

Average residential ESS price per 800kW in New Zealand

How much does electricity cost per kWh?

The national average is 35.67c per kWh, but prices ranging from around 32c to over 45c per kWh. Between a third and half of power price costs are due to transmission charges. We all rely on electricity in our day-to-day lives. And whether you are watching TV, running a heat pump, or putting on a load of washing - you're adding to your power bill.

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However, depending on where you live in the country, the price can vary between as low as 31.93c per kWh, in Christchurch, to 45.42c per kWh in Kerikeri and 45.45c in Westport. Of course, you can't do much about where you live, apart from move.

How have residential electricity costs been revised?

residential costs back to the year ended March 2009 have been revised based on consistent information provided by all electricity retailers. Some retailers have also provided revised data back to the year ended March 2002. This has been incorporated into the residential electricity cost data.

How much electricity does a Kiwi household use?

The most recent stats show that, last year, the average Kiwi household used 7084 kWh of electricity, at 34.25c per kWh, for a total cost of \$2426. This works out to roughly \$202 per month. Although most homes use more electricity over winter, and less in summer, due to heating costs.

How much does an electricity retailer charge a consumer?

An electricity retailer may charge a consumer 100 cents/day and 22c/kWh of electricity consumed. 26.6 c/kWh -- that is, $(2125/8000) \times 100$. If the Retailer offered a 10% prompt payment discount, the final cost to the consumer would be 23.9 c/kWh. The line charge component is calculated in a similar manner (all figures include GST).

How do you calculate residential electricity cost per unit?

The residential electricity cost per unit is derived by dividing the dollar value of residential electricity sales by the number of kilowatt-hours (kWh) sold to residential customers. The survey also reports the 'lines' component of the residential costs. This covers both the distribution and transmission components of the residential costs.

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