wellington electricity™

# POWER LINES CHARGES

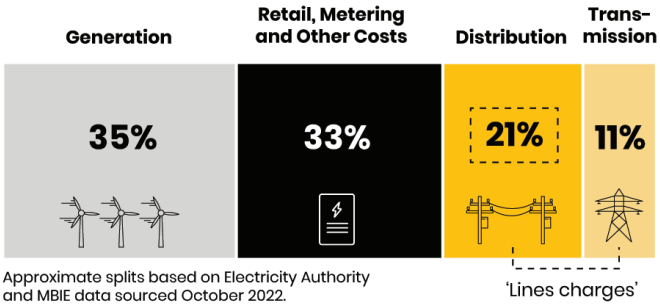
For Wellington Electricity consumers 1 April 2023

## Who is Wellington Electricity?

Wellington Electricity is your local lines company, responsible for managing the poles, wires and equipment that safely deliver electricity to Wellington, Porirua and the Hutt Valley. Our prices and quality standards are regulated under Part 4 of the Commerce Act, which is governed by the Commerce Commission.

## What makes up my electricity bill?

The electricity market in New Zealand is made up of a number of suppliers, each reflected in the different parts of your bill:




Approximate splits based on Electricity Authority and MBIE data sourced October 2022.

We combine our charges (distribution charges) with Transpower's transmission charges (the cost of running the National Grid) to make up **lines charges**, which electricity retailers (who you pay for power) then re-package with their own costs to make up your power bill. Retailer costs include the amount they pay generators, who create and sell electricity to retailers.

## What's changed?

The Electricity Authority has changed how it allocates transmission charges between consumer groups. This has resulted in the following changes to pricing on our network, effective 1 April 2023:

- Prices overall will decrease by 6%.
- Residential consumers will see a price decrease of 11% on average.
- Households on low-use electricity plans will receive a smaller decrease than those on standard-use plans, as this pricing category is being gradually removed over the next four years in line with the Government's phase-out of the low fixed charge tariff regulations (search 'low fixed charge tariff regulations' at mbie.govt.nz to find out more).
- Some commercial consumers will see price decreases this year, while others will see price increases. To reduce the impact of this, we're capping the average price increase for these consumer categories at 10% this year and will continue to smooth the transition over the coming years until completed.

*Note that these changes are dependent on how retailers package our lines charges.*

## Preparing for a carbon neutral future

The Government has put forward a number of initiatives to help reduce New Zealand's greenhouse gas emissions, including the electrification of transport and phase-out of natural (fossil) gas – both of which are expected to increase electricity demand.

Our electricity network has busy times, like roads at rush hour. If we get more demand than our equipment can handle, we can build a bigger network to support this. Alternatively, to keep prices as low as possible, we can work together to shift power usage away from these busy periods and avoid or delay the cost of having to build a bigger network.

Our Time of Use pricing encourages consumers to do this through using appliances during off-peak hours, which may include overnight electric vehicle charging. This year, we'll be developing new price structures that will allow us to offer new services for shifting power usage away from peak times. These will be reflected in 2024's pricing.

**For more information, visit:**

**welectricity.co.nz/pricing**

# LINES CHARGES FROM 1 APRIL 2023

| Code | Description | Units | 1 April 22 | 1 April 23 |
|---|---|---|---|---|
| **RESIDENTIAL PRICING** | | | | |
| **Residential Time of Use** | | | | |
| RLUTOU-FIXD | Residential low user time of use daily | $/con/day | 0.3000 | 0.4500 |
| RLUTOU-UC | Residential low user time of use uncontrolled | $/kWh | 0.0920 | 0.0695 |
| RLUTOU-AICO | Residential low user time of use all inclusive | $/kWh | 0.0730 | 0.0592 |
| RLUTOU-P-UC | Residential low user time of use peak[1] | $/kWh | 0.1253 | 0.1028 |
| RLUTOU-OP-UC | Residential low user time of use off-peak[2] | $/kWh | 0.0753 | 0.0528 |
| RLUTOU-P-AI | Residential low user time of use all inclusive peak[1] | $/kWh | 0.1075 | 0.0937 |
| RLUTOU-OP-AI | Residential low user time of use all inclusive off-peak[2] | $/kWh | 0.0575 | 0.0437 |
| RLUTOU-CTRL | Residential low user time of use controlled | $/kWh | 0.0476 | 0.0464 |
| RLUTOU-NITE | Residential low user time of use night boost | $/kWh | 0.0162 | 0.0162 |
| RSUTOU-FIXD | Residential standard user time of use daily | $/con/day | 0.9975 | 1.2349 |
| RSUTOU-UC | Residential standard user time of use uncontrolled | $/kWh | 0.0603 | 0.0337 |
| RSUTOU-AICO | Residential standard user time of use all inclusive | $/kWh | 0.0414 | 0.0235 |
| RSUTOU-P-UC | Residential standard user time of use peak[1] | $/kWh | 0.0936 | 0.0670 |
| RSUTOU-OP-UC | Residential standard user time of use off-peak[2] | $/kWh | 0.0436 | 0.0170 |
| RSUTOU-P-AI | Residential standard user time of use all inclusive peak[1] | $/kWh | 0.0758 | 0.0579 |
| RSUTOU-OP-AI | Residential standard user time of use all inclusive off-peak[2] | $/kWh | 0.0258 | 0.0079 |
| RSUTOU-CTRL | Residential standard user time of use controlled | $/kWh | 0.0184 | 0.0106 |
| RSUTOU-NITE | Residential standard user time of use night boost | $/kWh | 0.0144 | 0.0082 |
| **Residential** | | | | |
| RLU-FIXD | Residential low user daily | $/con/day | 0.3000 | 0.4500 |
| RLU-24UC | Residential low user uncontrolled | $/kWh | 0.0920 | 0.0695 |
| RLU-AICO | Residential low user all inclusive | $/kWh | 0.0730 | 0.0592 |
| RLU-CTRL | Residential low user controlled | $/kWh | 0.0476 | 0.0464 |
| RLU-NITE | Residential low user night boost | $/kWh | 0.0162 | 0.0162 |
| RSU-FIXD | Residential standard user daily | $/con/day | 0.9975 | 1.2349 |
| RSU-24UC | Residential standard user uncontrolled | $/kWh | 0.0603 | 0.0337 |
| RSU-AICO | Residential standard user all inclusive | $/kWh | 0.0414 | 0.0235 |
| RSU-CTRL | Residential standard user controlled | $/kWh | 0.0184 | 0.0106 |
| RSU-NITE | Residential standard user night boost | $/kWh | 0.0144 | 0.0082 |
| **Residential Electric Vehicle and Battery Storage[3]** | | | | |
| RLUEVB-FIXD | Residential low user EV & battery storage daily | $/con/day | 0.3000 | 0.4500 |
| RLUEVB-PEAK | Residential low user EV & battery storage peak[1] | $/kWh | 0.1464 | 0.1215 |
| RLUEVB-OFFPEAK | Residential low user EV & battery storage off-peak[2] | $/kWh | 0.0634 | 0.0385 |
| RLUEVB-CTRL | Residential low user EV & battery storage controlled | $/kWh | 0.0476 | 0.0464 |
| RSUEVB-FIXD | Residential standard user EV & battery storage daily | $/con/day | 1.1663 | 1.2349 |
| RSUEVB-PEAK | Residential standard user EV & battery storage peak[1] | $/kWh | 0.1076 | 0.0874 |
| RSUEVB-OFFPEAK | Residential standard user EV & battery storage off-peak[2] | $/kWh | 0.0250 | 0.0044 |
| RSUEVB-CTRL | Residential standard user EV & battery storage controlled | $/kWh | 0.0184 | 0.0106 |

| Code | Description | Units | 1 April 22 | 1 April 23 |
|---|---|---|---|---|
| **COMMERCIAL PRICING** | | | | |
| **General Low Voltage Connection** | | | | |
| GLV15-FIXD | General low voltage <=15kVA daily | $/con/day | 0.5431 | 1.0198 |
| GLV15-24UC | General low voltage <=15kVA uncontrolled | $/kWh | 0.0492 | 0.0300 |
| GLV69-FIXD | General low voltage >15kVA and <=69kVA daily | $/con/day | 1.3432 | 2.6768 |
| GLV69-24UC | General low voltage >15kVA and <=69kVA uncontrolled | $/kWh | 0.0341 | 0.0208 |
| GLV138-FIXD | General low voltage >69kVA and <=138kVA daily | $/con/day | 7.6117 | 10.4019 |
| GLV138-24UC | General low voltage >69kVA and <=138kVA uncontrolled | $/kWh | 0.0404 | 0.0246 |
| GLV300-FIXD | General low voltage >138kVA and <=300kVA daily | $/con/day | 10.8428 | 16.9098 |
| GLV300-24UC | General low voltage >138kVA and <=300kVA uncontrolled | $/kWh | 0.0168 | 0.0103 |
| GLV1500-FIXD | General low voltage >300kVA and <=1500kVA daily | $/con/day | 27.3414 | 50.8451 |
| GLV1500-24UC | General low voltage >300kVA and <=1500kVA uncontrolled | $/kWh | 0.0074 | 0.0046 |
| GLV1500-DAMD | General low voltage >300kVA and <=1500kVA demand | $/kVA/month | 6.6318 | 4.0522 |
| **General Transformer Connection** | | | | |
| GTX15-FIXD | General transformer <=15kVA daily | $/con/day | 0.4930 | 0.9892 |
| GTX15-24UC | General transformer <=15kVA uncontrolled | $/kWh | 0.0458 | 0.0279 |
| GTX69-FIXD | General transformer >15kVA and <=69kVA daily | $/con/day | 1.2191 | 2.6450 |
| GTX69-24UC | General transformer >15kVA and <=69kVA uncontrolled | $/kWh | 0.0321 | 0.0196 |
| GTX138-FIXD | General transformer >69kVA and <=138kVA daily | $/con/day | 6.9067 | 9.7275 |
| GTX138-24UC | General transformer >69kVA and <=138kVA uncontrolled | $/kWh | 0.0377 | 0.0230 |
| GTX300-FIXD | General transformer >138kVA and <=300kVA daily | $/con/day | 9.8389 | 17.9125 |
| GTX300-24UC | General transformer >138kVA and <=300kVA uncontrolled | $/kWh | 0.0156 | 0.0096 |
| GTX1500-FIXD | General transformer >300kVA and <=1500kVA daily | $/con/day | 21.2285 | 12.9712 |
| GTX1500-24UC | General transformer >300kVA and <=1500kVA uncontrolled | $/kWh | 0.0060 | 0.0038 |
| GTX1500-CAPY | General transformer >300kVA and <=1500kVA capacity | $/kVA/day | 0.0146 | 0.0548 |
| GTX1500-DAMD | General transformer >300kVA and <=1500kVA demand | $/kVA/month | 5.5744 | 3.4061 |
| GTX1501-FIXD | General transformer >1500kVA connection daily | $/con/day | 0.0473 | 0.0288 |
| GTX1501-24UC | General transformer >1500kVA connection uncontrolled | $/kWh | 0.0014 | 0.0008 |
| GTX1501-CAPY | General transformer >1500kVA connection capacity | $/kVA/day | 0.0256 | 0.0615 |
| GTX1501-DOPC | General transformer >1500kVA connection on-peak demand[4] | $/kW/month | 10.5029 | 6.4175 |
| GTX1501-PWRF | General transformer >1500kVA connection power factor[5] | $/kVAr/month | 7.5838 | 4.6339 |

| Code | Description | Units | 1 April 22 | 1 April 23 |
|---|---|---|---|---|
| **OTHER PRICING** | | | | |
| **Unmetered** | | | | |
| G001-FIXD | Non-street lighting daily | $/fitting/day | 0.0375 | 0.1155 |
| G001-24UC | Non-street lighting uncontrolled | $/kWh | 0.1215 | 0.0743 |
| G002-FIXD | Street lighting daily[6] | $/fitting/day | 0.2140 | 0.2008 |
| G002-24UC | Street lighting uncontrolled | $/kWh | 0.0000 | 0.0000 |
| **Distributed Generation** | | | | |
| DGEN | Small scale distributed generation[7] | $/kWh | 0.0000 | 0.0000 |

**Footnotes**

1. The residential ToU and EVB plan peak hours are: Monday to Friday (including public holidays) 7:00am – 11:00am, 5:00pm – 9:00pm
2. The residential ToU and EVB plan off-peak hours are: Monday to Friday (including public holidays) 9:00pm – 7:00am, 11:00am – 5:00pm and all weekend.
3. The EVB plan is available to consumers with electric vehicles of 12kWh capacity and above and consumers with household battery storage systems of 4kWh capacity and above.
4. On-peak demand charge is applicable to demand measured from 7:30am – 9:30am, 5:30pm – 7:30pm on weekdays (including public holidays).
5. Power factor charge is applicable for power factor <0.95 from 7:00am – 8:00pm on weekdays where the kVAr charge amount represents twice the largest difference between the recorded kVArh and one third of the recorded kWh in any one half-hour period.
6. Street lighting charges are provided to retailers who in turn bill the councils and other parties for providing streetlight services. Streetlights are charged per fitting rather than on energy usage to better reflect the costs of maintaining the streetlight network.
7. we* has a number of codes for small scale distributed generation volumes, being RLUTOU-DGEN, RSUTOU-DGEN, RLU-DGEN, RSU-DGEN, RLUEVB-DGEN, RSUEVB-DGEN, GLV15-DGEN, GLV69-DGEN, GLV138-DGEN, GLV300-DGEN, GLV1500-DGEN, GTX15-DGEN, GTX69-DGEN, GTX138-DGEN, GTX300-DGEN, GTX1500-DGEN and GTX1501-DGEN.

All charges are exclusive of GST. Lines charges are quoted inclusive of the transmission charges, other pass-through costs and recoverable components.


welectricity.co.nz