

Wellington Electricity Decabit Load Control Channel Allocations

Updated 19 September 2023

| Master Command   | North Area Channel Number | South Area Channel Number | Register Content Codes | Current OFF Times              | Current ON Times               | Usage Description                     | Usage Detail   |
|--|---------------------------|---------------------------|------------------------|--------------------------------|--------------------------------|---------------------------------------|--|
| 100<br>(load shedding)<br><br><i>Note 1: An automatic ON signal is sent at 01.00 each morning to capture all ripple control receivers (relays) that may have failed to turn back on.</i> |                           | 0                         | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 1                         | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 2                         | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 3                         | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 4                         | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 5                         | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 6                         | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 7                         | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 8                         | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 9                         | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 10                        | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 11                        | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 12                        | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 13                        | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
|  |                           | 14                        | CN19 or *IN19          | system triggered               | system triggered               | Water Heating                         | Used for hot water load control  |
| 103<br>(storage heating)   |                           | 20                        | NB10                   | 07.00 to 13.00, 15.00 to 23.00 | 23.00 to 07.00, 13.00 to 15.00 | Storage Heating                       | Controls supply to night store heaters (includes afternoon boost)      |
|  |                           | 21                        | n/a                    | 17.00 to 18.30                 | 18.30 to 17.00                 | Storage Heating                       | See Note 2   |
|  |                           | 24                        | n/a                    | 07.00 to 13.00, 15.00 to 23.00 | 23.00 to 07.00, 13.00 to 15.00 | Storage Heating                       | See Note 2   |
|  |                           | 29                        | NB10                   | 07.00 to 13.00, 15.00 to 23.00 | 23.00 to 07.00, 13.00 to 15.00 | Storage Heating                       | Controls supply to night store heaters (includes afternoon boost)      |
| 106<br>(private)   |                           | 30                        | n/a                    | no signal                      | no signal                      | Water Pumps & Bowen Hospital          | See Note 2   |
| 109<br>(streetlighting)  |                           | 45                        | n/a                    | no signal                      | no signal                      | ANZAC Street Lighting                 | See Note 2   |
|  |                           | 46                        | n/a                    | photocell driven               | photocell driven               | Motorway Lights                       | Formerly controlled supply to SH lighting circuits: may still for some |
|  |                           | 47                        | n/a                    | photocell driven               | photocell driven               | Street Lights                         | Controls supply to public streetlight circuits                         |
| 110<br>(day-night rate metering)<br><br><i>Note 3: Wellington Electricity does not offer Day/Night pricing.</i>  |                           | 50                        | D16/N8                 | 07.00 to 23.00                 | 23.00 to 07.00                 | Two Rate Metering                     | Switches non-smart meters between Day/Night Register                   |
|  |                           | 53                        | n/a                    | 17.00 to 18.30                 | 18.30 to 17.00                 | Process Heating (May-Sep)             | See Note 2   |
|  |                           | 55                        | n/a                    | 07.00 to 23.00                 | 23.00 to 07.00                 | Day/Night Rate Changeover             | See Note 2 (superceded by channel 50)                                  |
|  |                           | 56                        | n/a                    | 23.00 to 07.00                 | 07.00 to 23.00                 | High Rate Nilsen Meter                | See Note 2   |
|  |                           | 57                        | n/a                    | no signal                      | no signal                      | Med Rate Nilsen Meter                 | See Note 2   |
|  |                           | 58                        | n/a                    | 07.00 to 23.00                 | 23.00 to 07.00                 | Low Rate Nilsen Meter                 | See Note 2   |
|  |                           | 50                        | D16/N8                 | 07.00 to 23.00                 | 23.00 to 07.00                 | Two Rate Metering (paired with below) | Switches non-smart meters between Day/Night Register                   |
|  |                           | 51                        | D16/N8                 | 07.00 to 23.00                 | 23.00 to 07.00                 | Two Rate Metering (paired with above) | Switches non-smart meters between Day/Night Register                   |
|  |                           | 52                        | D16/N8                 | 07.00 to 23.00                 | 23.00 to 07.00                 | Two Rate Metering                     | Switches non-smart meters between Day/Night Register                   |
|  | 53                        | n/a                       | no signal              | no signal                      | Zenerwatt Meters               | See Note 2                            |  |

Note 2: Channels shown in grey are ones which, to the best of we's knowledge, no longer serve a purpose. However, with the exception of those marked "no signal", ripple signals continue to be sent in case of any functioning relays which are still programmed to the channels.

Ripple frequencies

