipeline Operators: until otherwise notified please provide the following information:
  - By 9:00am on Gas Day D+1: interim Daily Actual Flow data for Gas Day D.
  - By 12:00pm on Gas Day D+1: updated Daily Actual Flow data for Gas Day.
  - Please submit this data as normal through the "Submission" screen in the GBB (WA).
- Large Users capable of using alternative fuels: until otherwise notified please provide:
  - By 9:00am: quantity and type of alternative fuel(s).
  - By 9:00am: time required to commence using alternative fuel.
  - By 9:00am: period of time that the facility can operate using alternative fuel.
  - Please submit this data using the template attached to this email.

Support Information

If you have any queries about this notification please contact the AEMO Market Operations (WA) team at wa.operations@aemo.com.au or on (08) 9254 4336.

GBB (WA) users granted access to the EMF will see this icon and can access the EMF by clicking "Go to EMF".

Visitors to the GBB site will see this icon and pop-up notice.

AEMO
AUSTRALIAN ENERGY MARKET OPERATOR

EMF Process

EMF Data Provision

- The GBB (WA) Market Message will advise of the **data collection requirements**.
- The GSI Rules specifies that data that must be provided by Gas Market Participants/
- The Coordinator of Energy may at any time during an active EMF **request additional ad hoc data** to be provided.

Standing Data - All GBB Facility Operators

- Check that Facility Standing Data on GBB is up to date in the GBB "Capacities" screen.

Daily Actual Flows - Pipeline Operators (GSI Rule 97(2)(b)):

- By 9:00am on Gas Day D+1: interim Daily Actual Flow data for Gas Day D.
- By 12:00pm on Gas Day D+1: updated Daily Actual Flow data for Gas Day.
- Data is submitted as normal through the "Submission" screen in the GBB.

Alternate Fuel Data - Large Users (GSI Rule 97(2)(c)):

- By 9:00am: quantity and type of alternative fuel(s), time required to commence using alternative fuel and period of time that the facility can operate using alternative fuel.
- Data is submitted by email using a prescribed excel template.

Ad Hoc Data - All GBB Participants (GSI Rule 97(2)(a)):

- At the discretion of the Coordinator of Energy.
- Examples may include amount of gas currently held in a Storage Facility, detailed planned maintenance information or information on the daily capacity outlook for > 7days
- Data is submitted by email using a prescribed excel template.

AEMO
AUSTRALIAN ENERGY MARKET OPERATOR

EMF Processes

EMF Variation or Deactivation

- The Coordinator of Energy may vary the EMF direction at any time. A EMF variation may:
  - amendment the data required to be provided by Gas Market Participants; or
  - provide status updates on the incident for publication on the GBB.
- When the EMF is deactivated, the Coordinator of Energy submits a EMF direction and AEMO sends Gas Market Participants a GBB Market Message.
- Gas Market Participants are encouraged to actively monitor their emails for GBB Market Messages.

AEMO
AUSTRALIAN ENERGY MARKET OPERATOR

Gas Bulletin Board (WA) market message

Dear Gas Market Participants,

Please be aware of the following message and its status mentioned below:

Time of Message

19/04/2017 08:45 WST

Information

Please be advised that the test Emergency Management Facility (EMF) on the Gas Bulletin Board (GBB) has been deactivated at the direction of the Coordinator of Energy.

GBB (WA) Facility Operators are no longer required to provide EMF Information to AEMO.

AEMO thanks all Gas Market Participants for their efforts during this period.

Support Information

If you have any queries about this notification please contact the AEMO Market Operations (WA) team at wa.operations@aemo.com.au or on (08) 9254 4336.

EMF Process

Summary

01 EMF Activation

AEMO to send GBB (WA) Market Message sent to Gas Market Message distribution list.

Notified parties can access the EMF on the GBB website.

02 EMF Event

Gas Market Participants to:

- submit information as required and follow instructions outlined in the GBB (WA) Market Message.
- regularly check for GBB (WA) Market Messages.

AEMO to monitor administer EMF.

03 EMF Deactivation

AEMO deactivate the EMF and notify all relevant Registered Participants via a GBB (WA) Market upon receiving an EMF Direction from the Coordinator of Energy.

Questions and Feedback

Market Operations

wa.operations@aemo.com.au

1300 989 797

AEMO
AUSTRALIAN ENERGY MARKET OPERATOR