

Report on market operation service providers' compliance

October 2016

This report includes:

- the publication¹ of the sections of the reports that relate to breaches of the Electricity Industry Participation Code (Code) by the pricing manager, received by the market administrator in the previous calendar month
- the republication² of the sections of the reports that relate to breaches of the Code by the clearing manager, received by the market administrator in the previous calendar month
- the republication³ of the sections of the initial report that relate to breaches of the Code by the reconciliation manager, received by the Authority in the current calendar month
- the republication of the sections of the report that relate to breaches of the Code by the FTR manager, received by the Authority during the previous calendar month
- the republication of the sections of the report that relate to breaches of the Code by the registry manager, received by the Authority during the current calendar month
- the publication of any self-reported breaches of the Code by the market administrator for the previous calendar month
- the republication of sections of the report that relate to breaches of the Code by the system operator and the system operator's discretionary action, received by the market administrator in the previous month.

¹ As required by clause 13.214 of the Code

² As required by clause 14.69 of the Code

³ Clause 15.33 of the Code requires the Authority to publish the sections of the reports that relate to an alleged breach of the Code by the reconciliation manager by 0930 hours on the business day following the day on which the Authority receives the report. These reports are available at <http://www.ea.govt.nz/industry/market/statistics-reports/reconciliation-manager-monthly-breach-reports/>.

Self-reported breaches by the pricing manager (*under clause 13.213 of the Code*)

There were no self-reported breaches by the pricing manager.

Self-reported breaches by the clearing manager (*under clause 14.74 of the Code*)

There were no self-reported breaches by the clearing manager.

Self-reported breaches by the reconciliation manager (*under clause 15.30(1) of the Code*)

Note that this is a summary of the reconciliation manager monthly breach report which is published separately

There were no self-reported breaches by the reconciliation manager.

Self-reported breaches by the FTR manager (*Not required by the Code*)

There were no self-reported breaches by the FTR manager.

Self-reported breaches by the registry manager (*Not required by the Code*)

There were no self-reported breaches by the registry manager.

Self-reported breaches by the market administrator

There were no self-reported breaches by the market administrator.

Self-reported breaches by the system operator (*under clause 13.102*)

The system operator self-reported two breaches of the Code.

In the first event Woodville T2 was incorrectly modelled as out-of-service following a tripping of a Woodville-Dannevirke-Waipawa circuit. The transformer was mistaken for Waipawa T2 due in part to the similar appearance of the three-letter acronyms used (WDV compared with WPW). The incorrect modelling persisted for just over one hour, with negligible market or operational impact.

In the second event a pair of non-response/price-responsive long schedules (NRLS/PRSL) failed to complete before the end of the following trading period. Planned market system maintenance overran by a few minutes and impacted schedule solves. The error was unexpected as similar maintenance throughout the day had failed to result in errors. In response, critical services analysts have updated the process to track error notifications in the market system during this maintenance.

Discretionary action by the system operator (under clause 13.102)

Event Date & Time

Event Description

6/9/2016 9:11:35

AM DISCRETION MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max: 553 Start: 06-Sep-2016 09:11 End: 06-Sep-2016 09:30 Notes: Restoration of an extended potline Last Dispatched Mw: 738

8/9/2016 6:30:03 PM

DISCRETION WHI2201 WHI0 Discretion Clause 13.70, Part 13 EN Min: 10 Start: 08-Sep-2016 18:30 End: 08-Sep-2016 19:00 Notes: Required for security of supply over the evening peak. Last Dispatched Mw: 18.38

8/9/2016 6:56:06 PM

DISCRETION WHI2201 WHI0 Discretion Clause 13.70, Part 13 EN Min: 10 Start: 08-Sep-2016 18:56 End: 08-Sep-2016 19:30 Notes: Required for security of supply over the evening peak. Over 100MW of industrial load came off for the peak and may come back in a short period of time. Last Dispatched Mw: 10

8/9/2016 7:30:09 PM

DISCRETION WHI2201 WHI0 Discretion Clause 13.70, Part 13 EN Min: 10 Start: 08-Sep-2016 19:30 End: 08-Sep-2016 20:00 Notes: Required for security of supply over the evening peak. Over 100MW of industrial load came off for the peak and may come back in a short period of time. Last Dispatched Mw: 10

8/9/2016 8:00:02 PM

DISCRETION WHI2201 WHI0 Discretion Clause 13.70, Part 13 EN Min: 10 Start: 08-Sep-2016 20:00 End: 08-Sep-2016 20:30 Notes: Required for security of supply over the evening peak. Over 100MW of industrial load came off for the peak and may come back in a short period of time. Last Dispatched Mw: 10

8/9/2016 8:34:50 PM

DISCRETION MKE1101 MKE1 Discretion Clause 13.70, Part 13 EN Min: 30 Start: 08-Sep-2016 20:34 End: 08-Sep-2016 21:00 Notes: Required for security of supply over the evening peak. Over 100MW of industrial load came off for the peak and may come back in a short period of time. Last Dispatched Mw: 15.33

9/9/2016 7:58:29 AM

DISCRETION WHI2201 WHI0 Discretion Clause 13.70, Part 13 ENR Min: 10 Start: 09-Sep-2016 07:58 End: 09-Sep-2016 08:30 Notes: Last Dispatched Mw: 25

12/9/2016 9:36:55 AM

DISCRETION MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max: 481 Start: 12-Sep-2016 09:36 End: 12-Sep-2016 10:00 Notes: Extended Potline 2. Last Dispatched Mw: 666

12/9/2016 6:45:17 PM

DISCRETION WHI2201 WHI0 Discretion Clause 13.70, Part 13 EN Min: 10 Start: 12-Sep-2016 18:45 End: 12-Sep-2016 19:00 Notes: Required for security, low residual Last Dispatched Mw: 25

12/9/2016 6:56:45 PM

DISCRETION WHI2201 WHI0 Discretion Clause 13.70, Part 13 EN Min: 10 Start: 12-Sep-2016 18:56 End: 12-Sep-2016 19:30 Notes: Required for security over peak. Last Dispatched Mw: 10

15/9/2016 6:34:54 PM

DISCRETION WHI2201 WHI0 Discretion Clause 13.70, Part 13 EN Min: 10 Start: 15-Sep-2016 18:34 End: 15-Sep-2016 19:00 Notes: To ensure certainty of supply over the evening peak for system security. Last Dispatched Mw: 25

16/9/2016 12:54:46 PM

DISCRETION KAW0112 ONU0 Discretion Clause 13.70, Part 13 ENR Max: 40 Start: 16-Sep-2016 12:54 End: 16-Sep-2016 13:30 Notes: Last Dispatched Mw: 48.9

26/9/2016 10:35:49 AM

DISCRETION MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max: 480 Start: 26-Sep-2016 10:35 End: 26-Sep-2016 11:00 Notes: Return of a prolonged Potline. Line 2. 187MW. Last Dispatched Mw: 666

28/9/2016 4:26:39 PM

DISCRETION RPO2201 RPO0 Discretion Clause 13.70, Part 13 EN Max: 0 Start: 28-Sep-2016 16:30 End: 28-Sep-2016 17:00 Notes: Last Dispatched Mw: 0. 220kV bus unavailable for security reasons.

28/9/2016 6:46:04 PM

Discretionary action by the system operator (under clause 13.102)

DISCRETION KAW1101 KAG0 Discretion Clause 13.70, Part 13 ENR Min: 70 Start: 28-Sep-2016 20:00 End: 28-Sep-2016 21:00 Notes: Last Dispatched Mw: 104

28/9/2016 7:39:04 PM

DISCRETION KAW1101 KAG0 Discretion Clause 13.70, Part 13 EN Max: 95 Start: 28-Sep-2016 19:39 End: 28-Sep-2016 19:42 Notes: Last Dispatched Mw: 104. Discretioned down to be at 70 MW by 20:00, to avoid instant violations on KAW T123 & T13.

28/9/2016 7:43:01 PM

DISCRETION KAW1101 KAG0 Discretion Clause 13.70, Part 13 EN Max: 90 Start: 28-Sep-2016 19:43 End: 28-Sep-2016 19:47 Notes: Discretioned down to be at 70 MW by 20:00, to avoid instant violations on KAW T123 & T13. Last Dispatched Mw: 95.52

28/9/2016 7:47:29 PM

DISCRETION KAW1101 KAG0 Discretion Clause 13.70, Part 13 EN Max: 70 Start: 28-Sep-2016 19:47 End: 28

This report was published by the market administrator on 17 October 2016. For further inquiries please contact the market administrator at the Electricity Authority or send an email to marketoperations@ea.govt.nz.