



### Fridge/freezer<sup>1</sup> :

- 2 star: \$140/year – 56 kCO<sub>2</sub>e
- 6 star: \$50/year – 19 kCO<sub>2</sub>e

### Dishwasher<sup>2</sup> :

- 2 star: \$130/year – 53 kCO<sub>2</sub>e
- 6 star: \$30/year – 13 kCO<sub>2</sub>e

---

# Kitchen – Save \$190 & 77 kCO<sub>2</sub>e per year

<sup>1</sup> : 280L fridge + 120L Freezer

<sup>2</sup> : 15 places, used 7 times a week

Annual running costs are calculated using 26c per kWh.

1 kWh emits 105.1 gCO<sub>2</sub>e (MfE, 2018).

<https://www.energywise.govt.nz/tools/running-costs-calculator/#/>



## Washing machine<sup>1</sup> :

- Warm wash
  - 2 star: \$100/year – 40 kCO<sub>2</sub>e
  - 6 star: \$10/year – 4 kCO<sub>2</sub>e
- Cold wash
  - 2 star: \$45/year – 18 kCO<sub>2</sub>e
  - 6 star: \$7/year – 3 kCO<sub>2</sub>e

## Clothes dryer<sup>1</sup> :

- 2 star: \$380/year – 151 kCO<sub>2</sub>e
- 6 star: \$200/year – 79 kCO<sub>2</sub>e

**Laundry** – Save \$273 & 109 kCO<sub>2</sub>e per year

<sup>1</sup> : 8 kg, used 4 times a week

Annual running costs are calculated using 26c per kWh.

1 kWh emits 105.1 gCO<sub>2</sub>e (MfE, 2018).

<https://www.energywise.govt.nz/tools/running-costs-calculator/#/>



### Heat pump<sup>1</sup> :

- 2 star: \$460/year – 184 kCO<sub>2</sub>e
- 6 star: \$285/year – 114 kCO<sub>2</sub>e

### Convactor heater<sup>2</sup>:

- \$750/year – 303 kCO<sub>2</sub>e

**Heating** – Save \$465 & 189 kCO<sub>2</sub>e per year

<sup>1</sup> : 6 months used for heating, during 8 hours a day ; 6 kW heat output

<sup>2</sup> : 2000W

Annual running costs are calculated using 26c per kWh.

1 kWh emits 105.1 gCO<sub>2</sub>e (MfE, 2018).

<https://www.energywise.govt.nz/tools/running-costs-calculator/#/>



### Television<sup>1</sup> :

- 2 star: \$90/year – 36 kCO<sub>2</sub>e
- 10 star: \$15/year – 6 kCO<sub>2</sub>e

### Monitor<sup>2</sup>:

- 2 star: \$40/year – 16 kCO<sub>2</sub>e
- 10 star: \$7/year – 3 kCO<sub>2</sub>e

---

# Screens – Save \$108 & 43 kCO<sub>2</sub>e per year

<sup>1</sup> : 55 inches screen, run for 5 hours per day

<sup>2</sup> : 24 inches screen, run for 9 hours per day

Annual running costs are calculated using 26c per kWh.

1 kWh emits 105.1 gCO<sub>2</sub>e (MfE, 2018).

<https://www.energywise.govt.nz/tools/running-costs-calculator/#/>



### Type of light bulb<sup>1</sup>:

- Incandescent: \$34/year – 14 kCO<sub>2</sub>e
- Halogen: \$24/year – 10 kCO<sub>2</sub>e
- Fluorescent: \$7/year – 3 kCO<sub>2</sub>e
- LED: \$6/year – 2 kCO<sub>2</sub>e

---

**Lights** – Save \$32 & 12 kCO<sub>2</sub>e per year, per bulb

<sup>1</sup> : Light on for 6 hours per day

Annual running costs are calculated using 26c per kWh.

1 kWh emits 105.1 gCO<sub>2</sub>e (MfE, 2018).

# Lower your energy bills

## How to save money and reduce your emissions<sup>1</sup>:

- Keep your home warm:
  - Open the curtains to let the sun in and close them at night to keep the warm in
  - Stop draughts with a door snake for example
  - Turn your heaters off when you are not home
  - Use a thermostat if you can (20°C in the main room and 18°C in the bedrooms)
  - Do not heat the rooms you do not use by closing the doors
- Keep your home dry:
  - Clear vents
  - Use extractions fans or open the windows after cooking, showering and washing
  - Air your home at least once a day
  - Air your bedding outside
- Lighting:
  - Turn off the lights when not needed
  - Replace old bulbs by LED bulbs
- Save on appliances:
  - Turn off appliances at the wall rather than using the stand-by mode
  - Use your heated towel rail only when needed
  - Clean your fridge and freezer from the ice regularly
- Hot water:
  - Reduce shower time
  - Use cold washes for your washing machine
  - Only run the dishwasher when full and on 'Eco mode'

## • Check your plan

Make sure your energy deal still fits your lifestyle and compare the prices with other companies to find the best deal for your needs.



<sup>1</sup> : <https://www.energywise.govt.nz/at-home/simple-ways-to-lower-energy-bills/>