

EXERCISE MATATAU

Exercise Matatau - Status Update Notice

Date:	8 May 2019
Time:	12.50pm
Notice Number:	CC-0053 (Exercise Matatau)
Notice Type:	Status Update
Notice Issued to:	Stakeholders listed in Information Guide
Notice Copied to:	First Gas TSO
Date and Time Critical Contingency Declared:	09:27am on 8 May 2019
CCO determination on Regional Critical Contingency Status:	Non-Regional
Critical contingency precipitated by:	<p>A significant reduction in gas supply to the First Gas transmission system due to unplanned outages at the Pohokura, McKee, Mangahewa, Turangi and Kowhai Production Stations in Taranaki.</p> <p>Loss of production due to a power outage caused by a localised tornado that has damaged both the 33KV and 11KV networks in the Tikorangi area in Taranaki.</p>
Geographic area or areas affected:	All areas.
Details of Event resolution:	<p>Powerco has advised that the damaged overhead power lines will take 60 hours to repair.</p> <p>OMV, the operator of the Pohokura Production Station has advised that;</p> <p><i>"No damage to the production station has occurred, however production cannot restart until power is reinstated and the plant has been made safe."</i></p> <p>Todd Energy, the operator of the McKee/Mangahewa Production Stations has advised that:</p> <p><i>"The loss of 33Kv and 11Kv power supply from Power Co to the McKee & Mangahewa production station has activated a total plant shutdown. The low pressure production train (McKee plant) has been restarted via emergency generator supply and is now delivering only 18 TJ/d to the gas transmission system.</i></p> <p><i>This constraint will remain until either 33Kv power supply is restored or a 500kVA generator can be sourced. Once power is restored, estimation is 3-4 hours before additional gas will be available to flow to gas transmission system with a further 30-36 hours before maximum flow (flow rate before outage) would be obtained."</i></p>

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Estimated Time to repair underlying problem (if known):	Approximately 60 hours from when the critical contingency was declared.
CCO actions being taken to stabilise the gas system:	<p>The CCO has declared a Critical Contingency and issued curtailment instructions to the industry to balance the supply and demand in the affected areas of the transmission system.</p> <p>These instructions will remain in effect until the underlying issue affecting supply is resolved.</p>
Curtailment Directions issued by CCO and types of consumer installations affected:	<p>The CCO has issued curtailment instructions as follows:</p> <ul style="list-style-type: none"> • All consumers in Bands 0 to 2 have been instructed to stop using gas immediately. • Consumers in Bands 3 and 4 have been instructed to stop using gas immediately, or in accordance with their critical processing designations where they apply <p>This curtailment instruction affects:</p> <ul style="list-style-type: none"> • Gas storage facilities in Band 0 • Petrochemical processing plants in Bands 1 and 2 • Gas fired electricity generating stations in Bands 1 & 2 • All large industrial and commercial consumers in Bands 3 such as steel mills, dairy factories, pulp & paper processing, manufacturers, etc. • All industrial and commercial consumers in Band 4 such as large fast food outlets, large retail and leisure facilities and glass houses <p>Consumers in Bands 5, 6 and 7 are not affected.</p>
Estimated time and nature of revised curtailment directions:	The CCO is monitoring the impact of the curtailment instructions in balancing the transmission system. If the current load curtailment is not sufficient to stabilise the transmission system, then further curtailment may be required.
Estimated restoration schedule (if known):	Restoration instructions will be provided when gas supply in to the transmission system is restored.
Other Information:	None

This notice is supplementary to the other notices issued by the CCO during a critical contingency.

This notice does not contain any directions or declarations and is published to provide more information and forecasts about the status of the critical contingency.

The information contained in Status Update Notices is based on the best information/knowledge available to the CCO at the time of publication and may vary over the duration of the event as the situation changes/develops.

The CCO will issue this Status Update to the stakeholders listed in the CCO Information Guide and publish this notice on the CCO web site at <http://www.cco.org.nz>