Block 1 Outputs – 5 Target Taranaki Pressure

Appendix 1 - Proposed GTAC amendments

*Curtailment SOP* means a curtailment standard operating procedure issued by First Gas following appropriate consultation (including for each amendment) that:

* + 1. requires First Gas, where appropriate, to have exhausted its Balancing Gas obligations in *section 8.8(b)*;
		2. first curtails Interruptible Capacity if appropriate;
		3. aims not to curtail an Interconnected Party or Shipper that appears to be complying with the relevant parts of the Code unless there is no identifiable party in an area that does not appear to be complying with the relevant parts of the Code;
		4. requires First Gas to identify the ground in (c) above that applies when curtailing or adjusting capacity or flow;
		5. where the first ground in (c) above applies, allows a Shipper or Interconnected Party to supply evidence to First Gas demonstrating that it is complying (including for reasons of lack of data to prove otherwise, or for actions decided but not yet known to First Gas) with its balancing obligations under the Code;
		6. where (e) above applies, requires First Gas to reverse any adjustment or curtailment made at the next available opportunity if such an opportunity is available; and
		7. has regard for circumstances where no curtailment, and potentially a Critical Contingency, may be a more efficient outcome for most or all parties.

*Target Taranaki Pressure* means the pressure measured or calculated by First Gas at or near the Bertrand Road Offtake.

1. **transmission products and zones**

## Target Taranaki Pressure

* 1. Subject to *section 3.38(a)* or except as may be required as a result of a Critical Contingency, Force Majeure Event, Emergency or any Maintenance, First Gas will use its reasonable endeavours to:
		1. maintain the Target Taranaki Pressure in the “400 line” between Oaonui and the Turangi Mixing Station at or near the Bertrand Road Offtake between a lower limit of 42 bar gauge and an upper limit of 48 bar gauge (including, if the Target Taranaki Pressure is outside these limits, to bring the Target Taranaki Pressure back within those limits); and
		2. manage the Target Taranaki Pressure to be as low as practicable within the specified range while maintaining sufficient Line Pack to meet its obligations under this Code and Interconnection Agreements.
	2. If necessary in order for First Gas to comply with its obligations under *section 3.37* in relation to maintaining the Target Taranaki Pressure under the upper limit of the Target Taranaki Pressure, First Gas:
		1. must use best endeavours to ensure that the Mokau compressor is available for operation, has adequate redundancy and is operating (if required); and
		2. subject to *section 3.38(a)* and the Curtailment SOP, may exercise any rights to adjust or curtail any Approved NQ or Supplementary Capacity or Interruptible Capacity.
	3. Any proposed change to the specified range of the Target Taranaki Pressure under *section 3.37(a)* shall be subject to a Change Request made in accordance with the Code (any such change to the specified pressure range not to be effective earlier than 12 Months following its approval) and shall have regard to:
		1. First Gas being able to
		2. First Gas ing
		3. First Gas ing
		4. Interconnected Parties at Receipt Points optimising reserves and utilisation of production assets;
		5. Interconnected Parties at Delivery Points taking their contracted rates of Gas; and
		6. health and safety considerations.
1. **Nominations**

##  Extra Nominations Cycle

* 1. If practicable, First Gas will provide one (or more) Intra-Day Cycles in addition to those referred to in *section 4.11*, for use where:
		1. a Shipper experiences an unforeseeable material change in either:
			1. its receipts of Gas, due to a gas supplier’s unplanned production outage; or
			2. a major customer’s (or, where it is an End-user, its own) demand for Gas due to a plant or process malfunction including, where it loses the use of an alternative fuel, it’s demand for Gas materially increases; or
		2. an OBA Party experiences an unforeseeable and material unplanned production outage or, where it is an End-user, a problem of a kind referred to in *section 4.18(a)(ii)*; or
		3. First Gas experiences technical problems with any part of the Transmission System which reduces Operational Capacity or, following earlier technical problems, Operational Capacity is restored to previous levels, or where First Gas requires such a cycle pursuant to the relevant provision in the Curtailment SOP that relates to part (e) of the definition of Curtailment SOP.

(each an Extra ID Cycle).

* 1. An affected Shipper or OBA Party must request First Gas to provide an Extra ID Cycle, and provide a reasonable explanation of the unforeseeable material change that has occurred. First Gas will notify all Shippers and OBA Parties of the Extra ID Cycle will be available, not later than 1 hour prior to the Intra-Day Nomination Deadline of that cycle. First Gas will publish the name of the person who requested the Extra ID Cycle on OATIS, together with that person’s explanation of the need for it, whether it agrees to the Extra ID Cycle or not. For the avoidance of doubt, a Shipper or OBA Party or First Gas shall not be required to request First Gas to provide an Extra ID Cycle pursuant to *section 4.18(c)*, but where First Gas does make an Extra ID Cycle available, the remaining provisions of this *section 4.19* shall apply.

# curtailment

## Adverse Events

* 1. Subject to the balance of this *section 9*, First Gas will use reasonable endeavours to avoid curtailing any Shipper’s DNC or Supplementary Capacity or Interruptible Capacity or any Interconnected Party’s Approved NQ. However, First Gas may curtail the injection of Gas (or the ability to inject Gas) at a Receipt Point, the flow of Gas through the Transmission System, or the taking of Gas (or the ability to take Gas) at a Delivery Point, to the extent that it determines to be necessary, where:
		1. an Emergency is occurring or is imminent;
		2. a Force Majeure Event has occurred or is continuing;
		3. subject to the Curtailment SOP, a breach of any Security Standard Criteria and/or a Critical Contingency would otherwise occur;
		4. an Interconnected Party’s ICA expires or is terminated;
		5. a Shipper’s TSA, Supplementary Agreement, Existing Supplementary Agreement, GTA or Allocation Agreement expires or is terminated; and/or
		6. subject to the Curtailment SOP, it does so to maintain the Target Taranaki Pressure pursuant to *section 3.37*,

provided that where the need for curtailment arises due to Congestion, the provisions of *section 10* shall apply.

## Operational Flow Order

9.5 Subject to *sections 9.6 and 9.7* and the Curtailment SOP, if any of the events described in *section 9.1(a) to (e)* occurs, First Gas may issue an OFO to a Shipper (or Shippers) at one or more Delivery Points. Each Shipper shall use its best endeavours to comply with that OFO in the shortest practicable time. First Gas will minimise the period of curtailment stipulated in an OFO to the extent practicable. First Gas will publish each OFO on OATIS as soon as practicable.

9.7 First Gas will, at any Dedicated Delivery Point where it has the right to do so, subject to the Curtailment SOP issue an OFO to the Interconnected Party rather than to the Shipper(s) using that point. First Gas will publish that OFO on OATIS as soon as practicable.