

LOWER LINES CHARGES

FOR WELLINGTON ELECTRICITY CONSUMERS FROM 1 APRIL 2020

Price Decreases For Lines Charges To Take Effect From 1 April 2020

From 1 April 2020 a 14.6% reduction in our network costs and an 11.4% reduction in Transpower's lines costs have enabled us to **decrease our residential, commercial and street lighting prices.**

We have held prices steady for our electric vehicle and household battery storage plan (EVB) which already offers a discounted price for electricity use outside the times when our network is busy (explained further in *Introducing New Pricing Options*).

What Makes Up My Electricity Bill?

To understand how these changes may impact your bill, it's useful to understand that the electricity market in New Zealand is made up of:

- Generators (companies generating electricity)
- A transmission company (Transpower, a state-owned enterprise)
- Distributors (lines companies); and
- Retailers (who bill customers directly).

Wellington Electricity (WE*) is the distribution (lines) company responsible for managing the poles, wires and equipment in the Wellington, Porirua, Lower Hutt and Upper Hutt areas. Our distribution charges typically make up about 30% of a retailer power bill consumers receive. Another 10% of the bill is for costs we pass on from Transpower for transmitting power across their network to us. These costs are referred to as 'transmission charges'.

Most retailers "re-package" these distribution and transmission costs, along with other costs into the final retail pricing they offer their customers.

Introducing New Pricing Options

Wellington Electricity has been trialling a new residential "Time of Use" (ToU) pricing option which rewards consumer behaviour with lower charges for using power outside of times when our network is busy (referred to as network congestion or "peak periods").

Instead of having one flat rate for every unit of electricity used (no matter what time of the day), this pricing plan offers consumers cheaper rates when the network is not busy ("off-peak") and provides a price signal to reduce potential network congestion, with more expensive rates when it is busy ("peak").

If consumers use power off-peak wherever possible (e.g. to run the washing machine or to charge their electric vehicle), then they could save money on their overall power bill. Wellington Electricity is now making this type of pricing available to all residential consumers. You can check with your electricity retailer whether they will be offering these prices.

In the Pipeline

Over the next year, Wellington Electricity will be investigating the following changes:

- Changing residential flat rate pricing to ToU pricing
- Merging EVB and residential ToU pricing
- Introducing discounted pricing options for consumers who allow Wellington Electricity to manage electric vehicle charging and other appliances (for example, moving the time an electric vehicle charge starts and stops so it lowers network congestion).

Please see the following pages for lines charges as at 1 April 2020.

LOWER LINES CHARGES

FOR WELLINGTON ELECTRICITY CONSUMERS FROM 1 APRIL 2020 *CONT.*

LINES CHARGES APRIL 2020

Code	Description	Units	1 April 2019	1 April 2020
RESIDENTIAL PRICING				
Residential				
RLU-FIXD	Residential Low user daily	\$/con/day	0.1500	0.1500
RLU-24UC	Residential Low user uncontrolled	\$/kWh	0.1134	0.0966
RLU-AICO	Residential Low user all inclusive	\$/kWh	0.0910	0.0775
RLU-CTRL	Residential Low user controlled	\$/kWh	0.0547	0.0467
RLU-NITE	Residential Low user night boost	\$/kWh	0.0185	0.0158
RSU-FIXD	Residential Standard user daily	\$/con/day	1.1000	0.9393
RSU-24UC	Residential Standard user uncontrolled	\$/kWh	0.0711	0.0606
RSU-AICO	Residential Standard user all inclusive	\$/kWh	0.0489	0.0417
RSU-CTRL	Residential Standard user controlled	\$/kWh	0.0217	0.0185
RSU-NITE	Residential Standard user night boost	\$/kWh	0.0169	0.0144
Residential Electric Vehicle and Battery Storage¹				
RLUEVB-FIXD	Residential EV & battery storage low user daily	\$/con/day	0.1500	0.1500
RLUEVB-PEAK	Residential EV & battery storage low user peak ²	\$/kWh	0.1502	0.1502
RLUEVB-OFFPEAK	Residential EV & battery storage low user off-peak ³	\$/kWh	0.0668	0.0668
RLUEVB-CTRL	Residential EV & battery storage low user controlled	\$/kWh	0.0547	0.0467
RSUEVB-FIXD	Residential EV & battery storage standard user daily	\$/con/day	1.1000	1.1000
RSUEVB-PEAK	Residential EV & battery storage standard user peak ²	\$/kWh	0.1079	0.1079
RSUEVB-OFFPEAK	Residential EV & battery storage standard user off-peak ³	\$/kWh	0.0244	0.0244
RSUEVB-CTRL	Residential EV & battery storage standard user controlled	\$/kWh	0.0217	0.0185
Residential Time of Use				
RLUTOU-FIXD	Residential Time of Use low user daily	\$/con/day	N/A	0.1500
RLUTOU-P-UC	Residential Time of Use low user peak ²	\$/kWh	N/A	0.1285
RLUTOU-OP-UC	Residential Time of Use low user off-peak ³	\$/kWh	N/A	0.0824
RLUTOU-P-AI	Residential Time of Use low user all inclusive peak ²	\$/kWh	N/A	0.1121
RLUTOU-OP-AI	Residential Time of Use low user all inclusive off-peak ³	\$/kWh	N/A	0.0619
RLUTOU-CTRL	Residential Time of Use low user controlled	\$/kWh	N/A	0.0467
RLUTOU-NITE	Residential Time of Use low user night boost	\$/kWh	N/A	0.0158
RSUTOU-FIXD	Residential Time of Use standard user daily	\$/con/day	N/A	0.9393
RSUTOU-P-UC	Residential Time of Use standard user peak ²	\$/kWh	N/A	0.0923
RSUTOU-OP-UC	Residential Time of Use standard user off-peak ³	\$/kWh	N/A	0.0469
RSUTOU-P-AI	Residential Time of Use standard user all inclusive peak ²	\$/kWh	N/A	0.0735
RSUTOU-OP-AI	Residential Time of Use standard user all inclusive off-peak ³	\$/kWh	N/A	0.0273
RSUTOU-CTRL	Residential Time of Use standard user controlled	\$/kWh	N/A	0.0185
RSUTOU-NITE	Residential Time of Use standard user night boost	\$/kWh	N/A	0.0144

LOWER LINES CHARGES

FOR WELLINGTON ELECTRICITY CONSUMERS FROM 1 APRIL 2020 *CONT.*

LINES CHARGES APRIL 2020

Code	Description	Units	1 April 2019	1 April 2020
COMMERCIAL PRICING				
General Low Voltage Connection				
GLV15-FIXD	General low voltage <=15kVA daily	\$/con/day	0.6139	0.5233
GLV15-24UC	General low voltage <=15kVA uncontrolled	\$/kWh	0.0555	0.0473
GLV69-FIXD	General low voltage >15kVA and <=69kVA daily	\$/con/day	1.5185	1.2944
GLV69-24UC	General low voltage >15kVA and <=69kVA uncontrolled	\$/kWh	0.0384	0.0328
GLV138-FIXD	General low voltage >69kVA and <=138kVA daily	\$/con/day	8.6045	7.3351
GLV138-24UC	General low voltage >69kVA and <=138kVA uncontrolled	\$/kWh	0.0456	0.0389
GLV300-FIXD	General low voltage >138kVA and <=300kVA daily	\$/con/day	12.2570	10.4488
GLV300-24UC	General low voltage >138kVA and <=300kVA uncontrolled	\$/kWh	0.0189	0.0161
GLV1500-FIXD	General low voltage >300kVA and <=1500kVA daily	\$/con/day	30.9072	26.3477
GLV1500-24UC	General low voltage >300kVA and <=1500kVA uncontrolled	\$/kWh	0.0084	0.0071
GLV1500-DAMD	General low voltage >300kVA and <=1500kVA demand	\$/kVA/month	7.4968	6.3908
General Transformer Connection				
GTX15-FIXD	General transformer <=15kVA daily	\$/con/day	0.5574	0.4751
GTX15-24UC	General transformer <=15kVA uncontrolled	\$/kWh	0.0517	0.0441
GTX69-FIXD	General transformer >15kVA and <=69kVA daily	\$/con/day	1.3780	1.1747
GTX69-24UC	General transformer >15kVA and <=69kVA uncontrolled	\$/kWh	0.0362	0.0309
GTX138-FIXD	General transformer >69kVA and <=138kVA daily	\$/con/day	7.8076	6.6558
GTX138-24UC	General transformer >69kVA and <=138kVA uncontrolled	\$/kWh	0.0426	0.0363
GTX300-FIXD	General transformer >138kVA and <=300kVA daily	\$/con/day	11.1219	9.4812
GTX300-24UC	General transformer >138kVA and <=300kVA uncontrolled	\$/kWh	0.0176	0.0150
GTX1500-FIXD	General transformer >300kVA and <=1500kVA daily	\$/con/day	23.9971	20.4570
GTX1500-24UC	General transformer >300kVA and <=1500kVA uncontrolled	\$/kWh	0.0068	0.0058
GTX1500-CAPY	General transformer >300kVA and <=1500kVA capacity	\$/kVA/day	0.0164	0.0140
GTX1500-DAMD	General transformer >300kVA and <=1500kVA demand	\$/kVA/month	6.3013	5.3718
GTX1501-FIXD	General transformer >1500kVA connection daily	\$/con/day	0.0534	0.0455
GTX1501-24UC	General transformer >1500kVA connection uncontrolled	\$/kWh	0.0015	0.0013
GTX1501-CAPY	General transformer >1500kVA connection capacity	\$/kVA/day	0.0290	0.0247
GTX1501-DOPC	General transformer >1500kVA connection on-peak demand ⁴	\$/kW/month	11.8726	10.1211
GTX1501-PWRF	General transformer >1500kVA connection power factor ⁵	\$/kVAr/month	8.5730	7.3082

LOWER LINES CHARGES

FOR WELLINGTON ELECTRICITY CONSUMERS FROM 1 APRIL 2020 *CONT.*

LINES CHARGES APRIL 2020

Code	Description	Units	1 April 2019	1 April 2020
OTHER PRICING				
Un-metered				
G001-FIXD	Non-street lighting daily	\$/fitting/day	0.0423	0.0361
G001-24UC	Non-street lighting uncontrolled	\$/kWh	0.1374	0.1171
G002-FIXD	Street lighting daily ⁶	\$/fitting/day	0.2268	0.1933
G002-24UC	Street lighting uncontrolled	\$/kWh	0.0000	0.0000
Distributed Generation				
DGEN	Small scale distributed generation ⁷	\$/kWh	0.0000	0.0000

Key Terms

Here are some helpful definitions for you:

Daily	A fixed daily charge.	Night Boost	A discounted price for an appliance which only receives power for a limited number of (mostly night-time) hours, such as a night store heater.
Controlled	A discounted price for an appliance which we can temporarily turn off (such as a hot water cylinder).	Uncontrolled	A single price for all the household power used.
All Inclusive	A single price for all the household power used, with power to the hot water cylinder controlled.	Peak/Off-Peak	Times at which power is more expensive/cheaper, depending on the time of day/night. See footnotes 2 and 3.

Footnotes

- 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.
- The EVB and residential ToU plan peak hours are: Monday to Friday (including public holidays) 7:00am – 11:00am, 5:00pm – 9:00pm.
- The EVB and residential ToU plan off-peak hours are: Monday to Friday (including public holidays) 9:00pm – 7:00am, 11:00am – 5:00pm and all weekend.
- Charge is applicable to demand measured from 7:30am – 9:30am, 5:30pm – 7:30pm on weekdays (including public holidays).
- 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.
- Streetlight 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.
- WE* has a number of codes for small scale distributed generation volumes, being RLU-DGEN, RSU-DGEN, RLUEVB-DGEN, RSUEVBDGEN, 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. Line charges are quoted inclusive of the transmission costs, other pass-through costs and recoverable components.