

Report on Market Operation Service Providers' Compliance

November 2013

This report includes:

- The publication of the sections of the reports of the Pricing Manager, received in the previous month that relate to breaches of the Electricity Industry Participation Code (Code) by the Pricing Manager, as required by clause 13.214 of the Code
- the publication of the sections of the reports of the Clearing Manager, received in the previous month and to align with this report the current month that relate to breaches of the Code by the Clearing Manager, as required by clause 14.75 of the Code
- the republication of the sections of any reports of the Reconciliation Manager, received in the previous month that relate to breaches of the Code by the Reconciliation Manager under clause 15.33 of the Code¹
- the republication of the sections of any reports of the FTR Manager, received in the previous month that relate to breaches of the Code by the FTR Manager
- any self-reported breaches of the Code by the Registry Manager for the previous calendar month
- any self-reported breaches of the Code by the Market Administrator for the previous calendar month²
- the publication of sections of the reports of the System Operator, received in the previous month that relate to breaches of the Code by the System Operator, as required by clause 13.102(2) of the Code, and the System Operator's discretionary action as required by clause 13.102(1)(c).

¹ Under clause 15.33 of the Code, the Authority must 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/>

² The Code does not require the Market Administrator to publish any self-reported breaches of the Code by the Market Administrator. However, the Market Administrator has chosen to do so.

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

| Participant | Time of breach | Nature of breach | Reason for Breach |
|------------------------|-------------------------------|--|--|
| Reconciliation Manager | 01/04/2013 – 14/10/2013 | The reconciliation manager completed an annual software audit on the 14 Nov 2013 after the deadline provided for by Clause 3.17(1)(b) of the Code. | The annual software audit was completed within the Code defined deadlines. However an auditor approved by the Authority was not used. Once this was identified the Auditor gained Authority approval and the annual software audit was re-issued |

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 (2) of the Code)

| Date of breach | Time of breach | Rule breached | Nature of breach |
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| 4 October 2013 | 12:00 | Part 3 - 3.18(a) | Party: Transpower Transpower used software without providing to the Electricity Authority an audit of the software. Our Ref: EGR 2669 |
| 3 August 2013 | 22:00 | Part 13 - 13.62(3)(b) | Party: Transpower Transpower failed to complete a Price Responsive short schedule. Our Ref: EGR 2589 |
| 15 October 2013 | 23:00 | Policy Statement - 12.5 Policy Statement | Party: Transpower Transpower failed to take into account other agreed control measures advised to and agreed by the System Operator. Our Ref: EGR 2658 |
| 15/06/2013 | 19:30 | Policy Statement - 30.1B | Party: Transpower Transpower failed to correctly apply market system constraint Our Ref: EGR 2547 |

Discretionary action by the System Operator (under clause 13.102 (1) of the Code)

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| 17:38 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 565 Start: 31-Oct-2013 17:38 End: 31-Oct-2013 18:00 Notes: Tiwai Smelter Line 2 reduction Last Dispatched Mw: 740 |
| 20:50 | DISCRETION | Reduced BiPole North limit to maximum 750MW to ensure secure dispatch was achieved prior to significant HVDC transfer changes. |
| 20:55 | DISCRETION | Reduced BiPole North limit to maximum 625MW to ensure secure dispatch was achieved prior to significant HVDC transfer changes. |
| 03:34 | DISCRETION | OTA2202 OTC0 Discretion Clause 13.70, Part 13 EN Min : 215 Start: 01-Nov-2013 03:34 End: 01-Nov-2013 06:00 Notes: Required for Security Last Dispatched Mw: 207.55 |
| 11:03 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 610 Start: 01-Nov-2013 11:03 End: 01-Nov-2013 11:30 Notes: Last Dispatched Mw: 790 |
| 13:07 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 540 Start: 01-Nov-2013 13:05 End: 01-Nov-2013 13:30 Notes: Tiwai smelter line 3 reduction Last Dispatched Mw: 714 |
| 20:49 | DISCRETION | Reduced BiPole North limit to maximum 750MW to ensure secure dispatch was achieved prior to significant HVDC transfer changes. |
| 20:54 | DISCRETION | Reduced BiPole North limit to maximum 625MW to ensure secure dispatch was achieved prior to significant HVDC transfer changes. |
| 11:02 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 545 Start: 02-Nov-2013 11:02 End: 02-Nov-2013 11:30 Notes: Planned offload line |

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| | | #2 196MW at 1105. Last Dispatched Mw: 740 |
| 21:49 | DISCRETION | Reduced BiPole North limit to maximum 625 MW to ensure secure dispatch was achieved prior to significant HVDC transfer changes. |
| 21:55 | DISCRETION | Reduced BiPole North limit to maximum 500MW to ensure secure dispatch was achieved prior to significant HVDC transfer changes. |
| 23:00 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 560 Start: 02-Nov-2013 23:00 End: 02-Nov-2013 23:30 Notes: TWI L2 offload Last Dispatched Mw: 740 |
| 23:14 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 630 Start: 02-Nov-2013 23:14 End: 02-Nov-2013 23:30 Notes: TWI L3 offload. Last Dispatched Mw: 740 |
| 21:50 | DISCRETION | Reduced BiPole North limit to maximum 675 MW to ensure secure dispatch was achieved prior to significant HVDC transfer changes. |
| 21:55 | DISCRETION | Reduced BiPole North limit to maximum 550MW to ensure secure dispatch was achieved prior to significant HVDC transfer changes. |
| 09:22 | DISCRETION | ARG1101 BRR0 Discretion Clause 13.70, Part 13 ENR Max : 0 Start: 04-Nov-2013 09:57 End: 04-Nov-2013 10:30 Notes: BLN-KIK circuit removed for switching of ARG-BLN outage. Last Dispatched Mw: 10 |
| 14:40 | DISCRETION | Reduced BiPole North limit to maximum 780 MW to ensure secure dispatch was achieved prior to significant HVDC transfer changes. |
| 14:45 | DISCRETION | Reduced BiPole North limit to maximum 680 MW to ensure secure dispatch was achieved prior to significant HVDC transfer changes. |
| 14:50 | DISCRETION | Reduced BiPole North limit to maximum 580 MW to ensure secure dispatch was achieved prior to significant HVDC transfer changes. |
| 14:55 | DISCRETION | Reduced BiPole North limit to maximum 500 MW to ensure secure dispatch was achieved prior to significant HVDC transfer changes. |
| 00:53 | DISCRETION | OTA2202 OTC0 Discretion Clause 13.70, Part 13 ENR Min : 215 Start: 05-Nov-2013 00:53 End: 05-Nov-2013 06:00 Notes: Trader claimed rule 13.82a. Studies show that OTC is required for the morning load pickup.If OTC was to come off the Contact trader said it would be 2 days to a week before OTC would be available again. Last Dispatched Mw: 207.84 |
| 01:03 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 484 Start: 05-Nov-2013 01:03 End: 05-Nov-2013 01:30 Notes: Planned reduction line 1. 120 MW Last Dispatched Mw: 604 |
| 06:35 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 590 Start: 05-Nov-2013 06:35 End: 05-Nov-2013 07:00 Notes: TWI Line 3 load reduction Last Dispatched Mw: 714 |
| 10:06 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 530 Start: 05-Nov-2013 10:06 End: 05-Nov-2013 10:30 Notes: Line 1 offload (184MW) Last Dispatched Mw: 714 |
| 21:50 | DISCRETION | HVDC max override applied to dispatch DC down to 500MW by start of TP 45(2200) in accordance with Pole 2 limited market operation, X03. |
| 02:59 | DISCRETION | OTA2202 OTC0 Discretion Clause 13.70, Part 13 EN Min : 215 Start: 06-Nov-2013 02:59 End: 06-Nov-2013 06:00 Notes: Contact trading claimed a rule exemption under part 13.82a to be dispatched to a min value of 215MW. OTC required for security reasons and therefore is discretioned to min value of 215MW. Last Dispatched Mw: 190 |
| 13:11 | DISCRETION | ARI1101 ARI0 Discretion Clause 13.70, Part 13 ENR Max : 0 Start: 06-Nov-2013 13:11 End: 06-Nov-2013 13:30 Notes: Tripped with ARI KIN |

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| | | 1 & 2 Last Dispatched Mw: 62 |
| 13:12 | DISCRETION | KIN0112 KIN0 Discretion Clause 13.70, Part 13 ENR Max : 0 Start: 06-Nov-2013 13:12 End: 06-Nov-2013 13:30 Notes: Tripped with ARI KIN 1 & 2 Last Dispatched Mw: 32 |
| 13:49 | DISCRETION | HVDC Bipole south max of 600 MW, due to large HVDC ramping due in TP 29 |
| 23:53 | DISCRETION | OTA2202 OTC0 Discretion Clause 13.70, Part 13 ENR Min : 215 Start: 06-Nov-2013 23:53 End: 07-Nov-2013 06:00 Notes: CTCT trader claimed rule exemption 13.82a. Discretion applied for Security reasons, required for AM peak restart 24 to 48 hours. Last Dispatched Mw: 210.36 |
| 11:11 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 280 Start: 07-Nov-2013 11:11 End: 07-Nov-2013 12:00 Notes: Planned offload line 2 Last Dispatched Mw: 476 |
| 13:05 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 450 Start: 08-Nov-2013 13:05 End: 08-Nov-2013 13:30 Notes: TWI L3 offload Last Dispatched Mw: 630 |
| 15:22 | DISCRETION | SWN2201 SWN5 Discretion Clause 13.70, Part 13 ENR Max : 0 Start: 08-Nov-2013 15:22 End: 08-Nov-2013 15:30 Notes: Rule 13.82a claimed, not required for security Last Dispatched Mw: 28.71 |
| 16:34 | DISCRETION | ARG1101 BRR0 Discretion Clause 13.70, Part 13 ENR Max : 0 Start: 08-Nov-2013 16:34 End: 08-Nov-2013 17:00 Notes: Last Dispatched Mw: 11. Required to switch ARG_BLN_1 in service. |
| 12:01 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 529 Start: 11-Nov-2013 12:01 End: 11-Nov-2013 12:30 Notes: Planned offload line 1, 185MW. Last Dispatched Mw: 714 |
| 11:45 | DISCRETION | HVDC Bipole North transfer limited to 700 MW. Maximum transfer set by System Operator for system security during AUFLS event and cause identified. |
| 15:33 | DISCRETION | MKE1101 MKE1 Discretion Clause 13.70, Part 13 ENR Max : 80 Start: 12-Nov-2013 15:33 End: 12-Nov-2013 16:00 Notes: Security to manage HUI_MNI contingent event. Last Dispatched Mw: 93 |
| 17:04 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 300 Start: 13-Nov-2013 17:04 End: 13-Nov-2013 17:30 Notes: Line 1 reduction (110MW) Last Dispatched Mw: 410 |
| 08:23 | DISCRETION | WHI2201 WHI0 Discretion Clause 13.70, Part 13 ENR Min : 5 Start: 14-Nov-2013 08:23 End: 14-Nov-2013 09:00 Notes: System Security due to low residual. Minimum entered until industrial load ramped up :Last Dispatched Mw: 10.77 |
| 11:03 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 529 Start: 14-Nov-2013 11:03 End: 14-Nov-2013 11:30 Notes: Potline 3 Last Dispatched Mw: 714 |
| 11:05 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 228 Start: 16-Nov-2013 11:05 End: 16-Nov-2013 11:30 Notes: Last Dispatched Mw: 420. Line #3 potline (192 MW) |
| 18:03 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 310 Start: 16-Nov-2013 18:03 End: 16-Nov-2013 18:30 Notes: Last Dispatched Mw: 420 |
| 11:04 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 529 Start: 17-Nov-2013 11:04 End: 17-Nov-2013 11:30 Notes: Last Dispatched Mw: 714. Planned potline. Line #2 (185 MW) |

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| 00:38 | DISCRETION | OTA2202 OTC0 Discretion Clause 13.70, Part 13 EN Min : 250 Start: 19-Nov-2013 00:38 End: 19-Nov-2013 01:30 Notes: Rule 13.82A require for pole 2 testing and morning peak, required 250MW for startup.. Last Dispatched Mw: 231.56 |
| 11:36 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 274 Start: 20-Nov-2013 11:36 End: 20-Nov-2013 12:00 Notes: Last Dispatched Mw: 476. Planned Potline # 3 |
| 02:04 | DISCRETION | OTA2202 OTC0 Discretion Clause 13.70, Part 13 ENR Min : 211 Start: 21-Nov-2013 02:04 End: 21-Nov-2013 06:30 Notes: Discretion applied to keep OTC on as schedules showed SRC close to zero or negative if wind generation diminished. Last Dispatched Mw: 182.13 |
| 02:07 | DISCRETION | HLY2201 HLY5 Discretion Clause 13.70, Part 13 ENR Min : 190 Start: 21-Nov-2013 02:07 End: 21-Nov-2013 06:30 Notes: Discretion applied to keep HLY unit 5 on as schedules showed SRC close to zero or negative if wind generation diminished. Last Dispatched Mw: 190 |
| 15:01 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 529 Start: 22-Nov-2013 15:01 End: 22-Nov-2013 15:30 Notes: Planned offload of Line 2 of 185 MW. Last Dispatched Mw: 714 |
| 11:03 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 374 Start: 24-Nov-2013 11:03 End: 24-Nov-2013 11:30 Notes: Last Dispatched Mw: 564. Potline, Line #3 (190 MW). |
| 09:29 | DISCRETION | SWN2201 SWN5 Discretion Clause 13.70, Part 13 ENR Min : 47 Start: 26-Nov-2013 09:29 End: 26-Nov-2013 10:30 Notes: Required for security Last Dispatched Mw: 47 |
| 10:03 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 573 Start: 26-Nov-2013 10:03 End: 26-Nov-2013 10:30 Notes: Tiwai Aluminium Smelter Line 3 reduced Load Last Dispatched Mw: 683.29 |
| 10:21 | DISCRETION | SWN2201 SWN5 Discretion Clause 13.70, Part 13 EN Min : 30 Start: 26-Nov-2013 10:21 End: 26-Nov-2013 10:30 Notes: Needed for Security Last Dispatched Mw: 47 |
| 17:31 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 534 Start: 26-Nov-2013 17:31 End: 26-Nov-2013 18:00 Notes:Tiwai Aluminium Smelter Emergency Potline L2 Last Dispatched Mw: 714 |
| 11:05 | DISCRETION | MAN2201 MAN0 Discretion Clause 13.70, Part 13 EN Max : 530 Start: 27-Nov-2013 11:05 End: 27-Nov-2013 12:00 Notes: Potline Line 1 Last Dispatched Mw: 714 |

This report was published by the Market Administrator on 17/12/2013. For further inquiries please contact the Market Administrator at the Electricity Authority or send an email to marketoperations@ea.govt.nz.