



# **Vector Gas Transmission**

## **Proposed Critical Contingency Management Plan**

**Draft for consultation**

**Prepared in accordance with the Gas Governance (Critical Contingency  
Management) Regulations 2008**

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# 1. Introduction

## 1.1 Purpose

This proposed Critical Contingency Management Plan (CCMP) has been prepared by Vector Gas Limited (Vector) in compliance with its obligations as a Transmission System Owner (TSO) under the Gas Governance (Critical Contingency Management) Regulations 2008 (the Regulations).

The stated purpose of the Regulations is "to achieve the effective management of critical gas outages and other security of supply contingencies without compromising long-term security of supply" (Regulation 3).

All capitalised terms in this CCMP have the same meaning as those terms in the Regulations.

## 1.2 Scope

The content to be included in a CCMP is specified in Regulation 25 covering the following elements:

- (a) Information relating to the thresholds that will be used by the Critical Contingency Operator (CCO) to determine whether or not a Critical Contingency should be declared.
- (b) A description of the events which Vector considers may result in a breach of the thresholds.
- (c) Actions that Vector could take to remedy a breach of the thresholds.
- (d) A process based on schedule 2 of the Regulations outlining the manner in which curtailment and restoration arrangements will be implemented during a Critical Contingency.
- (e) A communications plan which includes a description of the types, mode, and timing of communications initiated and received by Vector before and during a Critical Contingency.
- (f) Contact details of suitably qualified personnel at Vector who will be responsible for receiving communications from the CCO and giving directions in accordance with the CCMP.
- (g) A description of the circumstances under which Vector may choose to restore supply to the Vector pipeline in an order different from that described in the curtailment arrangements specified in the Regulations including reasons changing this order would better achieve the purpose of the Regulations and objectives of the specified curtailment arrangements.
- (h) A process outlining the manner in which Critical Contingency imbalances will be calculated for each affected party.
- (i) A list of contact details for the parties specified in Regulation 25(i).
- (j) A description of how transmission system information referred to in Regulation 38 will be provided by Vector to the CCO.

- (k) Any other items appropriate to give effect to the purpose of the Regulations.

It is also a requirement that the CCMP is consistent with VTC arrangements.

The scope of the CCMP reflects the distinction between the roles of the CCO and the role of Vector as a TSO during a Critical Contingency. These roles are defined in the Regulations. Vector's role as a TSO during a Critical Contingency is to comply with the directions of the CCO. Based on these directions Vector must issue directions to retailers and large consumers in accordance with the Regulations, and in a manner consistent with this CCMP and the CCO communications plan.

### **1.3 Relationship with Vector Transmission Code**

The Regulations define the relationship between a TSO CCMP and its operating code as follows:

- Regulation 25(2) *"A proposed critical contingency management plan must be consistent with MPOC, VTC, or any other transmission system code except to the extent necessary to comply with these regulations."*
- Regulation 13(2) *"MPOC, VTC, and any other transmission system code must be read subject to these regulations."*
- Regulation 81(1) *"A payment under these regulations in relation to a contingency imbalance discharges in full any payment obligation or liability under MPOC, VTC, or any other transmission system code in respect of the same contingency imbalance."*
- Regulation 81(2) *"This regulation does not limit regulation 13(2) and (3)."*

### **1.4 Consultation**

The proposed CCMP will be submitted to GIC following consultation with those parties identified as being affected by the proposed plan.

## **2. Pre-Critical Contingency**

### **2.1 Imminent Critical Contingency**

The VTC sets out Vector's rights and obligations ahead of, and to some extent during, a Critical Contingency. Consistent with the VTC, if Vector suspects that an Emergency<sup>1</sup> will occur (and a curtailment or shutdown is necessary), it will give notice to Shippers as early as reasonably practicable prior to such curtailment or shutdown of Vector's intention to take such action.

If such an Emergency looks like it may result in a breach of a threshold for the Vector pipeline then Vector will also notify the CCO.

### **2.2 Likely events that may cause threshold breaches and remedy actions**

The following events may result in a breach of a Critical Contingency threshold:

- Loss or reduction of supply from a gas producer or interconnected pipeline.
- Loss or reduction in compression capacity.
- Pipeline defect causing temporary de-rating of pipeline.
- Pipeline defect or damage.
- Shippers taking more Gas than they have nominated to inject into the relevant Vector pipeline.

Prior to any breach of a Critical Contingency threshold, each of these events will be dealt with in accordance with the VTC. Accordingly, remedial actions may include, where practicable, increasing the volume of gas taken from other injecting or interconnected parties (including through tendering for gas injection), maximising throughput through other compressors, curtailments and shutdowns.

Once a Critical Contingency has been declared by the CCO these remedial actions may continue to be taken, if appropriate, in combination with load curtailment instructions from the CCO.

Note that information relating to Critical Contingency thresholds is provided in section 5.

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<sup>1</sup> For the definition of Emergency refer to VTC.

### **3. Communications Plan**

#### **3.1 Purpose and objective**

The purpose of this communications plan is to describe the notices that Vector will issue to affected parties during a Critical Contingency event, the reciprocal communications and the timeframes under which those communications will take place.

This communications plan also contains the contact details for pipeline stakeholders who might be involved in a Critical Contingency event as well as the contact details of the Vector representative who will be responsible for communicating to the CCO.

The overriding objective of the plan is to meet the requirements of Regulations 25 (e), (f), (i), (j).

The plan also meets the requirements of the Communications Plan issued by the CCO. The CCO will issue notices to Vector in accordance with the CCO Communications Plan.

#### **3.2 Target audience**

The target audience for communications under the CCMP is defined in Regulations 25 (e) and (i) and includes the following:

- Critical Contingency Operator
- Transmission System Owners
- Gas distributors
- Shippers
- Retailers
- Large Consumers
- Operators of gas storage facilities
- Operators of upstream gas production facilities
- Interconnected parties, retailers, and shippers who are trading across or utilising the relevant part of the transmission system
- Electricity system operator

The operational contact details for these groups are contained and regularly updated in OATIS.

There is also a requirement for Vector to nominate a person who will be responsible for giving communications to the CCO under the Communications Plan and for giving directions in accordance with the CCMP (r25 (f)). The details for this person are provided in Appendix 6.

#### **3.3 Communication of notices**

Vector intends to use the operational contact details contained in the 'Contact Details' screen of OATIS which includes the 'Operational Contact', 'Email Address', 'SMS' and 'Telephone Number' fields for the purpose of communicating notices.

All notices will be posted on OATIS. Written notification alerting affected parties of the existence of posted notices will be sent direct from OATIS using email and SMS text messages. The notice will be considered received by the recipient on the date and at the time it is first posted on OATIS.

Should it not be possible for an affected party to be set up in OATIS to view notices and/or receive notice alerts from OATIS, alternative systems for transmitting email and SMS text messages will be considered.

Should the urgency of a particular situation mean that oral communication is required, Vector will initially issue the notice orally by telephone and then post written confirmation notices in OATIS and give alerts in writing as described above.

### **3.4 Communications by TSO on declaration of Critical Contingency**

This section describes the notices that will be issued during declaration of a Critical Contingency. A process flow chart is included in Appendix 1 illustrating the process for communications during a Critical Contingency declaration.

#### **Notice of Declaration of Critical Contingency**

Immediately after Vector has received notification from the CCO that a Critical Contingency has been declared Vector will send this notice to affected parties.

The purpose of this notification is to advise that the CCO has declared a Critical Contingency. The notice will give details of the areas of the transmission system that are affected, advice that CCO directions must be complied with and communications described in the communications plan have commenced.

A proforma of this notice is included in Appendix 5.1.

### **3.5 Communications by CCO and TSO during a Critical Contingency**

This section describes the notices that may be issued during a Critical Contingency. A process flow chart is included in Appendix 2 illustrating the process for communications during a Critical Contingency.

The CCO will make regular communications to the parties detailed in the CCO Information Guide before, during and after a Critical Contingency. These parties include the following.

- Electricity system operator
- The director of civil defence emergency management
- Operators of gas storage facilities
- Operators of upstream gas production facilities
- The Industry Body
- The Minister of Energy and the Secretary

The CCO will also publish and update information about the Critical Contingency on the CCO internet site.

The CCO may issue other directions in relation to matters outside the scope of the CCMP if the CCO considers those directions are necessary to better achieve the purpose of the Regulations and/or to mitigate the severity of the Critical Contingency.

Vector will communicate by way of giving notices to parties affected by the directives given by the CCO in relation to the Critical Contingency.

All notices described in the following sections will be sent to the parties Vector considers are affected by the notices and directions (as described in section 3.3 above).

The notices issued during a Critical Contingency to each of the affected parties relating to direction to curtail, direction to revise curtailment and direction to restore curtailed demand may differ dependent on the nature and location of the affected party's portfolio. For this purpose and for confidentiality reasons separate customised notices may be issued to affected parties.

#### **Notice of Direction to Curtail Demand Communication**

Immediately after Vector has received notice from the CCO giving a direction to curtail demand Vector will send this notice to affected parties.

The purpose of this notice is to give directions in accordance with the directive issued by the CCO to curtail load to stabilise the affected parts of the transmission system. The directive will be in accordance with the curtailment bands in section 5. The notice may contain directions to curtail subsets of load within a curtailment band or subsets of geographically located load within a curtailment band.

Retailers and Large Consumers will be requested to give regular updates by issuing notices to Vector on their compliance with the direction.

A proforma of this notice is included in Appendix 5.2.

#### **Notice of Direction to Revise Demand Curtailment Communication**

Immediately after Vector has received notice from the CCO giving a direction to revise curtailed demand Vector will send this notice to affected parties.

The purpose of this notice is to give directions in accordance with the directive issued by the CCO to revise load curtailment for the purpose of further stabilising the transmission system. The directive will be in accordance with the curtailment bands in section 5. The notice may contain directions to curtail subsets of load within a curtailment band or subsets of geographically located load within a curtailment band.

Retailers and Large Consumers will be requested to give regular updates to Vector on their compliance with the direction.

A proforma of this notice is included in Appendix 5.3.

**Notice of Direction to Restore Curtailed Demand Communication**

Immediately after Vector has received notice from the CCO giving direction to restore curtailed demand Vector will send this notice to affected parties.

The purpose of this notice is to give directions in accordance with the directive issued by the CCO based on it being determined that the transmission system has stabilised to the extent that curtailed gas demand can be restored and the order in which is to be restored. The notice may contain directions that demand is to be restored in the reverse order in which it was curtailed i.e. last to be curtailed is first to be restored. The notice may contain directions to restore curtailed demand in an order other than the reverse order described above. The notice may also contain directions to restore demand in accordance with the requirements of CDEM legislation.

The notice will also contain guidance for Retailers to follow DNO instructions when restoration notices are issued in the interests of restoring demand in an orderly and safe manner.

Shippers and Large Consumers will be requested to give regular updates to Vector on their compliance with the direction.

A proforma of this notice is included in Appendix 5.4.

**Notice of persons not complying with directives**

At any time during or after a Critical Contingency Vector has reason to believe or has obtained information pertaining to non-compliance with directives, it may give notification to the CCO.

Vector will provide details to the CCO of any person who did not comply with the load curtailment or restorations directions issued under during the Critical Contingency.

### **Communications received by Vector during a Critical Contingency**

In addition to communications received by Vector from the CCO during a Critical Contingency, Vector will receive regular communications from affected parties. These will most likely be in the form of regular updates from Large Consumers and Retailers giving details about their compliance with Vector directions during a Critical Contingency. Vector may disclose this information to the CCO.

### **3.6 Communications at the termination of a Critical Contingency**

A process flow chart is included in Appendix 3 illustrating the process for communications during a Critical Contingency termination.

#### **Notice of Termination of Critical Contingency**

Immediately after Vector has received notice from the CCO that a Critical Contingency has been terminated Vector will issue this notice.

The purpose of this notification is to advise that the CCO has determined that the Critical Contingency has been terminated. The notice will contain details on the time and date that the Critical Contingency terminated.

A proforma of this notice is included in Appendix 5.5.

## **4. Information requirements**

### **4.1 General**

The information which Vector is required to provide to the CCO is described in Regulation 38 as follows:

- (a) Metering (or other equipment) data on the amount of gas received in to or taken from, and the pressure at or near, an interconnection point.
- (b) In respect of each day, the net quantity of gas agreed between Vector and an inter-connected party, or otherwise expected or requested, to pass through each interconnection point.
- (c) Data concerning the composition and quality of gas in its parts of the transmission system.
- (d) Technical pipeline information referred to in clause 1 of Part 5 of Schedule 1 of the Gas (Information Disclosure) Regulations 1997.
- (e) Any notices issued pursuant to a transmission system code by Vector in respect to Maui Pipeline.
- (f) Any of the following data that Vector has access to and is reasonably requested (for the purpose of performing its obligations under these regulations) by the CCO:
  - (i) mismatch or operational imbalance data.
  - (ii) historical flow information, linepack, or pressure data.

The CCO will have access to information contained in the Vector OATIS and SCADA systems. Any additional information not readily available, which may be required by the CCO under Regulation 38 (f) will be requested in writing by the CCO.

### **4.2 Information systems**

The CCO will be granted an appropriate level of access to the OATIS and SCADA systems to allow visibility of system conditions.

### **4.3 Operational pipeline data to be provided to CCO**

Vector will provide information to the CCO to assist in the determination and declaration of a Critical Contingency, the management/monitoring during the Critical Contingency and the determination to terminate the Critical Contingency. The information provided may include all or some of the following:

- (a) Interconnection point data including pressure and volumes of gas received.
- (b) Injecting production station data including pressure and volumes gas being injected.
- (c) Gas quality data from the injecting production stations in (b).

- (d) Scheduled, and nominated quantities of gas to be received into system from (a) and (b).
- (e) Expected quantities and levels of system imbalance.
- (f) Rate of change of imbalance.
- (g) Expected time to reach the  $P_{\min}$  Critical Contingency threshold.
- (h) Parts of the transmission affected.
- (i) Historical flow, line pack and pressure data.
- (j) Technical pipeline and equipment information.
- (k) Performance and status of load shedding.
- (l) Progress and status of event that triggered the Critical Contingency.
- (m) Expected time until termination criteria are reached.
- (n) Recovery of line pack, pressure levels.
- (o) Security of any supplies reinstated from Producers.
- (p) Reinstatement of the nominations and scheduling processes.
- (q) Expected gas demands upon termination of Critical Contingency.
- (r) Historical flow rates, line pack and pressure data.

## 5. Intra-Critical Contingency processes

### 5.1 Safety statement

If Vector deems that compliance with any part of the Regulations or any direction issued by the CCO (or any other party) in pursuance of the Regulations would endanger the life or safety of any person then Vector may elect not to comply and/or take alternative actions deemed to be appropriate under the prevailing circumstances.

Should Vector elect to not comply with the Regulations on the grounds of safety and to take alternative actions it will give notice to the CCO and any other affected parties giving its reasons for electing to not comply, and details of any appropriate alternative actions.

### 5.2 Pipeline thresholds

The Critical Contingency thresholds for the Vector pipeline are measured at the points in Table 1. The thresholds themselves are expressed both as a minimum pressure threshold ( $P_{min}$ ) and in terms of the time remaining to reach  $P_{min}$ . The time thresholds are based on the need to allow sufficient time for load curtailment directives to be issued and complied with by the affected consumers in the selected curtailment bands during a Critical Contingency.

The pressure thresholds are selected to ensure that connected gas distribution networks continue to be supplied with gas in sufficient quantities to prevent pressure falling to dangerous or unsustainable levels and to continue to supply gas in sufficient quantities to domestic consumers and essential service providers.

**Table 1 pipeline thresholds**

Pipeline Name	Point Of Measurement	Pmin (barg)	Threshold Time (Hours to reach Pmin)
South	Waitangirua	37.0	10
Hawkes Bay Lateral	Hastings	32.0	5
Frankley Road to KGTP	KGTP	37.5	4
Bay Of Plenty	Gisbourne	32.0	5
Bay Of Plenty	Taupo	32.0	5
Bay Of Plenty	Tauranga	32.0	6
Bay Of Plenty	Whakatane	32.0	5
Morrinsville Lateral	Cambridge	32.0	5
Central (North)	Westfield	42.0	6
North	Whangarei	25.0	6

In the event of pipeline damage or other major physical asset failure threshold time to reach Pmin may be significantly shorter than the times indicated in the above table.

### 5.3 Curtailment arrangements

During a Critical Contingency Vector will receive and follow the directions given by the CCO as specified under Regulations 50 and 54. These communications may include directions given to Vector by the CCO to implement the curtailment arrangements specified in schedule 2 of the Regulations. These arrangements are provided below in Table 2.

**Table 2 curtailment bands**

<b>Curtailment band</b>	<b>Consumption in terajoules (TJ)</b>	<b>Description</b>
0	N/A	Gas off taken for injection into gas storage.
1a	More than 15TJ per day	Consumers (excluding essential service providers) supplied directly from the transmission system who have an alternative fuel capability. If minimal load consumer then manage wind-down of plant.
1b	More than 15TJ per day	Consumers (excluding essential service providers) supplied directly from the transmission system who do not have an alternative fuel capability. If minimal load consumer then manage wind-down of plant.
2	More than 10TJ per annum and up to 15TJ per day	Consumers (excluding essential service providers) with alternative fuel capability. If minimal load consumer then manage wind-down of plant.
3	More than 10TJ per annum and up to 15TJ per day	Consumers (excluding essential service providers) without alternative fuel capability. If minimal load consumer then manage wind-down of plant.
4	More than 2TJ per annum and up to 10TJ per annum	Consumers, excluding essential service providers. Minimal load consumers in curtailment bands 1a to 3 curtailed in full.
5	More than 2TJ per annum	Essential service providers.
6	2TJ or less per annum	All remaining consumers.

CCO curtailment directives issued to Vector, and the details of parties that could be affected by curtailment during a Critical Contingency event are described in the in section 3.

CCO curtailment notices may contain directions to curtail subsets of load within a curtailment band or subsets of geographically located load within a curtailment band. Vector will assess these directives and suggest any alternatives it feels would better serve the above points or the purpose of the Regulations.

#### **5.4 Alternative curtailment arrangements**

Vector may consider it desirable to restore curtailed load in an order different from the curtailment arrangements set out in schedule 2 of the Regulations (last curtailed and first restored).

Circumstances where this might occur, and the reasons the given approach might better serve the purpose of the Regulations and the objectives of the curtailment arrangements are provided in Table 3 below.

**Table 3 alternative curtailment order considerations**

Objective of curtailment arrangement	Reason why different from schedule 2 curtailment
Ensure gas is supplied in a safe, efficient, and reliable manner	<p>Long term outage physically affecting a discrete section of the pipeline, but gas can be delivered safely to users on other sections of the pipeline.</p> <p>Where plant could suffer physical damage due to curtailment.</p> <p>Where restoring the gas supply is technically impractical.</p> <p>To be clear, as an example this could be where several large users have their supply restored (as per schedule 2 of the Regulations) at the same time, and there is the potential for the subsequent increased load to negatively impact the gas transmission system as a whole.</p>
Prioritise the supply of gas to essential service providers	Where essential service providers have reasonable access to other fuels.
Allow for minimal load consumer supply	Where minimal load consumers are affected by a disruption to the gas supply that does not affect other types of user on the same pipeline.
Ensure efficient utilisation of gas in storage facilities	Where use of storage gas during a Critical Contingency would draw down on cushion gas.
Ensure effective operational management of a Critical Contingency	N/A

## **6. Imbalance section**

Note: Vector is unclear at this stage about the type of imbalance methodology to be applied by MDL. When this has been established Vector will need to consider how this will effect the Vector regime before this section can be finalised.

### **6.1 Contingency Imbalance Quantity and Value Information**

[This section requires GIC and industry discussion before it can be completed, as the meaning of the definitions of negative, and positive, contingency imbalance needs to be determined in the context of the Vector regime. In particular, as Vector raised in its submission on the draft Regulations, it is unclear what the phrases "contractually agreed" and "contractually entitled to take" mean for both interconnected parties to, and shippers on, Vector's pipelines.]

Once each critical contingency imbalance quantity has been determined, and Vector has been provided with the applicable critical contingency imbalance price, Vector will calculate the respective values and provide both amounts to the GIC in accordance with the Regulations.

### **6.2 Contingency Imbalance Calculation Period**

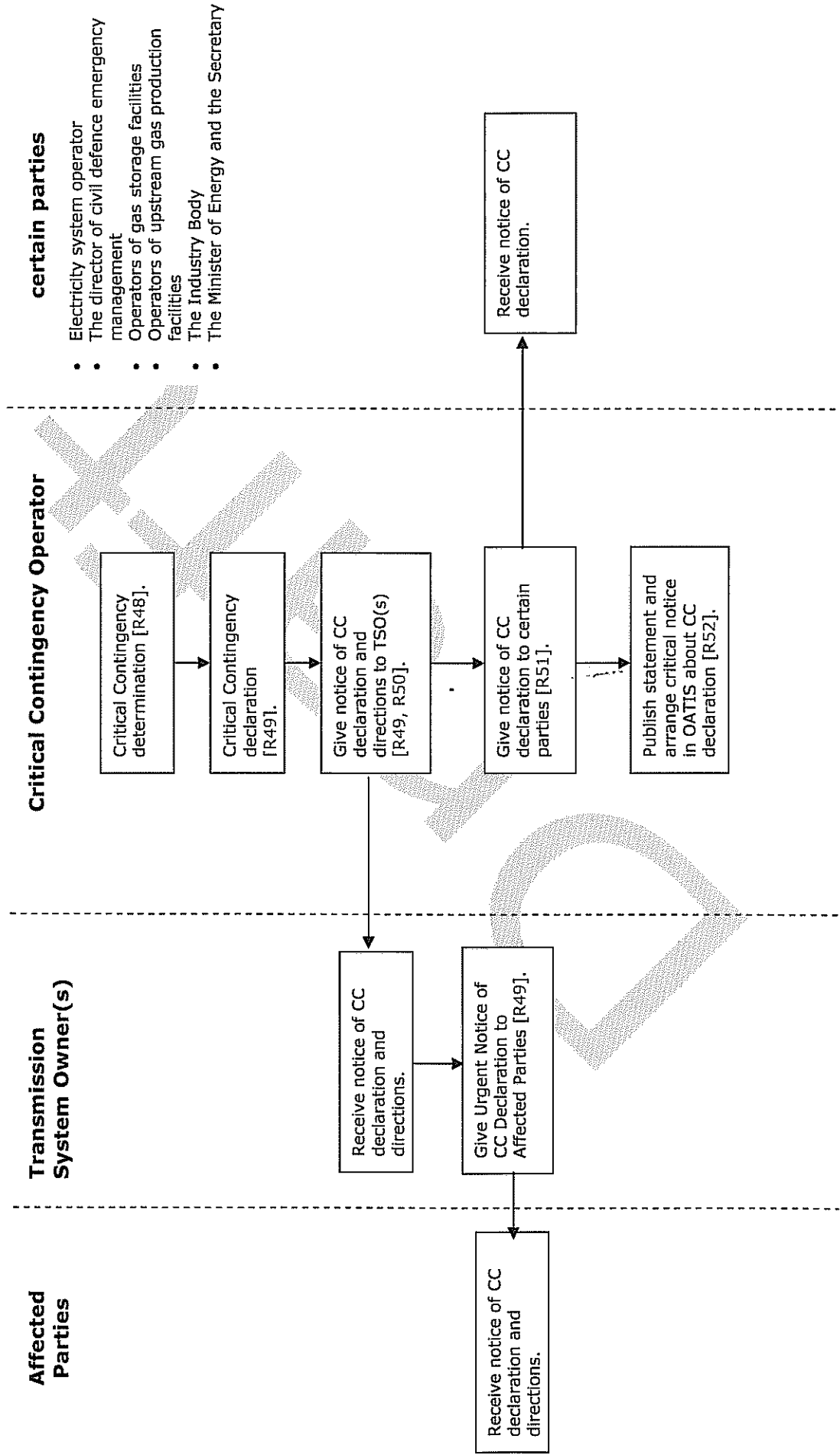
Contingency Imbalances will be calculated on a daily basis until such time as a move to sub-daily is feasible.

Sub-daily calculations are currently not possible on Vector's pipelines because they would require downstream allocation at an hourly level, which currently does not occur. If the industry is able to agree on, and fund, an hourly data regime then Vector believes it would be in a position to calculate contingency imbalances on a sub-daily basis and hopes that this will occur over the next 6 to 9 months.

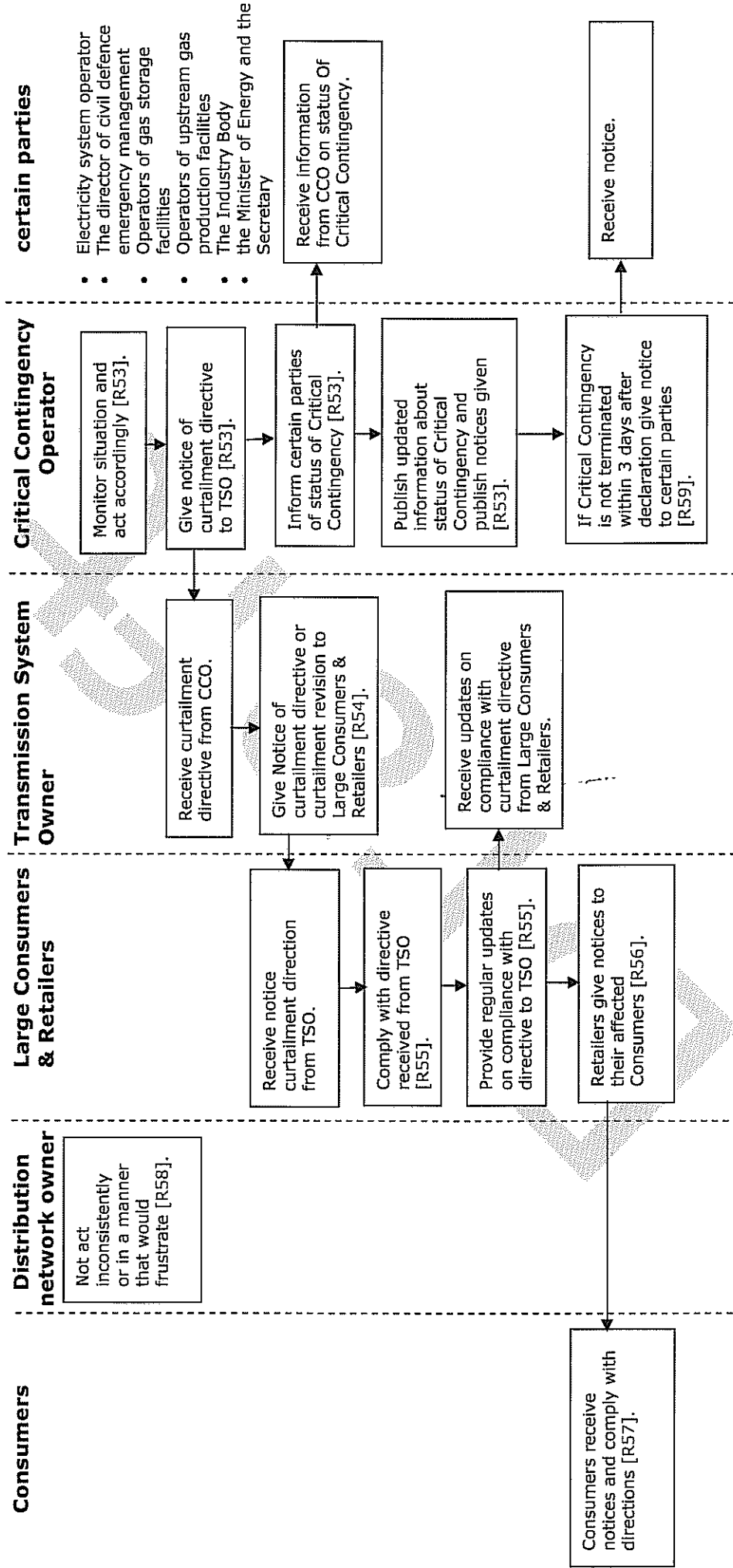
## 7. CCMP Appendices

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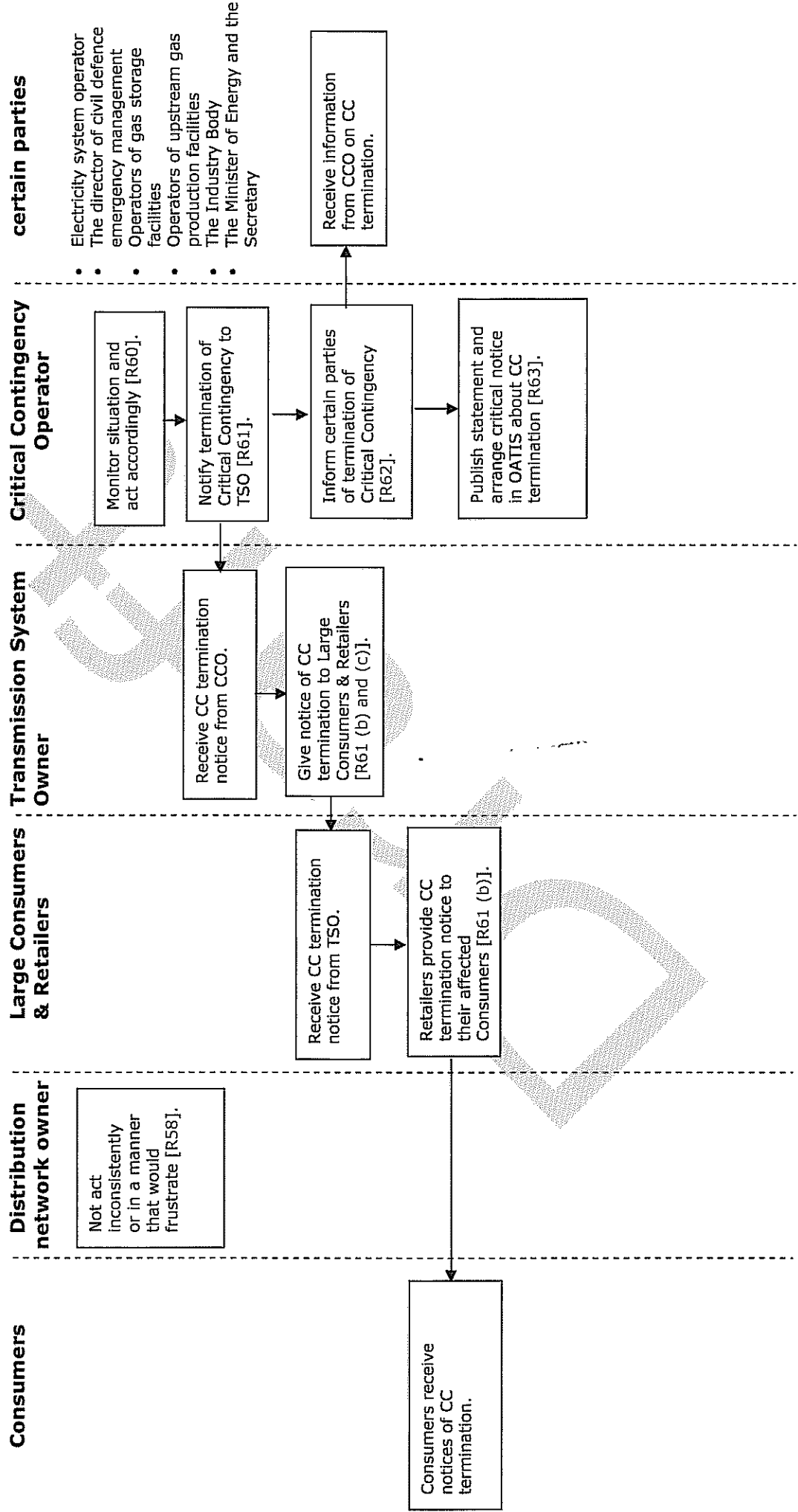
# Appendix 1 Process for declaration of Critical Contingency



## Appendix 2 Process during a Critical Contingency



### Appendix 3 Process for termination of Critical Contingency



## Appendix 4 Parties contact details

### Other Transmission System Owners

Company Name	Contact Name	Contact Phone Number	Contact Alternative Contacts	Contact Email Address	Contact SMS

### Electricity System Operator

Company Name	Contact Name	Contact Phone Number	Contact Alternative Contacts	Contact Email Address	Contact SMS

Contact details for other interested parties are considered to be confidential and are contained and updated within OATIS. These parties include the following.

- Distribution Network Owners
- Sippers
- Retailers
- Productions Stations
- Storage Facilities
- Large Consumers

## Appendix 5 Proforma notices

### A5.1 Declaration of Critical Contingency

#### **Notice of Declaration of Critical Contingency**

In accordance with the Vector CCMP this notice is issued to notify you that the CCO has declared a critical contingency under **Regulation 49** of the Gas Governance (Critical Contingency Management) Regulations 2008.

It is advised that all directions issued by the Critical Contingency Operator pursuant to the declaration of the critical contingency must be complied with.

The communications described in the CCO Communication Plan and Vector CCMP are now activated.

Load curtailment is not required at this stage and instructions are awaited from the CCO.

- 1. Event causing Critical Contingency**
  
- 2. Areas of transmission system affected**
  
- 3. Predicted time to resolution of event**

#### **Notes:**

- (a) This notice will be considered received by the recipient on the date and at the time it is first posted on OATIS.
  
- (b) This notice will also be communicated by a truncated SMS text message.

## A5.2 Direction to curtail demand

### Notice of Direction To Curtail Demand

In accordance with the Vector CCMP this notice is issued to notify you that the CCO has given direction to curtail demand under **Regulation 53 (d) (i)** of the Gas Governance (Critical Contingency Management) Regulations 2008.

It is advised that all directions issued by the Critical Contingency Operator pursuant to the declaration of the critical contingency must be complied with.

Retailers and Large Consumers must follow this direction and provide Vector with regular updates of compliance in accordance with Regulation 55.

The communications described in the CCO Communication Plan and Vector CCMP continue to be activated.

- 1. Event causing Critical Contingency**
- 2. Areas of transmission system affected**
- 3. Predicted time to resolution of event**
- 4. Curtailments now directed**

<b>Curtailment band</b>	<b>Description of consumers to be curtailed</b>	<b>Location of customers to be curtailed</b>
0		
1a		
1b		
2		
3		
4		
5		
6		

#### Notes:

- (a) The notice will be considered received by the recipient on the date and at the time it is first posted on OATIS.
- (b) This notice will also be communicated by a truncated SMS text message.

## A5.3 Direction to revise demand curtailment

### Notice of Direction to Revise Demand Curtailment

In accordance with the Vector CCMP this notice is issued to notify you that the CCO has given direction to revise demand curtailment under **Regulation 53 (d) (ii)** of the Gas Governance (Critical Contingency Management) Regulations 2008.

This Direction to Revise Demand Curtailment is in addition to any previously issued notices given regarding Direction to Curtail Demand.

It is advised that all directions issued by the Critical Contingency Operator pursuant to the declaration of the Critical contingency must be complied with.

Retailers and Large Consumers must follow this direction and provide Vector with regular updates of compliance in accordance with Regulation 55.

The communications described in the CCO Communication Plan and Vector CCMP continue to be activated.

#### 1. Event causing Critical contingency

#### 2. Areas of transmission system affected

#### 3. Predicted time to resolution of event

#### 4. Revisions to curtailments now directed

Curtailment band	Description of consumers to be curtailed	Location of customers to be curtailed
0		
1a		
1b		
2		
3		
4		
5		
6		

#### Notes:

- (a) The notice will be considered received by the recipient on the date and at the time it is first posted on OATIS.
- (b) This notice will also be communicated by a truncated SMS text message.

## A5.4 Direction to Restore Curtailed Demand

### Notice of Direction to Restore Curtailed Demand

In accordance with the Vector CCMP this notice is issued to notify you that the CCO has given direction to restore curtailed demand under **Regulation 53 (e) (i)** of the Gas Governance (Critical Contingency Management) Regulations 2008.

It is advised that all directions issued by the Critical Contingency Operator pursuant to the declaration of the critical contingency must be complied with.

Retailers and Large Consumers must follow this direction and provide Vector with regular updates of compliance in accordance with Regulation 55.

The communications described in the CCO Communication Plan and Vector CCMP continue to be activated.

- 1. Event causing Critical contingency**
- 2. Areas of transmission system affected**
- 3. Predicted time to resolution of event**
- 4. Revisions to curtailments now directed**

<b>Curtailment band</b>	<b>Description of consumers to be curtailed</b>	<b>Location of customers to be curtailed</b>
0		
1a		
1b		
2		
3		
4		
5		
6		

- 5. Details regarding order for restoration of curtailed demand**

#### Notes:

- (a) The notice will be considered received by the recipient on the date and at the time it is first posted on OATIS.
- (b) This notice will also be communicated by a truncated SMS text message.

## **A5.5 Notification that Critical Contingency has Terminated**

### **Notice of Termination of Critical Contingency**

In accordance with the Vector CCMP this notice is issued to notify you that the CCO has terminated Critical Contingency under **Regulation 61** of the Gas Governance (Critical Contingency Management) Regulations 2008.

It is advised that all directions issued by the Critical Contingency Operator pursuant to the declaration of the Critical Contingency must be complied with.

The communications described in the CCO Communication Plan and Vector CCMP are deactivated at the time and date that the Critical Contingency is terminated.

- 1. Time and date Critical Contingency terminated**
  
- 2. Event that caused Critical Contingency**
  
- 3. Areas of transmission system affected**
  
- 4. Details of event resolution**

#### **Notes:**

- (a) The notice will be considered received by the recipient on the date and at the time it is first posted on OATIS.
  
- (b) This notice will also be communicated by a truncated SMS text message.

## Appendix 6 Designated TSO representative details

Individual	Email address	Cell phone number	Direct dial number

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