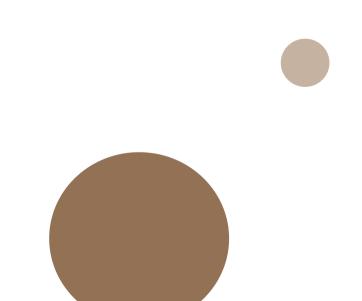


### Fridge/freezer<sup>1</sup>:

- 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





<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/#!/



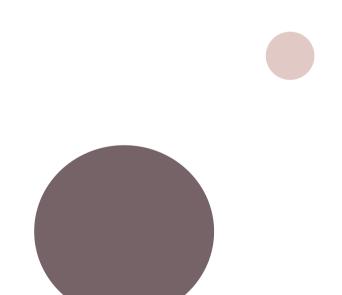


### Washing machine<sup>1</sup>:

- 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/#!/



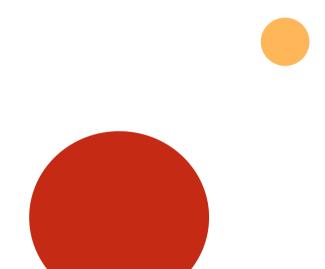


#### Heat pump<sup>1</sup>:

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

### **Convector 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 kWs 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).

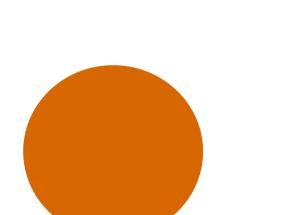
https://www.energywise.govt.nz/tools/running-costs-calculator/#!/

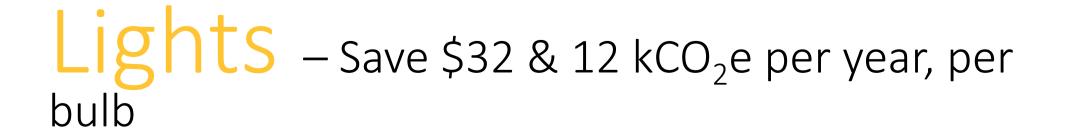




### Type of light bulb<sup>1</sup>:

- 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





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



