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Laurie Counsell
Adviser Wholesale
Electricity Commission
PO Box 10041
Wellington

Dear Laurie

This letter responds to your email dated 23 April 2009 (regarding the events surrounding Wilton T8 during trading periods 37 and 38 on 21 April 2009) and to queries by Genesis Energy relating to the same event.

1. Sequence of Events on 21 April 2009

- 1.1. On 21 April 2009, there was a planned outage of the Mangamaire – Woodville circuit (MGM-WDV). This outage was planned to occur between 0700 and 1830.
- 1.2. At 0741 the System Operator (SO) determined that the Wilton T8 transformer (WIL T8) should be re-rated for the duration of the MGM-WDV outage, due to the high demand on the day. Due to this high demand, the SO decided to utilise the special offer provisions that accompany T8 during other outages.
- 1.3. At 0745 WIL T8 was re-rated to 139MW from 0745 to 1829.
- 1.4. At 1703 the Grid Owner made a change to offer for a return to service of the MGM-WDV circuit from 1730 rather than the planned 1830.
- 1.5. WIL T8 was returned to its default rating of 110MW from 1730.
- 1.6. At 1722 the SO observed that the loading on WIL T8 was fluctuating just below 95% of the default rating, and was being monitored (with a view to removal should circumstances require).
- 1.7. At 1759 the SO observed that the loading on WIL T8 had approached 100% but was fluctuating around 105-109MW (rating limit of 110MW).
- 1.8. At 1842 after monitoring the load on WIL T8 the decision to remove WIL T8 was made.
- 1.9. WIL T8 was physically removed from service at 1843.

1.10. WIL T8 was physically returned to service at 2056.

2. Specific Questions regarding 21 April 2009 events

2.1. *When was Wilton T8 physically removed from service, was it TP 36 or 38?*

2.2. Wilton T8 was physically removed from service at 18:43, i.e. during trading period 38.

2.3. *Why was there an infeasibility in TP 38 after the transformer was removed from service?*

2.4. Pricing for TP 38 was set by the conditions existing at the start of the trading period. At the start of the trading period, Wilton T8 was in service.

2.5. *Were there any other changes made at this time relating to the infeasibility?*

2.6. No. The only other changes made to TP38 relating to the infeasibility were those required to remove the infeasibility in final pricing (these changes were made around 10am on the 22nd April) and those subsequently required under the HSWPS methodology set out in the rules.

2.7. *Genesis has requested a copy of the dispatch schedule used for trading periods 37 and 38 on 21 April 2009.*

2.8. The System Operator does not believe it can release the dispatch schedules used for Trading Periods 37 and 28 on 21 April 2009 for two reasons.

2.8.1. The information requested is within two weeks of the event occurring. Under rule 7.6 of Section II, Part G of the rules, bid and offer information can not be made available by the System Operator until two weeks after a given trading day.

2.8.2. The dispatch schedules contain information relating to offers and asset capability information. This meets the definition of excluded rule book information under regulation 4 (1) (a).

If you wish to discuss any aspect of this letter please do not hesitate to contact me.

Yours sincerely



Lisa Dhanji
Market Services Manager

Cc: Lawrence Cogan, Contracts and Compliance Manager, Genesis Energy