

## Notice of a Threat to System Security

Reference: *National Gas Rules (NGR), Part 19, Division 5, Subdivision 5, Notice of Threat to System Security*

Under rule 341 of the NGR, AEMO is notifying participants of a threat to system security in the Declared Transmission System, identified in the 2017 Victorian Gas Planning Review.

(Available here: <https://www.aemo.com.au/Gas/National-planning-and-forecasting/Victorian-Gas-Planning-Report>)

AEMO advises that the threat to system security is:

- Potential for gas supply to be incapable of meeting forecast gas demand at the Warragul Custody Transfer Meter (CTM).

DTS expansion work is required to support increased commercial and residential demand supplied by the Warragul CTM. AEMO forecasts show that if investment is not implemented by winter 2019 to support these demand increases, there is a high likelihood of Tariff D curtailment on a peak system demand day. The forecast instantaneous demand that can be supported at Warragul CTM is up to 400 gigajoules per hour (GJ/h). AEMO has identified this as a threat to system security.

The potential for curtailments is expected to start from 01/06/2019, and will remain until a system augmentation is completed or there is a reduction in forecast demand.

The threat to system security is likely to impact:

- |                                     |                           |                          |                           |
|-------------------------------------|---------------------------|--------------------------|---------------------------|
| <input type="checkbox"/>            | Total System              | <input type="checkbox"/> | Melbourne Withdrawal Zone |
| <input checked="" type="checkbox"/> | Gippsland Withdrawal Zone | <input type="checkbox"/> | Northern Withdrawal Zone  |
| <input type="checkbox"/>            | Geelong Withdrawal Zone   | <input type="checkbox"/> | Ballarat Withdrawal Zone  |
| <input type="checkbox"/>            | Western Withdrawal Zone   |                          |                           |

A market response is not expected to be able to alleviate this issue.

If a peak system demand day occurs during winter 2019 and the proposed system augmentation is not completed, AEMO forecasts that sufficient supply cannot be maintained to meet demand at Warragul CTM:

- If the peak demand is forecast before the gas day, AEMO will curtail Tariff D load in Warragul to maintain system security, consistent with the *Gas Load Curtailment Rationing and Recovery Guidelines*. If the instantaneous demand forecast exceeds 400 GJ/h, approximately 50 GJ/h of demand reductions would be required, between 6:00 to 10:00 AEST.
- If the peak demand is unforecast, Warragul minimum supply pressure will be breached, creating potential public safety issues due to air ingress into the distribution network.

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Matthew Clemow  
(Acting) Group Manager Gas Real Time Operations  
Australian Energy Market Operator