

Working from home infographic calculations

July 2024

ActewAGL

Take away coffee \$5.00

Tariff \$/kWh inc. GST 0.325600 << Home Plan

	Assumptions	Energy (Watt hours)	Cost
Home office			
Laptop	2 xMacbook Pro 13 Inch for its 17 hours battery life	116	\$0.04
Monitor	27 inch, 30W for 10 hours	300	\$0.10
Printer	HP LaserJet 4250, 450 pages printed at 45ppm, 675W when printing	113	\$0.04
Charge 5 Mobile Phones	iPhone X, Recharged From flat, 5 times	52	\$0.02
Lounge room			
TV	6 Hours of TV, 50 Inch LED TV @ 91W typical usage	546	\$0.18
Gaming Console, 4 hours	Playstation 4, @130 W per hour	520	\$0.17
Kitchen			
Kettle 1.7L, 2400W	Boil 1.7 Litres for 5 mins, makes 6 cups of tea	200	\$0.07
Microwave	2400W Microwave, re-heating 3 lunches for 6 minutes each	720	\$0.23
Coffee Machine	1710 Watt Nespresso Machine, 6 shots (Assumes 4Wh per shot)	24	\$0.01
Laundry			
Washing Machine	4 Star energy rated, 7.5kg Front Loading machine, 3 loads, Air dry only	2,280	\$0.74
Home Wide			
Lighting	Study, Kitchen & Lounge room, 15 typical 8W LED lights, running for 7 hours	840	\$0.27
Heating	Heating costs vary significantly by type, fuel, size etc. This assumes 6 hours of split system reverse cycle heating at 1.6KW per hour	9,600	\$3.13
TOTAL			\$4.99

Calculations are based on 2024/2025 electricity tariffs.

See website: actewagl.com.au/plans-and-connections/pricing-information/act-home-prices