

STANDARD SITE ABBREVIATIONS

The basis of this document is standardised by the electricity generating companies listed, and will be followed by these parties and amended only after agreement between them. – Enquiries to the Generation Procedures Group, C/o Harvey O'Sullivan Consulting Ltd, email Harvey@hosconsulting.co.nz.

| | |
|-----------------------|------------------|
| Revision No: | 1 |
| Revision Date: | May 2018 |
| Issue Date: | Sept 2015 |

PREPARATION OF GENERATION PROCEDURES

Generation procedures are prepared by a consensus process involving representatives nominated by major generating companies in NZ, and prominent training providers. These procedures may be derived from existing industry procedures, from established international procedures and practices or may be developed by the Generation Procedures Group itself.

The following companies are represented on the Generation Procedures Group which developed this procedure:

- Genesis Energy Ltd
- Meridian Energy Ltd
- Mercury NZ Ltd
- TrustPower
- Nova Energy
- Contact Energy Ltd
- The Energy Trainers
- Transpower

Copyright

Copyright in this document is jointly owned by the above named parties.

All rights reserved. No part of this document may be reproduced or copied in any form or by any means without the written permission of the copyright owners.

Administration

Administration provided by Harvey O'Sullivan Consulting Ltd, Tel: (04) 384-9559. Email harvey@hosconsulting.co.nz

Disclaimer

This document has been prepared by a group of representatives of the electricity industry for the purpose of providing principles on safety and other practices for use by the generation sectors of that industry. It sets out standards considered to be appropriate for the electricity industry; in some instances further procedures will need to be developed in order to implement those standards. Although this document is recommended by industry representatives, it is not legally binding; as such, the industry representatives involved in its development can accept no liability or responsibility for any injury, loss, damage, or any other claims caused by or resulting from any inaccuracy in or incompleteness of the document.

Preface to Issue 4, Rev 1:

This Issue 4 Rev 1 includes amendments to the procedure as follows;

- The equivalent Transpower document (TP.AG 10.11) no longer contains the appendices with the abbreviations, these now being located on another location in the Transpower website.
- The approvals procedure managed by Transpower has been altered to provide that the generation sector gives approval first, then Transpower manages its approval process.

This revision includes the following new three-letter codes (added to Appendix B):

| | |
|---------------------------|-----|
| Kaiwera Downs | KWD |
| Te Ahi O Maui | TAM |
| Murchison Comms Cable Pit | MCP |
| Nelson Electricity | NEL |
| Aurora | AUR |

The following codes have been removed, i.e. moved from App B to App D:

| | |
|---|-----|
| Delta Utility Services | DUS |
| Aurora Energy Limited (Previously Dunedin Electricity) | DUE |

The following codes have been moved from App B to App C:

CONTENTS

1.0 PURPOSE 1
2.0 APPLICATION 1
3.0 POLICY 2
4.0 PRINCIPLES 2
5.0 APPROVAL PROCESS 3
6.0 RE-USE OF PREVIOUSLY USED ABBREVIATIONS 3

APPENDICES

A References and Related Documents5
B Standard Site Abbreviations6
C Additional Site Abbreviations Used Within Generation Sector29
D Abbreviations for Decommissioned and Non-Operational Sites35

1.0 PURPOSE

The purpose of this document is to list;

- standard three character abbreviations for all sites within the electricity supply industry which have operational significance for the System Operator to enable the management, operation, or maintenance of the power generation and transmission network, as set out in TP.AG 10.11.
- three character abbreviations used within the generation sector only but which do not have operational significance for the System Operator and are not listed in the Transpower register.

This document has been developed in collaboration with Transpower primarily to ensure operational safety when using site abbreviations in the course of operating electrical and hydraulic equipment associated with the power generation and transmission system.

2.0 APPLICATION

2.1 When abbreviations are used

Three-letter abbreviations are used in power system operations to facilitate (for example) the automatic or manual recording of events (logging), the writing and execution of operating sequences, written assurances, permits and transfers of operational control, and for the identification of sites and assets on user interfaces (HMI's), station drawings and physical structures.

2.2 When abbreviations are required by the System Operator

A unique three-letter abbreviation may be required by the System Operator for the following:

- to identify sites and/or assets in the power system for which written operational communications to/from, or logging by, the National Grid Operating Centre (NGOC) or National Co-ordination Centre (NCC) may be required.
 - typically, these sites or assets are control centres, substations, generating stations, transmission circuits, transmission line tee or deviation points, and associated equipment labelling
- to identify communications sites (typically repeater stations) that, together with communications facilities at some of the sites listed above, provide the communications infrastructure necessary for operations.
- to identify organisations involved in power system operational communications with the National Grid Operating Centre (NGOC) and/or the National Co-ordination Centre (NCC); including:
 - generators (or generator control centres) where the generator has assets subjected to system operator dispatch procedures.
 - generators (or generator control centres), direct consumers and lines companies that have assets that connect to the power system
- to identify groups of generating units or stations that are station or block dispatched.

- to identify ancillary service providers.

2.3 When abbreviations are required within generation

In addition to the System Operator requirements in 2.2. above, the generation sector requires the use of three-letter abbreviations;

- to identify significant equipment that may be subject to operating order and assurance requirements

3.0 POLICY

- 3.1 The approval and use of three-letter abbreviations for use in power system operations and for generation operations is strictly controlled to ensure the correct identification of any site, asset or control centre.
- 3.2 Where required, a unique three character abbreviation shall be used for every site that is operationally significant in the management, operation, or maintenance of the power generation and transmission system.
- 3.3 A specific site will normally have only one abbreviation, except that two or more may be permissible to identify separate operational functions at the one site.
- 3.3 A common, mutually agreed abbreviation shall be used for sites which are shared with another party.
- 3.4 The allocation and approval of site abbreviations required for operationally significant equipment is the responsibility of the System Operator. The allocation and approval of site abbreviations for the balance of generation equipment shall be the responsibility of the Generation Procedures Group.
- 3.5 Three character abbreviations shall be allocated at the conceptual stage of a project but will be published only when the project is approved.
- 3.6 Abbreviations already commonly used for technical terms or equipment shall not be used for site abbreviations, e.g. KWH, CVT, etc.
- 3.7 Abbreviations other than those of three characters are not within the scope of this document.

4.0 PRINCIPLES

- 4.1 The standard three character site abbreviations listed in Appendices B and C shall be used where required. Typical examples of use are station logs, standard operating orders, authorisations, assurances, transfer of control, panel and equipment labelling, data transmission, recording information, inclusion on drawings and in written correspondence.
- 4.2 Standard three character abbreviations shall not be allocated for a “once only” or very limited use.
- 4.3 Abbreviations should, wherever possible, suggest the site name concerned.

NOTE: Where site names share words in common, such as “Mount (Mt.)” or “New Zealand (NZ)”, abbreviations should concentrate on those words in a name that make each location unique.

- 4.4 When using abbreviations for lakes, the word “lake” is normally ignored unless there is any risk of confusion, eg. similar data from a closely related source or from a station or control structure of the same name.
- 4.5 Only power stations which connect to the power system or meet minimum generation capacity criteria (see 4.10 below) are included in this document
- 4.6 Where possible, existing conventions will be adhered to, e.g.
- Abbreviations for control centres will end in a ‘C’
 - Tee sites will take the name of the relevant substation, with the last letter changed to ‘T’, eg Bells Pond (BPD) and Bells Pond Tee (BPT). (Not retrospective)
- 4.7 Abbreviations shall not use the asset owner’s name (for generation asset owners)
- 4.8 Abbreviations shall not use any suffix for the type of generation, e.g. W for wind
- 4.9 Abbreviations should use a geographic basis or the name of the generation facility.
- 4.10 Abbreviations should include those for embedded generation in particular where the embedded generation capacity is significant, i.e. 5 MW or more. Generation capacity is measured at a point of connection, with a point of connection having a single code.

Note: Embedded generation outside this criteria may be considered if necessary or viewed as beneficial.

5.0 APPROVAL PROCESS

- 5.1 The approval process for three-letter abbreviations required for power system operation is controlled by the System Operator and set out in TP.AG 10.11.
- 5.2 The Generation Procedures Group is a member of the ‘approvals group’ for abbreviations under TP.AG 10.11 (Refer to Appendix C of TP.AG 10.11)
- 5.3 Three-letter abbreviations for generation sector only use are approved by the Generation Procedures Group.
- 5.4 Applications for a new generation sector abbreviation shall be submitted to the GPG administrator by email at harvey@hosconsulting.co.nz. The application shall include the following information;
- Applicants company name
 - Applicants name and contact details
 - Description of location for which an abbreviation is requested, particularly the geographic description.
 - Preferred three-letter abbreviation based on geographic location (not being an existing code from App B or App C)

6.0 RE-USE OF PREVIOUSLY USED ABBREVIATIONS

- 6.1 TP.AG 10.11 sets out the System Operator principles for the re-use of withdrawn abbreviations.
- 6.2 Abbreviations moved from operational status to non-operational status in the Transpower register and which are still current within the generation sector and listed

in GPG 201 Appendix C continue to have recognition for on-going use, and the GPG may decline approval for their use by another part of the industry.

APPENDIX A - REFERENCES AND RELATED DOCUMENTS

TP.AG 10.11 Standard three-letter abbreviations for use in power system operations.
 (This is the equivalent Transpower document.)

APPENDIX B

B STANDARD SITE ABBREVIATIONS

NOTES:

1. Site names are listed in alphabetical order.
2. The classification "other" is used only when none of the other categories apply and there is some additional identifiable role.
3. Appendix B is identical to the codes with 'operational' status in the Transpower register except that it is ordered by site name rather than abbreviation.

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|---------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---------------------|
| A | | | | | | |
| Addington | ADD | • | | • | | |
| Addington Warehouse | ADW | | | • | | |
| Albany | ALB | • | | • | | |
| Albury | ABY | • | | • | | |
| Alpine Energy (Timaru) | ALP | | | | • | |
| Amethyst | AMS | | • | | | Embedded generation |
| Aniwhenua | ANI | | • | | | |
| Arapuni | ARI | • | • | • | | |
| Aratiatia | ARA | • | • | • | | |
| Argyle | ARG | • | • | • | | |
| Arnold | ALD | | • | | | Embedded Generation |
| Arthur's Pass | APS | • | | • | | |
| Ashburton | ASB | • | | • | | |
| Ashley | ASY | • | | • | | |
| Aspect Technology Limited | ASP | | | • | | |
| Atarau | ATU | • | | | | 110 kV |
| Atiamuri | ATI | • | • | • | | |
| Atiamuri Radio | ATR | | | • | | |
| Aurora Energy Limited | AUR | | | • | • | |
| Aviemore | AVI | • | • | • | | |
| Awhitu | AWU | | • | | | Wind farm |
| Axa House | AXH | | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|---|-------|-------------------------------------|------------------|----------------|------------------------------|---|
| B | | | | | | |
| Balclutha | BAL | • | | • | | |
| Bay of Plenty Electricity (Whakatane) | BPL | | | • | • | |
| Bells Pond | BPD | • | | | | |
| Bells Pond Tee | BPT | | | | | Tee point connection |
| Benmore | BEN | • | • | • | | |
| Berwick | BWK | • | | • | | |
| Big Hill | BGH | | | • | | |
| Blackpoint | BPT | • | | | | |
| Blackpoint Tee | BPC | | | | | Tee point connection |
| Blackwater | BWR | | | | | Transmission cct naming Point |
| Blenheim | BLN | • | | • | | |
| Blue Mountain Lumber | BML | | • | | | Embedded Generation |
| | | | | | | |
| Bog Roy | BGR | | | | | HVDC Electrode |
| Bombay | BOB | • | | • | | |
| Bombay Radio | BOR | | | • | | |
| Brackendale | BKD | | | | | Transmission Line Deviation Point |
| Branch River | BRR | | • | | | Embedded Generation |
| Bream Bay | BRB | • | | • | | |
| Bream Bay Diesel | BMB | | • | | | |
| Broken Hill Proprietary NZ Steel Ltd. (Glenbrook) | NZS | | • | • | • | |
| Bromley | BRY | • | | • | | |
| Brownhill Road | BHL | | | | | Cable terminal station |
| Brunswick | BRK | • | | • | | |
| Brydone | BDE | • | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|-------|
| Brynderwyn | BRN | | | • | | |
| Buller Network (Westport) | BUL | | | • | • | |
| Bunnythorpe | BPE | • | | • | | |
| Bunnythorpe Warehouse | BPW | | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-------------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|--|
| C | | | | | | |
| Cambridge | CBG | • | | • | | |
| Carrington Street | CST | • | | • | | |
| Carter Holt Harvey (Auckland) | CHA | | | | • | |
| Castle Hill | CLH | • | | • | | |
| Central Park | CPK | • | | • | | |
| Central Power (Palmerston North) | CEN | | | • | • | |
| Centralines | CNL | | | | • | |
| | | | | | | |
| Christchurch Tee | CHH | | | | | Transmission Line Deviation Point |
| Citipower (Nelson) | CTP | | | | • | |
| | | | | | | |
| Clutha Control Centre | CCC | | | • | | Control Centre |
| Clutha River | CLU | | | | | Block Dispatch Code/ Hydraulic Site |
| Clyde | CYD | • | • | • | | |
| Cobb | COB | • | • | • | | |
| Coleridge | COL | • | • | • | | |
| | | | | | | |
| | | | | | | |
| Contact Energy (Clyde) | CEC | | | • | | Office |
| Contact Energy (New Plymouth) | CEP | | | • | | Office |
| Contact Energy (Wellington) | CEW | | | • | | Office |

**GPG 201
Issue 4**

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---------------------------|
| Counties Power (Pukekohe) | CNP | | | • | • | |
| Cracroft | CRA | | | • | | |
| Cromwell | CML | • | | • | | |
| Culverden | CUL | • | | • | | |
| Culverden Transmission Tee | CUT | | | | | Transmission Tee point |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|--------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---|
| D | | | | | | |
| Dannevirke | DVK | • | | • | | |
| Dargaville | DAR | • | | • | | |
| | | | | | | |
| **Reserved Code** | DEV | | | | | Used to identify Transmission Line deviations |
| Dillons Point Road | DPR | | | • | | |
| Dillmans | DIL | | • | | | Embedded Generation |
| Dobson | DOB | • | | • | | |
| | | | | | | |
| Drury | DRY | • | | | | |
| Duffers | DFS | | • | | | Embedded Generation |
| | | | | | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|---------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|-------|
| E | | | | | | |
| Eastland Networks (Gisborne) | ELD | | | • | • | |
| Edendale | EDN | • | | • | | |
| Edgecumbe | EDG | • | | • | | |
| | | | | | | |
| Electralines (Levin) | ELA | | | • | • | |
| Electricity Ashburton | EAL | | | • | • | |
| Electricity Invercargill | EIN | | | | • | |

| | | | | | | |
|---|-----|--|--|---|---|----------------------|
| Electricity Market Company (Wellington) | EMO | | | • | | Energy Market Office |
| Electronet Services (Greymouth) | ENS | | | | • | |
| Emu Plains | EMU | | | • | | |
| Energy Link (Dunedin) | ELK | | | • | • | |
| Equinox | EQX | | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-----------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---------------------|
| F | | | | | | |
| Fernhill | FHL | • | | • | | |
| Fighting Bay | FTB | • | | • | | |
| Fighting Bay Radio | FTR | | | • | | |
| Fox | FOX | | • | | | Embedded Generation |
| Frankton (Queenstown) | FKN | • | | • | | |
| Fraser | FSR | | • | | | Embedded Generation |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-------------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|-----------------------------------|
| G | | | | | | |
| Genesis Auckland | GNA | | | • | | |
| Geothermal Group Control (Wairakei) | GGC | | | • | | Contact Energy Office |
| Geraldine Substation | GDE | • | | | | |
| Gisborne | GIS | • | | • | | |
| Glenavy | GNV | | | | | Transmission Line Deviation Point |
| Glenbrook | GLN | • | | • | | |
| Glenorchy | GCY | | • | | | Embedded Generation |
| Golden Bay Cement (Whangarei) | GLD | | | • | | |
| Gore | GOR | • | | • | | |
| Gore Tee | GOT | | | | | Transmission Tee Point |
| Gracefield | GFD | • | | • | | |

**GPG 201
Issue 4**

| | | | | | | |
|------------|-----|---|---|---|--|---------------------|
| Greenmount | GMT | | • | | | Embedded Generation |
| Greymouth | GYM | • | | • | | |
| Greytown | GYT | • | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|----------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---------------------------------|
| H | | | | | | |
| Hairini | HAI | • | | | | Land |
| Halfway Bush | HWB | • | | • | | |
| | | | | | | |
| Hamilton | HAM | • | | • | | |
| Hangatiki | HTI | • | | • | | |
| Hangawera | HNG | | | • | | |
| Hanmer Repeater | HAR | | | • | | |
| | | | | | | |
| Hau Nui | HAU | | • | | | Embedded Generation (wind farm) |
| Hawera | HWA | • | | • | | |
| | | | | | | |
| Haywards | HAY | • | | • | | |
| Hedgehope | HGP | | | • | | BCL Repeater |
| Henderson | HEN | • | | • | | |
| Hepburn Road | HEP | • | | • | | |
| Highbank | HBK | • | • | • | | |
| Highbrook A | HBA | | | | | Cable terminal station |
| Highbrook B | HBB | | | | | Cable terminal station |
| Hikurangi | HKI | | | • | | |
| Hinemaiaia | HMA | | • | | | Embedded Generation |
| Hinuera | HIN | • | | • | | |
| Hobson St | HOB | • | | | | Grid Exit Point |
| Hokitika | HKK | • | | | | |
| Horizon Energy Distribution Ltd. | HRZ | | | | • | |
| Hororata | HOR | • | | • | | |
| Horsham Downs Road | HDR | | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|--------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---|
| Huapai | HPI | • | | | | Transmission Line Deviation Point |
| Huirangi | HUI | • | | • | | |
| Huntly | HLY | • | • | • | | |
| Huntly Control Centre | HLC | | | | | Block Dispatch Code |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|--------------|-------|-------------------------------------|------------------|----------------|------------------------------|-------|
| I | | | | | | |
| Inangahua | IGH | • | | • | | |
| Invercargill | INV | • | | • | | |
| Islington | ISL | • | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---|
| J | | | | | | |
| Jack Henry | JKH | | | • | | |
| Jireh Consultants | JIR | | | • | | |
| Judgeford | JFD | | | | | Transmission Line Deviation Point |
| Junction Road | JRD | | • | | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-------------|-------|-------------------------------------|------------------|----------------|------------------------------|---------------------------------------|
| K | | | | | | |
| Kahikatea | KHT | | | • | | BCL Repeater |
| Kaipoi | KAI | • | | • | | |
| Kaikohe | KOE | • | | • | | |
| Kaikohe Tee | KOT | | | | | Transmission Tee point |
| Kaikoura | KKA | • | | • | | |
| Kaimai | KMI | | • | | | Trust Power embedded generation |
| Kaimanawa | KMA | | | • | | |
| Kaitaia | KTA | • | | • | | |
| Kaitawa | KTW | | • | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-------------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---|
| Kaitimako | KMO | • | | | | |
| Kaiwera Downs | KWD | | | | • | Trustpower |
| Kaiwharawhara | KWA | • | | • | | |
| Kaniere Forks | KNF | | • | | | Embedded Generation |
| Kaponga | KPA | | | | | Transmission Line Deviation Point |
| Kapuni | KPI | | • | | | |
| Karapiro | KPO | • | • | • | | |
| Kaukau | KAU | | | • | | |
| | | | | | | |
| Kawerau | KAW | • | | • | | |
| Kawerau | KWU | | • | | | |
| Kawerau Geothermal | KAG | | • | | | |
| Kawhaka | KHA | | | | | Transmission Line Deviation Point |
| Kensington | KEN | • | | • | | |
| Kikiwa | KIK | • | | • | | |
| Kimberly | KBY | • | | | | |
| Kimberly Tee | KBT | | | | | Transmission Line Tee |
| King Country Energy (Taumarunui) | KCE | | | • | • | |
| Kingsland | KLD | • | | | | Zone Substation Vector |
| Kinleith | KIN | • | | • | | |
| Klondyke | KLN | | | • | | |
| Kokiri | KKI | • | | | | |
| Kopu | KPU | • | | • | | |
| Kourarau | KOR | | • | | | Embedded generation (mini hydro) |
| Kumara | KUM | • Westpower | • | • | | Customer's Comms Site |
| Kumara Head Pond | KUC | | | • | | |
| Kuranui | KNI | | | • | | |
| Kuratau | KUR | | • | | | Embedded Generation |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|------------------------------|
| L | | | | | | |
| Landing Hill | LAH | | | • | | Repeater |
| Lichfield | LFD | • Vector | | • | | |
| Lichfield Kinleith Tee | LFT | | | | | Transmission Tee point |
| Lichfield Repeater | LFR | | | • | | |
| Linton | LTN | • | | • | | |
| Liverpool St | LST | • | | | | Zone Substation Vector |
| Livingstone | LIV | • | | • | | |
| Lloyd Mandeno | LMD | | • | | | Embedded Generation |
| Logburn Road | LGN | • | | | | 110/33/11 kV |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---------------------------|
| M | | | | | | |
| Mahinerangi | MAH | | • | | | Wind Farm |
| Main Power (Rangiora) | MPW | | | | • | |
| Main Power (Rangiora Sub) | RRA | | | • | • | |
| Major Jones | MJO | | | • | | |
| Makara High | MKR | | | • | | BCL Repeater |
| Makara Hill Tee | MHT | | | | | Transmission Tee Point |
| Makara Village Repeater | MVR | | | • | | |
| Manapouri | MAN | • | • | • | | Block Dispatch Code |
| Mangahao | MHO | • | • | • | | |
| Mangamaire | MGM | • | | • | | |
| Mangatangi | MGT | | • | | | Embedded Generation |
| Mangere | MNG | • | | • | | |

**GPG 201
Issue 4**

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|------------------------------------|-------|-------------------------------------|------------------|-----------------|------------------------------|---------------------------|
| Mangorei | MGR | | • | | | Embedded Generation |
| Manunui | MUI | | | • | | |
| Maraetai | MTI | • | • | • | | |
| Marlborough Electric (Blenheim) | MLB | | | • | • | |
| Marsden | MDN | • | | • | | |
| Marton | MTN | • | | • | | |
| Masterton | MST | • | | • | | |
| Matahina | MAT | • | • | • | | |
| Matahina Lookout | MAL | | | • Trustpower | | |
| Mataroa | MTR | • | | • | | |
| Maui | MAU | | | | | Maui gas supply |
| Maungatapere | MPE | • | | • | | |
| Maungaturoto | MTO | • | | • | | |
| Maunu | MNU | | | • | | |
| McKays Creek | MKY | | • | | | Embedded Generation |
| McKee | MKE | | • | | | Peaking Plant |
| McKee Tee | MKT | | | | | Transmission Tee Point |
| Melling | MLG | • | | • | | |
| Mercury Energy (Auckland) | MRC | | | • | • | |
| Meridian Control Centre | MCC | | | • | | Control Centre |
| Meridian Energy Christchurch | MEC | | | • | | Office |
| Meridian Energy Hawkes Bay | MHB | | | | | Interruptible Load |
| Mercury Energy Wellington | MEW | | | • | | Office |
| Meteorological Office | MET | | | | | Weather Office |
| Metering Services Ltd | MSL | | | • | | |
| Methanex (Motunui) | MNX | | | | • | |
| Middleton | MLN | • | | | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|--|-------|-------------------------------------|------------------|----------------|------------------------------|---------------------------|
| Middleton Tee | MLT | | | | | Transmission Tee Point |
| Mighty River Power – Power Management Unit | MRG | | | • | | Control Centre |
| Mighty River Power – Generation Group Office | MRH | | | • | | |
| Mighty River Power Limited, Auckland | MRP | | | • | | |
| Mill Creek | MCK | | • | | | Wind Farm |
| Miramar | MCS | | | • | | Cable Store |
| Moana | MOA | | | • | | |
| Mobile Substations | MSX | • | | | | |
| Moirs Hill | MOI | | | • | | |
| Mokai (Generator) | MOK | | • | | | |
| Mokai (Switchyard) | WKU | • | | | | |
| Molesworth | MOL | | | • | | |
| Monowai | MON | | • | | | |
| Montalto | MOO | | • | | | |
| Morrinsville | MVE | • | | | | |
| Motueka | MOT | • | | • | | |
| Motukawa | MTK | | • | | | Embedded Generation |
| Motunui | MNI | • | | • | | |
| Mound Road | MND | | | • | | |
| Mt. Cargill | MCA | | | • | | |
| Mt. Climie | MCL | | | • | | |
| Mt. Grey | MGY | | | • | | |
| Mt. Hikurangi | MHI | | | • | | |
| Mt. Mary (High Site) | MMY | | | • | | |
| Mt. Maunganui | MTM | • | | • | | |
| Mt. Misery | MIS | | | • | | |
| Mount Munro | MMO | | • | | | Wind Farm |
| Mt. Pleasant | MPL | | | • | | |
| Mt. Ranginui | MRI | | | • | | |

**GPG 201
Issue 4**

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---|
| Mt. Roskill | ROS | • | | • | | |
| Mt Stuart | MSU | | | • | | BCL Repeater |
| Mt. Studholme | MSM | | | • | | |
| Mt. Tamahunga | MTH | | | • | | |
| Mt. Threave | MTV | | | • | | |
| Murchison | MCH | • | | • | | |
| Murchison Comms Cable Pit | MCP | | | • | | Comms cable termination at Chorus pit |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|--|-------|-------------------------------------|------------------|----------------|------------------------------|---------------------------|
| N | | | | | | |
| Naseby | NSY | • | | • | | |
| National Co- ordination Centre (North/South) | NCC | | | • | | |
| National Park | NPK | • | | • | | |
| Nelson Electricity | NEL | | | | • | |
| Netlink | NTL | | | • | | |
| Netway Christchurch | NYC | | | • | | |
| Network Tasman (Richmond) | NWT | | | | • | |
| Network Waitaki | NWW | | | | • | |
| New Plymouth | NPL | • | • | • | | |
| New Plymouth Radio | NPR | | | • | | |
| New Zealand Aluminium Smelters | NAS | | | | • | |
| Nga Awa Purua | NAP | • | • | | | |
| Nga Awa Purua Tee | NAT | | | | | Transmission Tee Point |
| Ngatamariki | NTM | | • | | | |
| Ngawha | NGA | | • | | | Embedded Generation |
| North Makarewa | NMA | • | | • | | |
| North Power (Whangarei) | NPW | | | • | • | |
| North Range Road East | NRR | | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-----------------------|-------|-------------------------------------|------------------|----------------|------------------------------|-------|
| North Range Road West | NRW | | | • | | |
| Northern Data Centre | NDC | | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|--------------------------|-------|-------------------------------------|------------------|-------------------|------------------------------|-------------------------------------|
| O | | | | | | |
| Oamaru | OAM | • | | • | | |
| Obelisk | OBK | | | | | Radio Repeater |
| Ohaaki | OKI | • | • | • | | |
| Ohakune | OKN | • | | • | | |
| Ohakuri | OHK | • | • | • | | |
| Ohakuri Dam Radio | OHD | | | • Mighty River | | |
| Ohau | OHU | | | | | Hydraulic Site/ Block Dispatch Code |
| | | | | | | |
| Ohau A | OHA | • | • | • | | |
| Ohau B | OHB | • | • | • | | |
| Ohau C | OHC | • | • | • | | |
| Ohinewai | OHW | • | | | | |
| Ohinewai Radio Hut | OHR | | | • | | |
| Okere | OKE | • | | • | | |
| | | | | | | |
| Omaka | OMK | | | • | | |
| Onepu | ONU | | • | | | |
| Ongarue | ONG | • | | • | | |
| Opihi | OPI | | | | | Transmission Line Deviation Point |
| Opuha Hydro | OPU | | • | | | Embedded Generation |
| Opunake | OPK | • | | • | | |
| Orion (Christchurch) | ORN | | | | • | |
| Orion (Armagh St Office) | OAO | | | • | | |
| Ormiston Rd | ORM | | | | | Cable terminal station |
| | | | | | | |

**GPG 201
Issue 4**

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|---------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|--------------------------------|
| Orowaiti Tee | ORO | | | | | Transmission Line Tee Point |
| Otago Power (Balclutha) | OTP | | | • | • | |
| Otahuhu | OTA | • | | • | | |
| Otahuhu Combined Cycle Plant | OTC | | • | | | |
| Otahuhu Gas Turbine Station | OTG | • | • | • Contact | | |
| Otahuhu Warehouse | OTW | | | • | | |
| | | | | | | |
| Otematata Radio | OTR | | | • | | |
| Oteranga Bay | OTB | • | | • | | |
| Otira | OTI | • | | • | | |
| Owhata | OWH | • | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-------------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---|
| P | | | | | | |
| Paekakariki | PKK | | | | | Transmission Line Deviation Point |
| Paerau | PRU | | • | | | Embedded Generation |
| Paeroa Range | PAR | | | • | | |
| Pakuranga | PAK | • | | • | | |
| Palmerston | PAL | • | | • | | |
| Pan Pacific Forestry (Whirinaki) | PNP | | | • | • | |
| Papanui | PAP | • | | • | | |
| Paparoa | POA | | | • | | |
| Paraparaumu | PRM | • | | • | | |
| Paraparaumu Tee | PRT | | | | | Transmission Line Tee Point |
| Patea | PTA | | • | | | |
| Patearoa | PTR | | • | | | Embedded Generation |
| | | | | | | |
| Pauatahanui | PNI | • | | • | | |
| Pautahanui Tee | PNT | | | | | Transmission Line Tee Point |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|----------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---|
| Penrose | PEN | • | | • | | |
| Piako | PAO | • | | | | |
| Pihanga | PHG | | | • | | |
| Piriaka | PRK | | | • | | |
| Piripaua | PRI | | • | | | |
| | | | | | | |
| Poihipi | PPI | | • | • | | |
| Poike | PIE | | | | | Transmission Line Deviation Point |
| Portable Switchboard 33/11 kV | PSX | | | | | Portable switchboard |
| Power Co. (Wanganui) | PCO | | | • | • | |
| PowerNet (Invercargill) | PNL | | | | • | |
| Power System Consultants | PSC | | | • | | |
| | | | | | | |
| Pukekura | PKE | | | • | | |
| Pukepoto (Rotorua) | PUK | | | • | | |
| Putaruru | PTU | • | | | | |
| Putauaki | PUT | | | • | | |
| Putauaki | PTK | | • | | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|----------|-------|-------------------------------------|------------------|----------------|------------------------------|------------------------------|
| Q | | | | | | |
| Quay St | QST | • | | | | Zone Substation Vector |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|----------|-------|-------------------------------------|------------------|----------------|------------------------------|------------------------|
| R | | | | | | |
| Raekahu | RAE | | | • | | |
| Raetihi | RTI | | • | | | Embedded Generation |
| Rangipo | RPO | • | • | • Genesis | | |
| | | | | | | |

**GPG 201
Issue 4**

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|--|-------|-------------------------------------|------------------|----------------|------------------------------|---|
| Rangipo Intake Radio | RRR | | | • Genesis | | |
| Rangipo Surge Chamber | RPS | | | • Genesis | | |
| | | | | | | |
| Rangitoto Hills | RTO | | | | | Transmission Line Deviation Point |
| Rangitumau | RGU | | | • | | |
| Redclyffe | RDF | • | | • | | |
| Reefton (Old sub) | RFT | | | • | | |
| Reefton (New sub) | RFN | • | | | | |
| Reefton Repeater (BCL) | RFR | | | • | | |
| Reefton Tee | RFC | | | | | Transmission Tee Point |
| | | | | | | |
| Regional Network Operating Centre Central (Transpower) | RCC | | | • | | |
| Regional Network Operating Centre North (Transpower) | RCN | | | • | | |
| Regional Network Operating Centre South (Transpower) | RCS | | | • | | |
| Retaruke | RTR | | | | | Transmission Line Deviation Point |
| Roaring Meg | RMG | | • | | | Embedded Generation |
| Robertson Street | ROB | • | | | | |
| Rogers White Christchurch | RWC | | | • | | |
| Rosedale | RSD | | • | | | Embedded Generation |
| | | | | | | |
| Rotokawa | RKA | | • | | | Embedded Generation |
| Rotorua | ROT | • | | • | | |
| Round Top | RTP | | | • | | |
| Roxburgh | ROX | • | • | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|--------------|-------|-------------------------------------|------------------|----------------|------------------------------|------------------------|
| Ruahihi | RHI | | • | | | Embedded Generation |
| Ruaotewhenua | RUA | | | • | | |
| Rudd Road | RRD | | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---|
| S | | | | | | |
| Scan Power (Dannevirke) | SCP | | | • | • | |
| Sequel (Morris Kent House) | SEQ | | | • | | |
| Silverdale | SVL | • ^{PNZ} | | | | |
| Silverdale Radio Hut | SVR | | | • | | |
| Silverstream | SVS | | • | | | Embedded Generation |
| SKY Tower | SKY | | | • | | |
| South Dunedin | SDN | • | | • | | |
| South Makara | SMK | | | | | Transmission Line Deviation Point |
| Southbrook | SBK | • | | • | | |
| Southdown | SWN | • | • | • | | |
| Southern Data Centre | SDC | | | • | | |
| Southpark Corporation | SPC | | | | • | |
| Springbok | SPR | | | • | | |
| Springston | SPN | • | | • | | |
| Station Peak (High Site) | STQ | | | • | | |
| Station Peak (Low Site) | STP | | | • | | |
| Stoke | STK | • | | • | | |
| Stratford | SFD | • | | • | | Station dispatch |
| Stratford Power Limited | SPL | | • | | | |

**GPG 201
Issue 4**

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-----------|-------|-------------------------------------|------------------|----------------|------------------------------|-------|
| Studholme | STU | • | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|---|-------|-------------------------------------|------------------|----------------|------------------------------|-------------------------------------|
| T | | | | | | |
| Taharoa C | THC | | • | | | Wind Farm |
| Tahurangi | TAI | | | • | | |
| Takaka Hill | TKL | | | • | | |
| Takanini | TAK | • | | • | | |
| Takanini Tee | TAT | | | | | Transmission Line Tee Point |
| Takapu Road | TKR | • | | • | | |
| Tangiwai | TNG | • | | • | | |
| Taraponui | TPI | | | • | | |
| Tararua Wind Central | TWC | | • | | | Wind farm |
| Tararua Wind Central Tee | TWT | | | | | Transmission line tee point |
| Tararua Wind Farm | TWF | | • | | | Wind Farm Embedded Generation |
| Tarawera Ormat Installation | TOI | | • | | | |
| Tarukenga | TRK | • | | • | | |
| Tasman Pulp and Paper Ltd. (Kawerau) | TSP | | | • | • | |
| Tauhara Binary Plant A | TAA | | • | | | |
| Tauhara Binary Plant B | TAB | | • | | | |
| Tauhara Binary Plant C | TAC | | • | | | |
| | | | | | | |
| Taumarunui | TMN | • | | • | | |
| Tauranga | TGA | • | | • | | |
| Tauranga Electricity | TGE | | | | • | |
| Taurewa | TRW | | | • | | |
| | | | | | | |
| Taylor Pass | TAY | | | • | | |
| Te Ahi O Maui | TAM | | | | • | Geothermal |
| Te Apiti | TAP | | • | | | Wind Farm |
| Te Awamutu | TMU | • | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|----------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---|
| Te Hikowhenua | THW | | | | | HVDC Electrode Station |
| Te Kaha | TKH | • | | • | | |
| Te Kowhai | TWH | • | | | | |
| Te Maire | TEM | | | • | | |
| Te Matai | TMI | • | | • | | |
| Te Mihi | THI | • | • | | | |
| Te Mihi Steam Field | TSF | | | | | Block Dispatch |
| Te Paki | TEP | | | • | | |
| Te Puroa | TEU | | | • | | |
| Te Rapa Co-gen | TRC | | • | | | Embedded Generation |
| | | | | | | |
| Te Uku | TUK | | • | | | Wind Farm |
| Te Weraiti | TEW | | | • | | |
| Tekapo | TEK | | | | | Hydraulic Site & Block Dispatch Code |
| Tekapo A | TKA | • | • | • | | |
| Tekapo A Radio | TKD | | | • | | |
| Tekapo B | TKB | • | • | • | | |
| Telstra Auckland | TEL | | | • | | |
| Temuka | TMK | • | | • | | |
| Teviot | TVT | | • | | | Embedded Generation |
| The Lines Company | TLP | | | | • | |
| Three Mile Hill | TMH | • | | • | | |
| Timaru | TIM | • | | • | | |
| Tin Hat Bluff | THB | | | • | | |
| Tiwai | TWI | • | | • | | |
| Tokaanu | TKU | • | • | • | | |
| Tokomaru Bay | TOB | • | | • | | |
| Tongariro River | TRO | | | | | Hydraulic Site/ Block Dispatch Code |
| Top Energy (Kaikohe) | TOP | | | • | • | |
| Tourere | TOU | | | • | | |
| Transpower Auckland | AKD | | | • | | Office |

GPG 201
Issue 4

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|--|-------|-------------------------------------|------------------|----------------|------------------------------|---------------------------|
| TP Christchurch (Show Place, Addington) | ADS | | | • | | Office |
| TP Christchurch Office | TPC | | | • | | Office |
| TP Palmerston North Office | TPP | | | • | | Office |
| Transpower House | TPT | | | • | | |
| Transpower House Boulcott | TPB | | | • | | |
| Tranz Rail Commuter Control (Wellington) | RLW | | | • | | Control Centre |
| Tranz Rail Traction Control (Palmerston North) | RLP | | | • | | Control Centre |
| Trustpower (Matapehi) | TRP | | | • | • | Block Dispatch Code |
| Tuai | TUI | • | • | • | | |
| Tuai Control Centre | TCC | | | | | Control Centre |
| Tuhingamata | TUH | | | • | | |
| Tukino | TKO | | | • | | |
| Twizel | TWZ | • | | • | | |
| Two Mile Road Tee | TMR | | | | | Transmission Tee Point |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|---|-------|-------------------------------------|------------------|----------------|------------------------------|-------|
| U | | | | | | |
| Unison Networks Ltd (was Hawkes Bay Networks) | UNN | | | | • | |
| United Networks Ltd | UNL | | | | • | |
| Upcot Saddle | UPC | | | • | | |
| Upper Hutt | UHT | • | | • | | |
| Upper Takaka | UTK | • | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|--------------------|-------|-------------------------------------|------------------|----------------|------------------------------|--------------------------|
| V | | | | | | |
| Vector Gas Control | VGC | | | | | Gas control |
| Vector Ltd | VLD | | | | • | Auckland line company |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-----------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---|
| W | | | | | | |
| Wahapo | WAH | | • | | | Embedded Generation |
| Waihopai | WOP | | • | | | Embedded Generation |
| Waihou | WHU | • | | • | | |
| Waikaremoana | WKA | | | | | Hydraulic Site/ Block Dispatch Code |
| Waikato Falls | WAF | | | • | | |
| Waikato River | WTO | | | | | Hydraulic Site/ Block Dispatch Code |
| Waikino | WKO | • | | • | | |
| Waimangaroa | WMG | • | | • | | |
| Waiouru Repeater | WUR | | | • | | |
| Waiotahi | WAI | • | | • | | |
| Waipa Power (Te Awamutu) | WPM | | | • | • | |
| Waipapa | WPA | • | • | • | | |
| Waipara | WPR | • | | • | | |
| Waipara Transmission Tee | WTT | | | | | Transmission Tee point |
| | | | | | | |
| Waipawa | WPW | • | | • | | |
| Waipori | WPI | | • | | | |
| Wairakei | WRK | • | • | • | | |
| Wairango | WRO | | | • | | |
| Wairau | WAU | | • | | | Embedded Generation |
| Wairau Road | WRD | • | | | | Grid Exit Point |
| | | | | | | |
| Wairoa | WRA | • | | • | | |
| Waitaki | WTK | • | • | • | | Hydraulic Site |
| Waitaki River | WTR | | | | | Hydraulic Site/ Block Dispatch Code |
| Wanganui | WGN | • | | • | | |
| | | | | | | |
| Waverley | WVY | • | | • | | |

**GPG 201
Issue 4**

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-----------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|--------------------------------|
| WEL Energy Group (Hamilton) | WEN | | | • | • | |
| Wellington Electricity | WGE | | | | • | |
| Wellsford | WEL | • | | • | | |
| Westfields Manukau | WFL | | | • | | Market participant |
| Western Road | WES | • | | • | | |
| Western Rd Tee | WET | | | | | Transmission Tee Point |
| Westport | WPT | • | | • | | |
| Westpower (Greymouth) | WSP | | | | • | |
| West Wind | WWD | | • | | | Wind Farm |
| Whakamaru | WKM | • | • | • | | |
| Whakamaru North | WHN | | | | | Transmission line naming point |
| Whakamaru Radio | WKR | | | • | | |
| Whakapapa Downstream | WKD | | | • Genesis | | |
| | | | | | | |
| Whakapapa Radio Hut | WKH | | | • Genesis | | |
| Whakapapaiti Lahar | WKT | | | • Genesis | | |
| Whakapapanui Lahar | WKN | | | • Genesis | | |
| Whakatu | WTU | • | | • | | |
| Whareroa | WAA | • | • | • | | |
| Wharepuhanga | WPH | | | • | | |
| Wharite | WTE | | | • | | |
| Wheao | WHE | | • | | | Embedded Generation |
| Whirinaki | WHI | • | | • | | |
| White Hill | WHL | | • | | | |
| Wilton | WIL | • | | • | | |
| Winstone Pulp (Tangiwai) | WIN | | | • | • | |
| Wiri | WIR | • | | • | | |
| Wiri Tee | WRT | | | | | Transmission Tee Point |
| Woodville | WDV | • | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-----------|-------|-------------------------------------|------------------|----------------|------------------------------|------------------------|
| Wye Creek | WYE | | • | | | Embedded Generation |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|------|-------|-------------------------------------|------------------|----------------|------------------------------|-------|
| X | | | | | | |
| Y | | | | | | |
| Z | | | | | | |

APPENDIX C

C ADDITIONAL SITE ABBREVIATIONS USED WITHIN GENERATION SECTOR

NOTES: Site names are listed in alphabetical order.

| SITE | ABBR. | POWER STATION | OTHER |
|--------------|-------|---------------|----------------|
| A | | | |
| Ahuriri | AHU | | Hydraulic site |
| Arapuni Lake | ARL | | Hydraulic site |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|-------|
| B | | | |
| | | | |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|------------------------|-------|---------------|----------------|
| C | | | |
| Coleridge Intake Gates | COI | | Hydraulic site |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|--------------|-------|---------------|----------------|
| D | | | |
| Dobson River | DBS | | Hydraulic site |
| Dunstan | DTN | | Hydraulic site |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|------|-------|---------------|-------|
|------|-------|---------------|-------|

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|-------|
| E | | | |
| | | | |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|-------|
| F | | | |
| | | | |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|-------|
| G | | | |
| | | | |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|--------------|-------|---------------|----------------|
| H | | | |
| Harper River | HPR | | Hydraulic site |
| Hawea | HWE | | Hydraulic Site |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|-------|
| I | | | |
| | | | |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|-------|
| J | | | |
| | | | |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|------|-------|---------------|-------|
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|---------------|-------|---------------|----------------|
| K | | | |
| Kawarau River | KWR | | Hydraulic site |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|----------------|
| L | | | |
| Lilybank | LBK | | Hydraulic site |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|------------------------|-------|---------------|----------------|
| M | | | |
| Mangaio Outfall | MGO | | Hydraulic site |
| Mangahao No.1 Lake | MH1 | | Hydraulic site |
| Mangahao No.2 Lake | MH2 | | Hydraulic site |
| Mangahao No.3 Lake | MH3 | | Hydraulic site |
| Manapouri Lake Control | MLC | | Hydraulic site |
| Manuherikia | MNA | | Hydraulic site |
| Moawhango River | MOR | | Hydraulic site |
| Mangatepopo Intake | MPP | | Hydraulic site |
| Moawhango | MWO | | Hydraulic site |

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|-------|
| N | | | |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|-------------|-------|---------------|----------------|
| O | | | |
| Okupta | OKP | | Hydraulic site |
| Otamangakau | OTM | | Hydraulic site |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|--------------|-------|---------------|--------------------------------------|
| P | | | |
| Pukaki | PKI | | Hydraulic Site Zone Substation |
| Poutu Canal | POC | | Hydraulic site |
| Poutu Dam | POD | | Hydraulic site |
| Poutu Intake | POI | | Hydraulic site |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|-------|
| Q | | | |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|-----------------------------|-------|---------------|----------------|
| R | | | |
| Rangitata Diversion Race | RDR | | Hydraulic site |
| Rangipo Intake/Dam | RPI | | Hydraulic site |
| Rotoaira | RTA | | Hydraulic site |
| Ruataniwha | RTH | | Hydraulic site |
| Rangitaiki River | RTK | | Hydraulic site |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|------|-------|---------------|-------|
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|----------------|-------|---------------|----------------|
| S | | | |
| Shotover River | SHO | | Hydraulic site |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|-----------------------|-------|---------------|----------------|
| T | | | |
| Te Anau | TAU | | Hydraulic site |
| Taupo Control Gates | TCG | | Hydraulic site |
| Tokaanu Intake | TKI | | Hydraulic site |
| Tokaanu Surge Chamber | TKS | | Hydraulic site |
| Te Anau Lake Control | TLC | | Hydraulic site |
| Taupo | TPO | | Hydraulic site |
| Tawhitikuri Intake | TWK | | Hydraulic site |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|-------|
| U | | | |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|-------|
| V | | | |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|------------------|-------|---------------|----------------|
| W | | | |
| Wanaka | WAN | | Hydraulic site |
| Wanganui Intake | WGI | | Hydraulic site |
| Wahianoa | WHA | | Hydraulic site |
| Waihohonu | WHO | | Hydraulic site |
| Whakapapa Intake | WKI | | Hydraulic site |
| Wakatipu | WPU | | Hydraulic site |
| Wairehu | WRU | | Hydraulic site |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|-------|
| X | | | |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|-------|
| Y | | | |
| | | | |
| | | | |

| SITE | ABBR. | POWER STATION | OTHER |
|----------|-------|---------------|-------|
| Z | | | |
| | | | |
| | | | |

APPENDIX D

D ABBREVIATIONS FOR DECOMMISSIONED AND NON-OPERATIONAL SITES

NOTE:

Appendix D is identical to the codes with 'non-operational' status in the Transpower register.

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|--|-------|-------------------------------------|------------------|----------------|------------------------------|------------------|
| A | | | | | | |
| Ahiweka | AHI | | | • | | |
| Anchor (Te Awamutu) | ANC | | • | | | |
| Aongatete | | • | | | | |
| Aqua A | AQA | | • | | | |
| Aqua B | AQB | | • | | | |
| Aqua C | AQC | | • | | | |
| Aqua D | AQD | | • | | | |
| Aqua E | AQE | | • | | | |
| Aqua F | AQF | | • | | | |
| Arahura | AHA | • | | • | | |
| Arapuni ECNZ Office | ARO | | | • | | ECNZ Office |
| Armourguard Christchurch | AMC | | | • | | |
| Arohena | ANA | • | | • | | |
| Ashburton (old 110kV) | ASH | • | | | | |
| Ashburton/Lyndhurst Checkgate | ALC | | | | | Hydraulic Site |
| Ashcott | ACT | | | • | | |
| Auckland Internat. Airport | AIA | | | | | Embedded network |
| Auckland Office (NZED) | ADO | | | | | ECNZ Office |
| Aurora Energy Limited (Previously Dunedin Electricity) | DUE | | | | | |
| B | | | | | | |
| Bakers Road | BKR | | | • | | |
| Baker Hill | BAK | | | • | | |
| Beeby's Knob | BBK | | | • | | |
| Belgrove | BEL | | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|--------------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|------------------------|
| Bell Block | BLB | | | • | | Natural Gas Control |
| Benmore A | BNA | | | | | ECNZ Office |
| Benmore B | BNB | | | | | ECNZ Office |
| Black Birch | BKB | | | • | | |
| Blagdon Hill | BDH | | | • | | |
| Bleak House Corner | BHC | | | • | | |
| Blue Mountains | BLU | | | • | | |
| Borland Saddle | BSL | | | • | | |
| Boundary Peak | BDP | | | • | | |
| Brightwater | BRW | | | | | GXP |
| Browns Hill | BRH | | | • | | |
| Bunynthorpe Area Operating Centre | BAC | | | | | Control Centre |
| C | | | | | | |
| Cairnbrae | CBE | • | | | | |
| Capital Power (Wellington) | CPW | | | • | • | |
| Cardrona | CDR | | | | | Hydraulic Site |
| Cashmere | CSM | | | | | Land |
| Castle Hill (VHF) | CLR | | | • | | |
| Chartwell Square Hamilton | CWL | | | | | Embedded Generation |
| Christchurch Office (NZED) | CDO | | | | | NZED Office |
| Central Electric | CEL | | | | • | |
| Central Hawke Bay Power | CHB | | | | • | |
| Central Waikato Area Office | CWO | | | | | ECNZ Office |
| Cleughearn Peak | CGP | | | • | | |
| Colliers Junction | CJN | | | • | | |
| Conway Spur | CWS | | | • | | |
| D | | | | | | |
| Dansey Pass | DNP | | | • | | |
| Delta Utility Services | DUS | | | | | |
| Diggings | DIG | | | • | | |
| Dods Road | DOD | | | • | | |
| Dunedin Office (NZED) | DNO | | | | | NZED Office |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|------------------------------------|-------|-------------------------------------|------------------|-------------------|------------------------------|-------------------------------|
| E | | | | | | |
| Egmont Electricity (Hawera) | EME | | | • | • | |
| Electra | HOW | | | • | • | |
| Electropower (Palmerston North) | EPW | | | • | • | |
| F | | | | | | |
| Flaxy | FLX | • | | | | Zone Substation |
| Fletcher Wood Panels | FWP | | | | | Interruptible Load |
| Forest Heights | FOR | | | • | | |
| Fuel Resources Group | FRG | | | | | ECNZ Office |
| Franz Josef Glacier | FRZ | • ^{WEST} | | | | Zone Substation |
| Frasertown | FTN | • | | | | Zone Substation |
| | | | | | | |
| G | | | | | | |
| GEC Alstom (Rotorua) | GAR | | | • | | Contractor's Office |
| Giles Creek Tee | GCK | | | | | Transmission Tee Point |
| Glenavy | GNY | | | | | TLT |
| Gooders Hamilton | GDH | | | • | | |
| Gooders Napier | GDN | | | • | | |
| Gooders Palmerston North | GDP | | | • | | |
| Greymouth AOC | GAC | | | | | Area Centre |
| H | | | | | | |
| Halfway Bush Area Operating Centre | HBC | | | | | Control Centre |
| Hamilton Area Operating Centre | HMC | | | | | Area/ Regional Control Centre |
| Hamilton River | HMR | | | • Mighty River | | |
| Hangaroa | HOA | | | • | | |
| Hanmer | HAN | | | | | Land |
| Hanmer Line Depot | HAN | | | | | Line Depot |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|---------------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|------------------------------|
| Harihari | HHI | ● Westpower | | | | Zone Substation |
| Hawke Bay Power | HBP | | | | ● | |
| Hawkes Bay Networks | HBN | | | | ● | |
| Hawkins Hill | HWH | | | ● | | |
| Haywards Area Operating Centre | HAC | | | ● | | |
| Head Office (NZED) | HDO | | | | | NZED Office |
| Heddon Bush | HDB | ● | | | | |
| Henderson Area Control | HNC | | | | | Area Centre |
| Hermitage (Mt. Cook) | HME | | | | | Hydraulic Site |
| High Peak | HPK | | | ● | | |
| Horowhenua | HOW | | | | | Power Board |
| HVDC Group | DCG | | | | | DC Valve Group (GMS term) |
| Hyde Rock | HYD | | | ● | | |
| I | | | | | | |
| Inner Waikato generation | IWK | | | | | Dispatch Block |
| Invercargill Office | INZ | | | | | NZED Office |
| Invercargill Area Operating Centre | INC | | | | | Control Centre |
| Islington Area Operating Centre | ISC | | | ● | | |
| J | | | | | | |
| Jackson's Lookout | JKL | | | ● | | |
| K | | | | | | |
| Kaahu | KHU | ● | | | | |
| Kaimarama | KMR | ● | | | | |
| Kakahi | KAK | | | ● | | |
| Kelly's Hill | KEL | | | ● | | |
| Kerepehi | KPE | ● | | | | |
| Khandallah | KHD | ● | | | | |
| Kirkdale | KIR | | | | | Embedded network |
| L | | | | | | |

GPG 201
Issue 4

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|---------------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|----------------------------------|
| Lake Ianthe | LIA | | | • | | |
| Leaning Rock | LNR | | | • | | |
| Levin Line Depot | LVN | | | | | Line Depot |
| Liefield | LCH | | | | | Land |
| Loganburn A | LBA | • | • | | | Wind Farm |
| Longburn | LBN | • | | | | |
| Ludstone Trig | LUD | | | • | | |
| Lower Mangapapa | LMG | | • | | | Embedded Generation |
| M | | | | | | |
| Manapouri Catchment | MPC | | | | | Hydraulic Catchment |
| Mangaokewa | MKA | • | | | | 110kV |
| Mangaonoho | MNO | • | | | | |
| Mangaweka Line Depot | MWK | | | | | Line Depot |
| Manor Park | MPK | | | | | Line Depot |
| Maraetai 50 kV | MTS | • | | | | |
| Mareo | MCO | | | • | | |
| Mareretu | MAR | • | | | | |
| Maroanui | MRN | | | • | | |
| Marotiri | MRR | • | | • | | |
| Marshlands (not built) | MLD | • | | | | |
| Matahina Reconstruction | MAO | • | | • | | Project Office |
| Maungakawa | MKW | | | • | | |
| Maungatapere Area Operating Centre | MAC | | | | | Area/ Regional Control Centre |
| Maungataureia | MNR | | | • | | |
| McLachlan | MCN | | • | | | Embedded Generation |
| Meremere | MER | • | | • | | |
| Methven | MVN | • | | | | |
| Middlehurst | MID | | | • | | |
| Mid Dome | MDM | | | • | | |
| | | | | | | Moved back to App B |
| Moturoa | MRA | • | | • | | |
| Motupipi | MPI | • | | • | | |
| Mt. Asheroft | MAS | | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|--|-------|-------------------------------------|------------------|----------------|------------------------------|----------------------------------|
| Mt. Bruce | MBR | | | • | | |
| Mt. Edgecumbe | MEG | | | • | | |
| Mt. Egmont | MET | | | • | | |
| Mt. Eringa | MEA | | | • | | |
| Mt. Erin | MEN | | | • | | |
| Mt. Hoeken | MHN | | | • | | |
| Mt. Mary (Low Site) | MMZ | | | • | | |
| Mt. Ngongotaha | MNH | | | • | | |
| Mt. Pleasant | MPL | | | • | | |
| Mt. Prospect | MPR | | | • | | |
| Mt. Rollesby | MRL | | | • | | |
| Mt. Southey | MSY | | | • | | |
| | | | | | | |
| N | | | | | | |
| National Institute of Water and Atmospheric Research (Alexandra) | NWA | | | | | Research Office |
| Napier Office (NZED) | NAD | | | | | NZED Office |
| Natural Gas Corp (Bell Block) | BLB | | | • | | Control Centre |
| Natural Gas Corporation (Waikato) | WNG | | | | | Interruptible load dispatch code |
| Network South (Timaru) | NWS | | | | • | |
| New Plymouth Control Centre | NPC | | | | | Control Centre |
| Ngahere | NGH | • Westpower | | | | Zone Substation |
| Normandale Tee | NMD | | | | | Transmission Line Tee |
| Northern Divisional Office | NDO | | | | | Transpower Hamilton |
| Northern Generation Control Centre | NGC | | | • | | Control Centre |
| Northern Generation Group | NGN | | | | | ECNZ Office |
| North Island Control Centre | NCC | | | • | | Control Centre |
| NZ Payroll | PAY | | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|---|-------|-------------------------------------|------------------|----------------|------------------------------|---|
| O | | | | | | |
| Oamaru Office | OMZ | | | | | NZED Office |
| Ohai | OHI | • | | | | |
| Ohau Canal | OCL | | | | | Hydraulic Site |
| Ohau B Canal | OBC | | | | | Hydraulic Site |
| Ohau C Canal | OCC | | | | | Hydraulic Site |
| Old Man Peak | OMP | | | • | | |
| Omoto | OMO | • | | | | |
| Onepoto | OIO | | | • | | |
| Orahamoe | OME | | | | | Land |
| Otahuhu Area Operating Centre | OAC | | | | | Control Centre |
| Otematata (Waitaki Group Office) | OTT | | | | | ECNZ Office |
| Outer Waikato generation | OWK | | | | | Dispatch Block |
| P | | | | | | |
| Palmerston North Office (NZED) | PND | | | | | NZED Office |
| Parawai | PRW | • | | | | |
| Patuatahi | PUI | • | | | | |
| Patutahi | PTI | | | • | | |
| Perey Saddle | PSL | | | • | | |
| Pike River | PIK | | | | • | Coal project branch off Dobson/Inang ahua line |
| Pleurisy Point | PLP | | | • | | |
| Poihipi Tee | PPT | | | | | Transmission Line Tee Point |
| Power Direct (Lower Hutt) | PDR | | | • | • | |
| Power New Zealand (Takapuna) | PNZ | | | • | • | Block Dispatch Code |
| PowerNet (Invercargill) | PWR | | | | • | |
| Price Waterhouse Centre Christchurch | PWC | | | • | | |
| Puakato | PKO | | | • | | |
| Pudding Hill | PDH | | | • | | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|------------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|-----------------|
| Pukaki Canal | PKC | | | | | Hydraulic Site |
| Pukaki Canal 8320m | PCF | | | | | Hydraulic Site |
| Pukaki Canal Inlet | PCI | | | | | Hydraulic Site |
| Pukeakura | PKA | | | • | | |
| Pukehoko | PHO | | | • | | |
| Pukemore | PKM | | | • | | |
| Pukenui | PUK | • | | | | |
| Pukepoto | PPO | | | • | | |
| Pukerua Bay | PKB | | | • | | |
| | | | | | | |
| | | | | | | |
| Pukewharariki | PKR | | | • | | |
| Punganui | PGI | • | | | | |
| Q | | | | | | |
| Quay Street | QST | | | | | NZED Depot |
| | | | | | | |
| Quinns Road | QUI | | | • | | |
| R | | | | | | |
| Rachel Range | RAC | | | • | | |
| Rapahoe | RAP | • ^{WEST} | | | | Zone Substation |
| Razorback | RAZ | | | • | | |
| Redclyffe Area Operating Centre | RDC | | | | | Control Centre |
| Roberts Line | RBL | | | • | | |
| Rodney | RDY | | • | | | |
| Ross | RSS | • Westpower | | | | Zone Substation |
| Rotorua Electricity | ROE | | | | • | |
| Rutherford House | RUH | | | • | | ECNZ Office |
| | | | | | | |
| S | | | | | | |
| Saddle Hill | SDH | | | • | | |
| Seaview Bulk Store | SVW | | | | | NZED Store |
| Sentinel Rocks | SLR | | | • | | |
| SEPS Office | SEP | | | | | NZED Office |
| Service Centre Christchurch | SCC | | | • | | Service Centre |
| Service Centre Hamilton | SCH | | | • | | Service Centre |

**GPG 201
Issue 4**

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|---------------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|--|
| Sewell Peak | SEW | | | • | | |
| South Head | SHD | | | • | | |
| Southern Divisional Office | SDO | | | | | Transpower Christchurch |
| Southern Generation Control Centre | SGC | | | • | | Control Centre/ Block Dispatch Code |
| Southern Generation Group | SGN | | | | | ECNZ Office |
| South Island Control Centre | SCC | | | • | | |
| Southpower | SPW | | | | • | |
| Stafford Ridge | STR | | | • | | |
| Stoke Area Operating Centre | STC | | | | | Control Centre |
| Stratford Area Operating Centre | SFC | | | | | Control Centre |
| Stratford SSB Radio | SFR | | | • | | |
| Stumpy | SPY | | | • | | |
| Sugar Loaf (Arthurs Pass) | SLF | | | • | | |
| Sugar Loaf (Port Hills) | SLP | | | • | | |
| Swampy Summit | SWA | | | • | | |
| Sylvia Park Store | SPK | | | | | NZED Store |
| | | | | | | |
| T | | | | | | |
| Taihape Line Depot | THP | | | | | NZED Line Depot |
| Taranaki Energy Zone 1 (New Plymouth) | TEN | | | | • | |
| Taranaki Energy Zone 2 (Eltham) | TEH | | | | • | |
| Tarukenga Area Operating Centre | TKC | | | | | Control Centre |
| Tasman Energy | TSE | | | | • | |
| Taupo Electricity | TPE | | | | • | |
| Te Awamutu (Anchor Plant) | ANC | | • | | | |
| Te Whaiiau | TWU | | | | | |
| | | | | | | |
| Tekapo Canal 8600m | TCN | | | | | Hydraulic Site |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-----------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|--------------------------|
| Tekapo Canal 19100m | TCF | | | | | Hydraulic Site |
| Tekapo Line Depot | TLD | | | | | NZED Line Depot |
| Thames | THS | • | | | | |
| Tokomaru West | TOW | | | • | | |
| Tongariro Generation Control | TGC | | | | | Control Centre |
| Totara Peak | TOT | | | • | | |
| TransAlta (Haywards) | TRA | | | | • | |
| TP Aurora House | TPA | | | • | | Office |
| TP Control Group | TPW | | | | | Transpower Group |
| Transpower House (Wgtn) | TPW | | | • | | Office |
| TP Dunedin Office | TPD | | | • | | Transpower Office |
| TP Hamilton Office | TPM | | | • | | Office |
| TP Power House | TPZ | | | • | | Transpower Office |
| TP Lambton House | TPL | | | | | Transpower Office |
| TP Rutherford House | TPR | | | | | Transpower Office |
| Tophouse | TPH | | | • | | |
| Twinlaw | TWN | | | • | | |
| Twizel Area Control | TAC | | | | | Area Centre |
| U | | | | | | |
| Umukuri | UMI | | | • | | |
| United Networks Tauranga | UNT | | | • | | |
| V | | | | | | |
| Valley Power | VAL | | | • | • | |
| W | | | | | | |
| Wahianoa Intake Gate | WIG | | | | | Hydraulic Structure |
| Waikato Electricity (Hamilton) | WKE | | | | • | |
| Waikato Lower River Block | WKL | | | | | Market Dispatch Block |
| Waikato Upper River Block | WKU | | | | | Market Dispatch Block |
| Waiotahi Radio | WAR | | | • | | |
| Waipa Power (Cambridge) | WPC | | | • | • | |
| Wairarapa Electricity | WRE | | | | • | |
| Wairoa Power | WRP | | | | • | |

| SITE | ABBR. | SUBSTATION/ SWITCHING STATION | POWER STATION | COMMS. SITE | POWER SYSTEM CUSTOMERS | OTHER |
|-------------------------------------|-------|-------------------------------------|------------------|----------------|------------------------------|---------------------|
| Waitaha | WTH | ● ^{WEST} | | | | Zone Substation |
| Waitaki Area Control | WAC | | | | | Control Centre |
| Waitaki Group Control Centre | WGC | | | ● | | Control Centre |
| Waitaki Power | WAP | | | | ● | |
| Waitemata Electricity (Auckland) | WME | | | ● | ● | |
| Waitomo Energy (Te Kuiti) | WMO | | | ● | ● | |
| Waituna West | WAW | | | ● | | |
| Waitohi Hill | WIT | | | ● | | |
| Wallace Peak | WLP | | | ● | | |
| Wards Pass | WPS | | | ● | | |
| Washdyke Line Depot | WDK | | | | | NZED Line Depot |
| Wellington | WGT | | | ● | | |
| West Coast Control Centre | WCC | | | ● | | Control Centre |
| West Melton | WMN | | | ● | | |
| Western Diversion | WTD | | | | | Hydraulic Site |
| Whakapapataringa | WHK | | | ● | | |
| Whakapunake | WHP | | | ● | | |
| Whataroa | WAT | ● ^{WEST} | | | | Zone Substation |
| Wheao | WEO | | | ● | | |
| Wigram Airbase | WGA | | | | | Embedded network |
| Winton | WTN | ● | | ● | | |
| Wrights Hill | WHH | | | ● | | |
| X | | | | | | |
| Y | | | | | | |
| Z | | | | | | |