



Bills down, emissions down

Supplementary tables

October 2025

GRATTAN
Institute

Overview

The following tables are a supplement to Grattan's 2025 report [Bills down, emissions down](#). They provide a state-by-state breakdown of total household energy bills for average fossil-fuelled and average all-electric households in 2025, 2030, and 2035.

A fossil-fuel household uses gas for heating, cooking and hot water heating, and has a petrol car.

An all-electric household uses electricity for heating, cooking and hot water, and has an electric car, rooftop solar, and a battery.

The 'No new policy' scenario assumes no further policy to constrain electricity emissions after 2030.

The 'Safeguard 2C' scenario applies a simplified baseline-

and-credit emissions trading scheme in the electricity sector from 2030 onwards. This scheme achieves an emissions budget for the sector consistent with Australia achieving its 2030 and 2050 emissions targets in a world with less than 2 °C of warming.

Full details of scenario design are on page 35 of the report.

Full assumptions behind the household bill calculations are in Appendix D of the report.

The results in the tables are not forecasts. They represent possible outcomes if the assumptions made in the model are realised. Individual household bills vary with household size, tenure, building fabric, local climate, and occupant lifestyles.

Household energy bills by state, no new policy scenario

State	Household type	2025	2030	2035
NSW	Fossil-fuelled	\$ 5,397	\$ 4,737	\$ 4,817
NSW	All-electric	\$ 1,210	\$ 1,079	\$ 1,072
Victoria	Fossil-fuelled	\$ 5,508	\$ 4,873	\$ 4,814
Victoria	All-electric	\$ 1,436	\$ 1,284	\$ 1,141
Queensland	Fossil-fuelled	\$ 5,485	\$ 4,605	\$ 4,909
Queensland	All-electric	\$ 1,051	\$ 837	\$ 1,055
Western Australia	Fossil-fuelled	\$ 5,131	\$ 5,098	\$ 2,602
Western Australia	All-electric	\$ 1,604	\$ 1,629	Not available
South Australia	Fossil-fuelled	\$ 5,905	\$ 5,046	\$ 5,160
South Australia	All-electric	\$ 1,578	\$ 1,280	\$ 1,298
Tasmania	Fossil-fuelled	\$ 7,328	\$ 6,237	\$ 6,181
Tasmania	All-electric	\$ 1,487	\$ 1,245	\$ 1,172

Sources: Grattan calculations using [Jacobs \(2025\)](#). See [Bills down, emissions down: a practical path to net-zero electricity](#) for full assumptions.

Household energy bills by state, Safeguard 2C scenario

State	Household type	2025	2030	2035
NSW	Fossil-fuelled	\$ 5,397	\$ 4,737	\$ 4,933
NSW	All-electric	\$ 1,210	\$ 1,079	\$ 1,154
Victoria	Fossil-fuelled	\$ 5,508	\$ 4,873	\$ 4,981
Victoria	All-electric	\$ 1,436	\$ 1,284	\$ 1,327
Queensland	Fossil-fuelled	\$ 5,485	\$ 4,605	\$ 5,068
Queensland	All-electric	\$ 1,051	\$ 837	\$ 1,153
Western Australia	Fossil-fuelled	\$ 5,131	\$ 5,098	\$ 2,602
Western Australia	All-electric	\$ 1,604	\$ 1,629	Not available
South Australia	Fossil-fuelled	\$ 5,905	\$ 5,046	\$ 5,373
South Australia	All-electric	\$ 1,578	\$ 1,281	\$ 1,463
Tasmania	Fossil-fuelled	\$ 7,328	\$ 6,237	\$ 6,362
Tasmania	All-electric	\$ 1,487	\$ 1,245	\$ 1,371

Sources: Grattan calculations using [Jacobs \(2025\)](#). See [Bills down, emissions down: a practical path to net-zero electricity](#) for full assumptions.