



Victoria Energy Prices July 2022

An update report on the Victorian Tariff-Tracking Project



St Vincent de Paul Society
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The energy offers, tariffs and bill calculations presented in this report and associated workbooks should be used as a general guide only and should not be relied upon. The workbooks are not an appropriate substitute for obtaining an offer from an energy retailer. The information presented in this report and the workbooks is not provided as financial advice. While we have taken great care to ensure accuracy of the information provided in this report and the workbooks, they are suitable for use only as a research and advocacy tool. We do not accept any legal responsibility for errors or inaccuracies. The St Vincent de Paul Society and Alvis Consulting Pty Ltd do not accept liability for any action taken based on the information provided in this report or the associated workbooks or for any loss, economic or otherwise, suffered as a result of reliance on the information presented. If you would like to obtain information about energy offers available to you as a customer, go to the Victorian Government's website <https://compare.energy.vic.gov.au/> or contact the energy retailers directly.

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The Victorian Tariff-Tracking Project

To date, this project has tracked electricity and gas tariffs in Victoria from July 2008 (retail price deregulation took effect on 1 January 2009) to July 2022, and developed a spreadsheet based tool that allows consumer advocates to build on the initial analysis and continue to track changes as they occur. In 2016, market offers available to new solar customers were added to the Tariff-Tracking project. The workbook allows users to calculate annual bills based on retailers' rates, feed in tariffs offered and additional discounts. Again, the user can enter consumption level as well as choosing to run the bill calculation based on 1.5 kW or 3 kW solar systems.

We have developed five workbooks that allow the user to enter consumption levels and analyse household bills for gas and electricity:

Workbook 1: Electricity standing offers July 2008 – July 2022

Workbook 2: Gas standing offers July 2008 – July 2022

Workbook 3: Electricity market offers 2010 to 2022

Workbook 4: Gas market offers 2010 to 2022

Workbook 5: Solar market offers 2016 to 2022

The five workbooks can be accessed at the St Vincent de Paul Society Victoria's website: www.vinnies.org.au/energy

Key findings

In terms of key findings, the Victorian tariff analysis found that:

- ▲ The new Victorian Default Offer (VDO) for electricity that took effect in July 2022, increased an average annual bill by \$40 or 2%.¹ See chart 1 below.
- ▲ For gas standing offers, AGL's prices are 7% higher compared to last year (July 2021) and Origin's prices have increased by 16%. Energy Australia's gas prices, on the other hand, have remained unchanged.² See chart 4 below.
- ▲ Typical consumption households (4,800kWh per annum) on the VDO can save around \$120 and \$350 per annum if switching to the best published market offer (depending on their network area).³ This is somewhat less than it was a year ago (July 2021), when the maximum saving was between \$385 - \$435 per annum. See section 2.1.
- ▲ The difference between the best and the worst electricity market offers ranges from \$700 per annum (in Citipower, Jemena and United Energy's areas) to \$945 (in Ausnet's area) for customers with typical consumption level.⁴ This is more than it was a year ago (July 2021), when the maximum saving was \$385 - \$435 per annum. See section 2.1.1.
- ▲ AGL and Energy Australia's electricity market offers produce the lowest annual bill for average consumption households in Citipower, Powercor, Jemena and United Energy. Circular Energy has the lowest bill in the Ausnet network. GloBird, on the other hand, has the most expensive market offer in all network areas.⁵ See section 2.1.1.
- ▲ All the electricity retailers have published new market offers since January 2022, and the majority of retailers have increased their market offer rates by more than the VDO. Compared to January 2022 (the previous VDO price re-set), GloBird, Alinta Energy, Dodo, Lumo, Powershop, ReAmped, 1st Energy, Sumo and Energy Locals are the retailers with the greatest price increases while Red Energy, Amber Electric, and Diamond Energy introduced more modest price increases. See section 2.1.2.
- ▲ Gas customers with typical consumption (63,000Mj) can save up to \$2,310 - \$2,405 per annum (depending on their gas zone) if switching from the worst standing offer to the best market offer.⁶ See section 2.2.
- ▲ The price-spread for gas market offers ranges from \$675 per annum (Ausnet West) to approximately \$805 (Multinet) for customers with typical consumption levels.⁷ See section 2.2.1.
- ▲ Sumo Power's gas market offer produces the lowest annual bill for average consumption households in seven out of eight pricing zones. Simply Energy, on the other hand, has the most expensive market offer in all gas zones.⁸ See section 2.2.1.

1. Average VDO across all network areas. Compared to the previous VDO that took effect 1 January 2022. Based on households using 4,800kWh per annum (single rate).

2. Average standing offers across all pricing zones. Based on households using 63,000Mj per annum. Note that while electricity standing offers (the VDO) changed in September 2021 January 2022 and July 2022, the incumbent's gas standing offers only changed in January 2021 and January 2022.

3. Based on the VDO (single rate) and the best of the published market offers (including additional discounts and/or pay on time discounts).

4. Households using 4,800kWh per annum (single rate) and all market offer bills include additional discounts and/or pay on time discounts.

5. *Ibid.*

6. Based on the worst of the retailers' standing offer and the best of the published market offers (including additional discounts and/or pay on time discounts).

7. Households using 63,000Mj per annum. All market offer bills include additional discounts and/or pay on time discounts.

8. *Ibid.*

- ▲ All the gas retailers changed their gas market offers between January 2022 and July 2022. AGL reduced its prices while all others increased theirs. GloBird, Simply Energy, Tango Energy, Alinta Energy and Energy Australia are the retailers with some of the greatest price increases. [See section 2.2.2.](#)
- ▲ New solar customers with a 3kW system installed will have an annual bill that is between \$720 and \$930 less (depending on network area) than non-solar customers with the same consumption level.⁹ [See section 2.3.](#)
- ▲ For solar offers, the maximum price-spread is around \$570 in Ausnet, \$510 in Powercor, \$435 in United Energy and Jemena, and \$420 in Citipower.¹⁰ [See section 2.3.](#)
- ▲ In July 2022, the Network Use of System (NUOS) charges increased in all network areas. The greatest increase was in the Ausnet network (20%), and the smallest increase was in Citipower (11%). [See section 3.1.](#)
- ▲ As of July 2022, the NUOS proportion of the VDO/standing offer bills is greatest in the Ausnet network (40%) and lowest in Citipower (30%). [See section 3.1.](#)
- ▲ For gas, the Distribution Use of System (DUOS) charges did not change in July 2022 after an increase by around 5% in the Multinet and the AGN pricing zones in January 2022. In the Ausnet pricing zones the DUOS charges have remained unchanged. [See section 3.2.](#)
- ▲ The DUOS proportion of gas standing offer retail bills is currently between 13 and 21%.¹¹ [See section 3.2.](#)
- ▲ The total energy costs (based on the average electricity and gas market offers) have increased the most for households in the Eastern and South Eastern suburbs.¹² Dual fuel customers in the CBD, inner city and North Eastern suburbs, on the other hand, have had the lowest increase to their combined energy costs.¹³ [See section 4.](#)
- ▲ Dual fuel customers in Kilmore, Seymour, Violet Town, Nagambie, Wangaratta, Chiltern, Wodonga as well as Gippsland and the Mornington Peninsula have the highest combined energy bills. Based on typical consumption levels, the average combined annual energy bill in these areas is now around \$3,615.¹⁴ [See section 4.](#)

9. Based on the worst and the best of the published market offers for single rate customers using 4,800 kWh per annum and a 3kW solar system installed. Bills include additional discounts and/or pay on time discounts and FIT, 3kW solar system.

10. *Ibid.*

11. Based on the incumbent retailers' (AGL, Energy Australia and Origin) average gas standing offer as of July 2022. Presented as annual bills for households using 63,000MJ per annum

12. Ausnet's electricity distribution network and the Multinet 1/Origin Metro gas zone.

13. Citipower's electricity distribution network and the AGN Central 2/TRU East gas zone.

14. Bill calculations are based on the incumbent retailers' average standing offer for electricity and gas customers for dual fuel households using 4,800kWh and 63,000Mj per annum in the Ausnet electricity network and AGN North/Origin North gas zone.

1. Changes to the standing offers

The Victorian Government deregulated retail prices from 1 January 2009, and between January 2009 and July 2019 the retailers determined both their standing offer and market offer rates. In July 2019, the Victorian Default Offer (VDO) was introduced and all customers previously on a retailer's standing offer have been moved to the VDO. The VDO is a Victorian Government initiative that aims to make the electricity market simpler and more affordable for all consumers.¹⁵ Under this arrangement the Essential Services Commission (ESC) is required to set a VDO for basic metering types in each network area.¹⁶ All retailers are required to offer the VDO but they can, and still do, offer other market contracts.

1.1 Electricity standing offers July 2022

As in the previous Tariff-Tracking reports, the bill calculations in this report have assumed an average consumption of 4,800kWh per annum for households on the single rate.¹⁷ These are generally households connected to mains gas and therefore have a lower consumption than all-electric households. For all-electric households, which are predominantly in rural areas, the bill calculations have assumed an average consumption of 7,000kWh per annum. The rates used in the calculations are those for the controlled load offers and a split of 70% peak and 30% off-peak has been assumed. There are five network businesses in Victoria: Powercor and Ausnet distributing electricity to rural and regional Victoria and Citipower, Jemena and United Energy.

On average, across all five network areas, the VDO increased by \$40 (or 2%) in July 2022.¹⁸ Furthermore, a comparison of July 2022 prices to January 2019 (when retailers still determined their own standing offers), shows that there have been significant price reductions although there are some differences between the retailers.

Charts 1 – 3 below show the incumbent retailers' electricity standing offer as of January 2019 and the VDO as annual bills in July 2019, January 2020, January 2021, September 2021, January 2022 and July 2022.¹⁹

AGL is the incumbent retailer in the Jemena and United Energy networks. Between January 2022 and July 2022, customers on a standing offer/VDO with an annual consumption of 4,800 kWh (single rate) will experience an annual increase of \$60 (or 1%) in Jemena and \$45 (or 3%) in United Energy's area.

15. See <https://www.energy.vic.gov.au/victoriandefaultoffer>

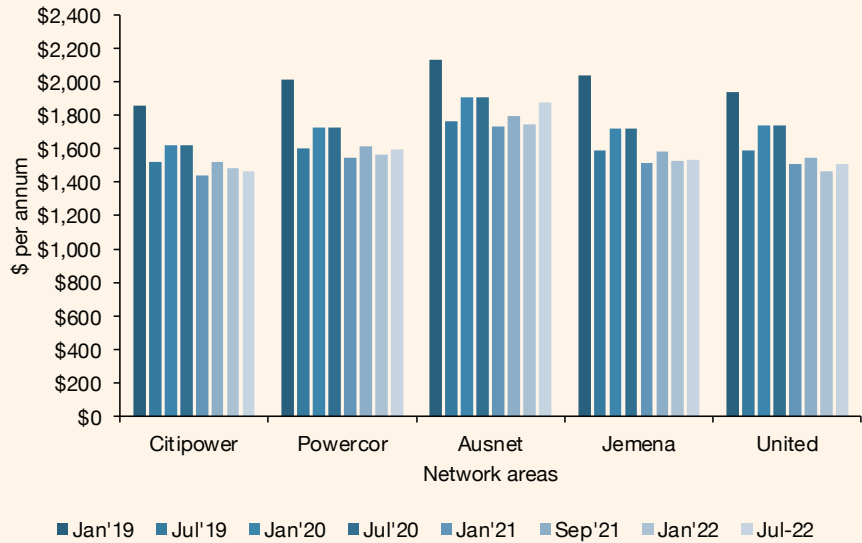
16. Until January 2020 the VDO only applied to single rate and controlled load tariffs. For customers on a two-rate (peak/off-peak) tariff, a time of use (TOU) tariff or a demand tariff, the retailers continued to set the standing offer price. From January 2020, however, retailers have been required to comply with the maximum annual bill amount set out in the Essential Services Commission's VDO determinations for all tariff types. The difference to retailers' annual bills for these meter types is now minimal.

17. Consumption levels do vary between network areas, but we believe 4,800kWh and 7,000kWh per annum are appropriate benchmarks to analyse tariff changes and bill impacts for Victorian households.

18. Compared to the previous VDO that took effect on 1 January 2022.

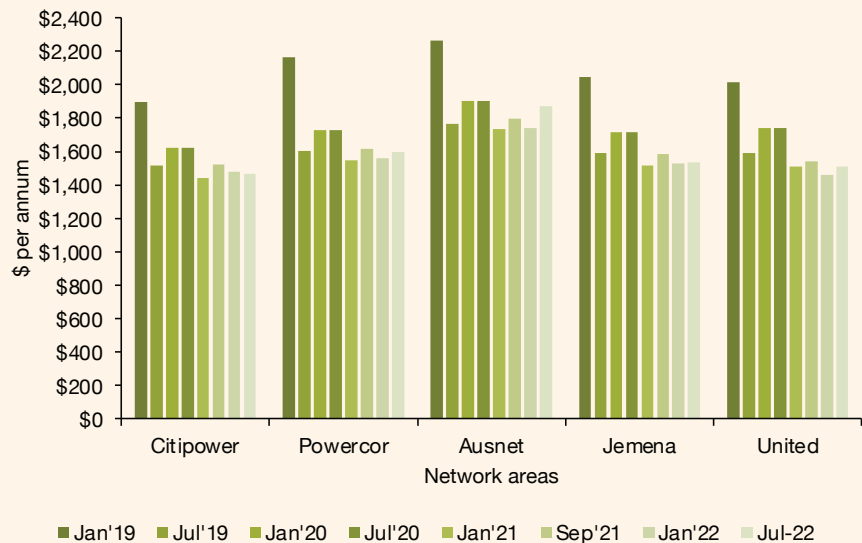
19. The retailers set the price for standing offers in January 2019 while the ESC has determined the price changes since.

CHART 1 | Changes to **AGL's standing offers/VDO** (as annual bills, inc GST) from January 2019 to July 2022 - Calculations based on **single rate tariff** and annual consumption of 4,800kWh



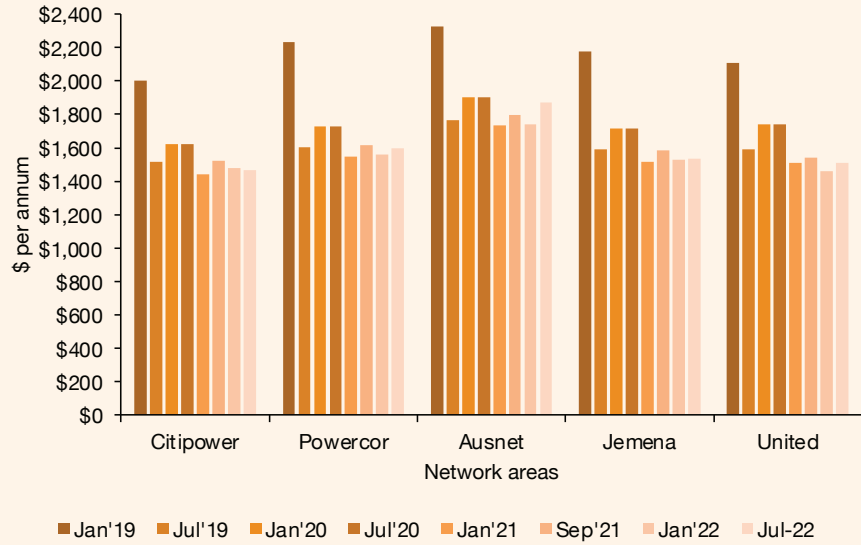
Origin is the incumbent retailer in the Citipower and Powercor networks. Standing offer/VDO customers with an annual consumption of 4,800 kWh (single rate) will experience an annual decrease of approximately -\$15 (or 1%) in Citipower and an increase of \$45 (3%) in Powercor's area. See chart 2 below.

CHART 2 | Changes to **Origin's standing offers/VDO** (as annual bills, inc GST) from January 2019 to July 2022 - Calculations based on **single rate tariff** and annual consumption of 4,800kWh



Energy Australia is the incumbent retailer in the Ausnet network and standing offer customers with an annual consumption of 4,800 kWh (single rate) will experience an annual increase of just over \$130 (or 8%) in this network area. See chart 3 below.

CHART 3 | Changes to Energy Australia's standing offers/VDO
 (as annual bills, inc GST)
 from January 2019 to July 2022 - Calculations based on **single rate tariff** and annual consumption of 4,800kWh



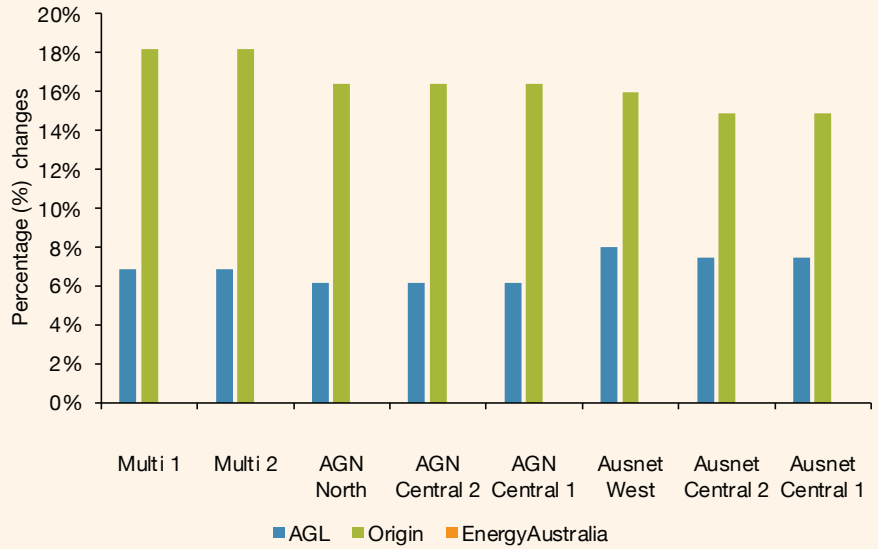
1.2 Gas standing offers July 2022

There are three gas distributors and eight main gas zones. The distributors are Multinet, Envestra/Australian Gas Network and Ausnet. The gas zones are: Multinet 1/Origin Metro, Multinet 2/AGL South, Envestra North/Origin North, Envestra Central 2/TRU East, Envestra Central 1/Origin South East, Ausnet West/TRU West, Ausnet Central 2/AGL North and Ausnet Central 1/TRU Central. The names of the gas zones derive from when AGL, Origin and TRU (now Energy Australia) were energy retailers with designated areas. These three retailers are not distribution businesses and they are not involved in setting the distribution charges in these areas. The companies' names are merely used as a descriptor for the various gas zones that Multinet, Envestra/Australian Gas Network and Ausnet distribute gas to. There are also some smaller rural zones (such as Mildura) that are not included in the Tariff-Tracking tool.

Chart 4 below shows that households with Origin Energy and AGL experienced price increases in July 2022 (compared to July 2021 prices).²⁰ While Energy Australia's prices have remained unchanged, Origin's prices have increased by 16% (on average across all price zones) and AGL's prices have increased by 7%.

20. Note that while electricity standing offers (the VDO) changed in September 2021 January 2022 and July 2022, the incumbent's gas standing offers only changed in January 2021 and January 2022.

CHART 4 | Changes (%) to incumbent retailers' standing offers from July 2021 to July 2022 - Calculations based on an annual consumption of 63,000Mj



Charts 5 – 7 below show the incumbent retailers' gas standing offer as of July 2020, January 2021, July 2021, January 2022 and July 2022.

CHART 5 | Changes to AGL's standing offers (as annual bills, inc GST) from July 2020 to July 2022 - Calculations based on an annual consumption of 63,000Mj

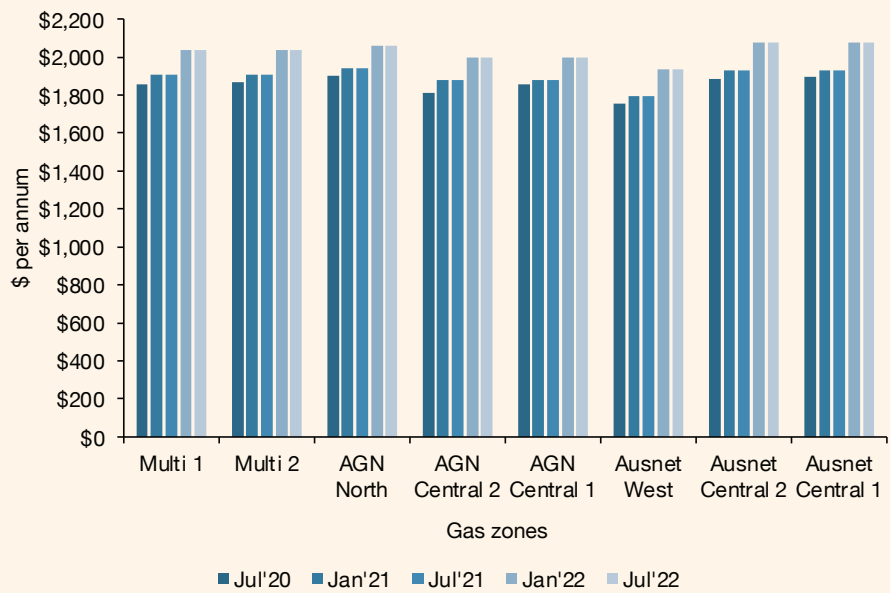


CHART 6 | Changes to **Origin's standing offers** (as annual bills, inc GST) from July 2020 to July 2022 - Calculations based an annual consumption of 63,000Mj

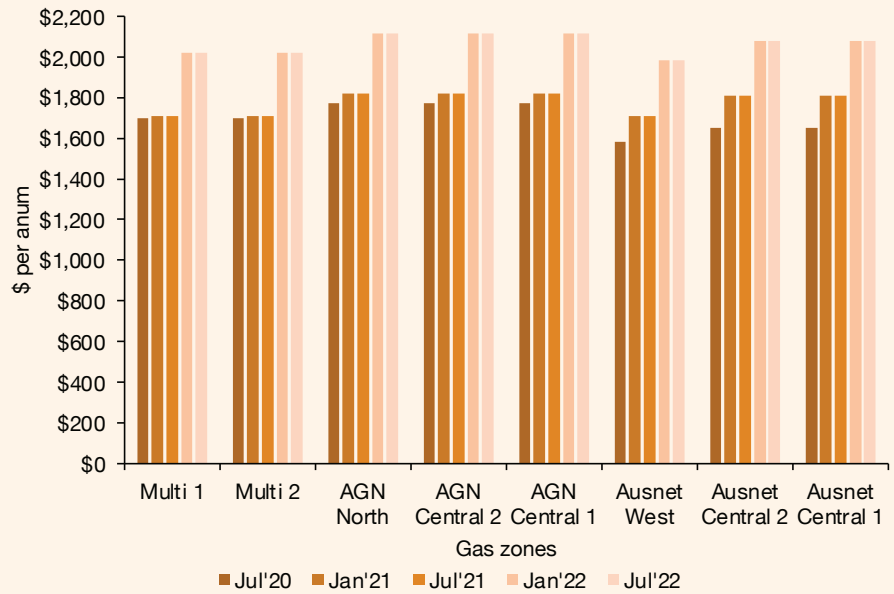
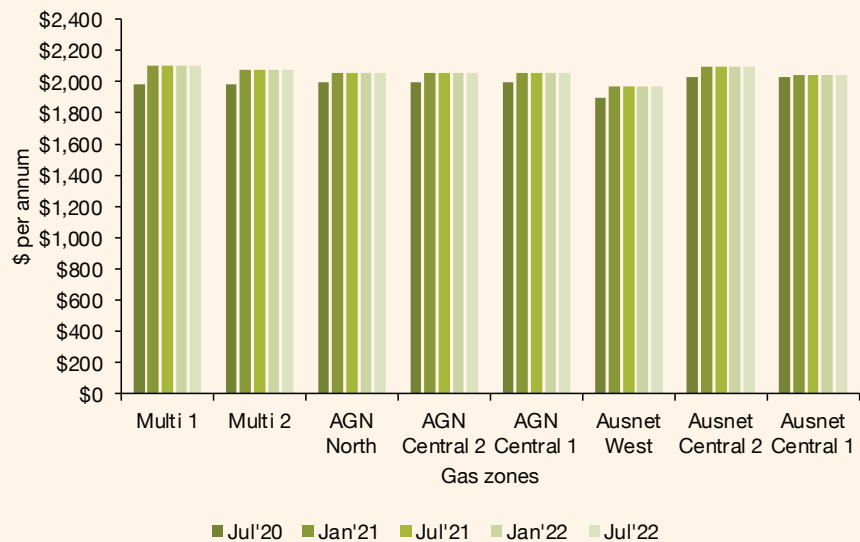


CHART 7 | Changes to **Energy Australia's standing offers** (as annual bills, inc GST) from July 2020 to July 2022 - Calculations based an annual consumption of 63,000Mj



While most of the 2nd tier retailers increased their gas standing offers in January 2022 only GloBird increased its prices in July 2022. GloBird's standing offer bill has increased by almost 100% compared to last year (July 2021). Chart 8 below compares annual bills as of July 2021, January 2022 and July 2022 for 13 retailers in the Multinet 1/Origin metro gas zone.

CHART 8 | Changes to standing offers (as annual bills, inc GST) from July 2021 to July 2022 in the Multinet 1/ Origin Metro gas zone - Calculations based on an annual consumption of 63,000Mj²¹



21. Note that only retailers that had published standing offers in July 2022 as well as July 2021 have been included in this chart.

2. Market offers

2.1 Electricity market offers July 2022²²

The price-spread, or the difference between the best market offer and the VDO (as well as the differences between market offers), will change somewhat throughout the year but as of July 2022:

- ▲ Typical consumption households (4,800kWh per annum) on the VDO can save around \$120 and \$350 per annum if switching to the best published market offer (depending on their network area).²³ This is somewhat less than it was a year ago (July 2021), when the maximum saving was between \$385 - \$435 per annum. It is, however, significantly less compared to January 2019 (prior to the first VDO taking effect), when the maximum saving was \$1,800 - \$2,270 per annum (depending on the network area), if switching from the worst standing offer to the best market offer.
- ▲ The greatest potential annual saving is in Ausnet's network area (approximately \$350).²⁴
- ▲ The difference between the best and the worst market offers ranges from \$700 per annum (in Citipower, Jemena and United Energy's areas) to \$945 (in Ausnet's area) for customers with typical consumption level.²⁵ This is more than it was a year ago (July 2021), when the maximum saving was \$385 - \$435 per annum.

Table 1 shows additional discounts applicable to the electricity retailers' published market offer rates. Some of the retailers have multiple market offers and may offer higher (or lower) discounts than those listed here. However, if the discount is higher the length of the contract term is typically longer. In other cases, the discount might be higher, but the customer must agree to pay by direct debit.²⁶

TABLE 1 | Electricity market offer features July 2022²⁷

Retailer	Name	Effective from	Guaranteed discount	Pay on time discount	Contract term/benefit period	Other conditions
1st Energy	1st Super Saver	1/7/22	No	No	No	Monthly billing only
AGL	Value Saver	1/7/22	No	No	No	No
Alinta Energy	Home Deal	1/8/22	No	No	No	Monthly billing only
Diamond Energy	Renewable Saver	1/8/22	No	2% off bill	No	No
Dodo Power & Gas	Market offer	8/6/22	No	No	No	Monthly billing only
EnergyAustralia	Flexi Plan	20/7/22	8% off bill	No	12 months	No
GloBird Energy	GloSave	1/7/22	No	No	No	Monthly billing only
Lumo Energy	Value	22/7/22	No	No	No	Monthly billing only and price fixed until 31/10/23

22. These market offers were collected from the retailers' websites between 12 July and 1 August 2022 and it should be noted that retailers may change their rates at any time. See table 1 for the dates these offers took effect.

23. Based on the VDO (single rate) and the best of the published market offers (including additional discounts and/or pay on time discounts).

24. *Ibid.*

25. Households using 4,800kWh per annum (single rate) and all market offer bills include additional discounts and/or pay on time discounts.

26. GloBird Energy, for example, has a direct debit discount where customers receive a 1% discount off their electricity bill. This discount is not included in the bill calculations presented in this report.

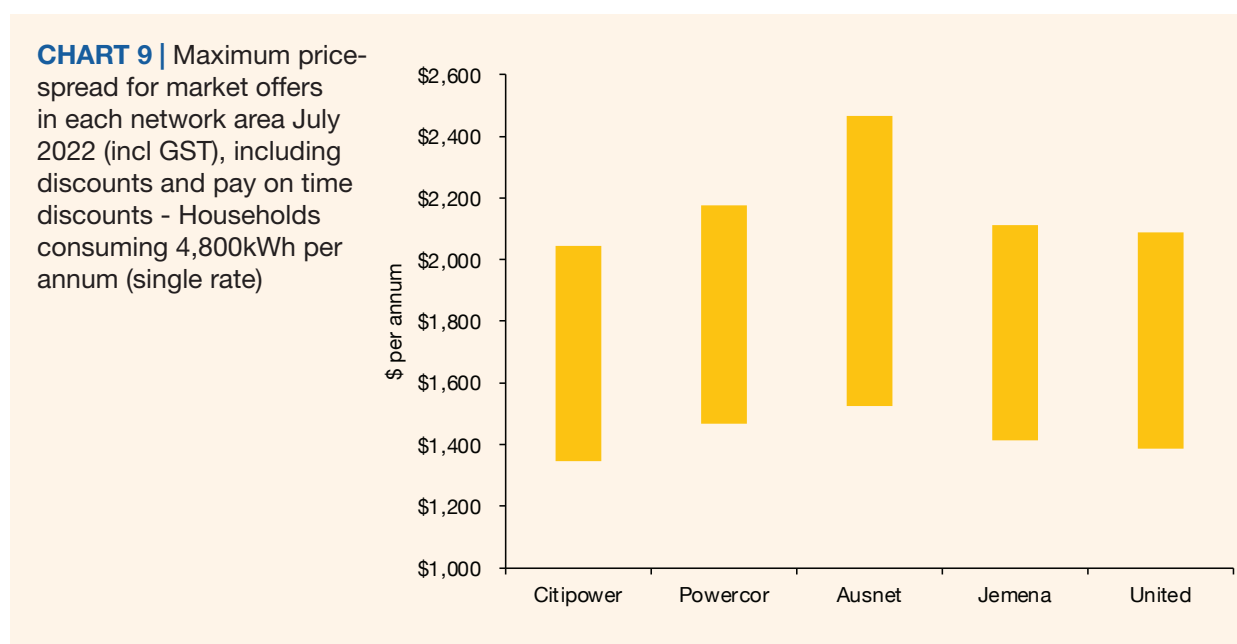
27. Most retailers have more than one market offer product. The offers used for this analysis are those we deem on-going, key products with as few conditions (i.e. direct debit, e-billing and exit fees) as possible. These market offers were collected from the retailers' websites between 12 July and 1 August 2022.

Retailer	Name	Effective from	Guaranteed discount	Pay on time discount	Contract term/benefit period	Other conditions
Origin Energy	Go	1/7/22	No	No	12 months	Fixed price for 12 months
Powershop	Carbon Neutral	18/7/22	No	No	No	Monthly billing and direct debit only
Red Energy	Living Energy Saver	11/7/22	No	No	No	Monthly billing only
Sumo Power	Assure	8/6/22	No	No	No	Monthly billing only
Amber Electric	Amber Plan	1/7/22	No	No	No	Monthly billing and direct debit only
Energy Locals	Online Member	1/7/22	No	No	No	Monthly billing and direct debit only
Kogan Energy	Free Kogan First Membership	1/1/22	No	No	No	Monthly billing only
ReAmped Energy	Classic	27/5/22	No	No	No	Monthly billing and direct debit only

2.1.1 Potential savings - Differences between electricity offers

Typical consumption households (4,800kWh per annum) on the VDO can save around \$120 and \$350 per annum if switching to the best published market offer (depending on their network area).²⁸ This potential saving is less than it was last year (July 2021). The difference between the worst and the best market offers, however, has increased. Customers on the best market offer will pay approximately \$700 - \$945 less per annum compared to customers on the worst market offer.

Chart 9 below shows the retail market offer price-spread within each of the five network areas.²⁹



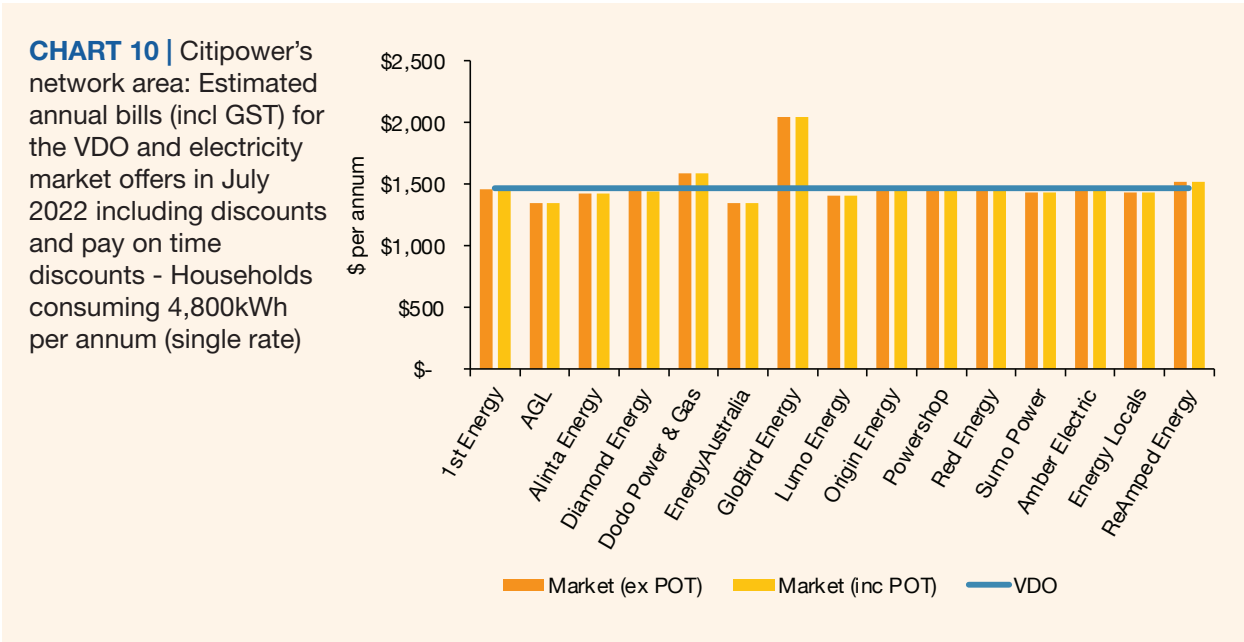
28. Based on market offer bills that include guaranteed discounts and pay on time discounts.

29. Households using 4,800kWh per annum (single rate) and all market offer bills include guaranteed discounts and/or pay on time discounts.

Charts 10 – 14 below show annual retail bills for typical consumption (4,800kWh per annum, single rate) for each of the five network areas. The red columns to the left represent market offers including guaranteed discounts (but not pay on time discounts), the orange columns are market offer bills including pay on time discounts while the blue line represents the VDO bill.³⁰

Citipower

In Citipower’s area, the average market offer post July 2022 is \$1,485. A typical consumption household on the VDO can save around \$120 per annum if switching to the best published market offer. AGL is the retailer that currently offers the best market offer rates in this area.



The difference between the best and the worst market offer is greater than the difference between the VDO and the best market offer. AGL’s offer is approximately \$700 less than GloBird’s market offer for households with this consumption level. Figure 1 below shows estimated annual bills for market offers post discounts in Citipower’s network area.³¹

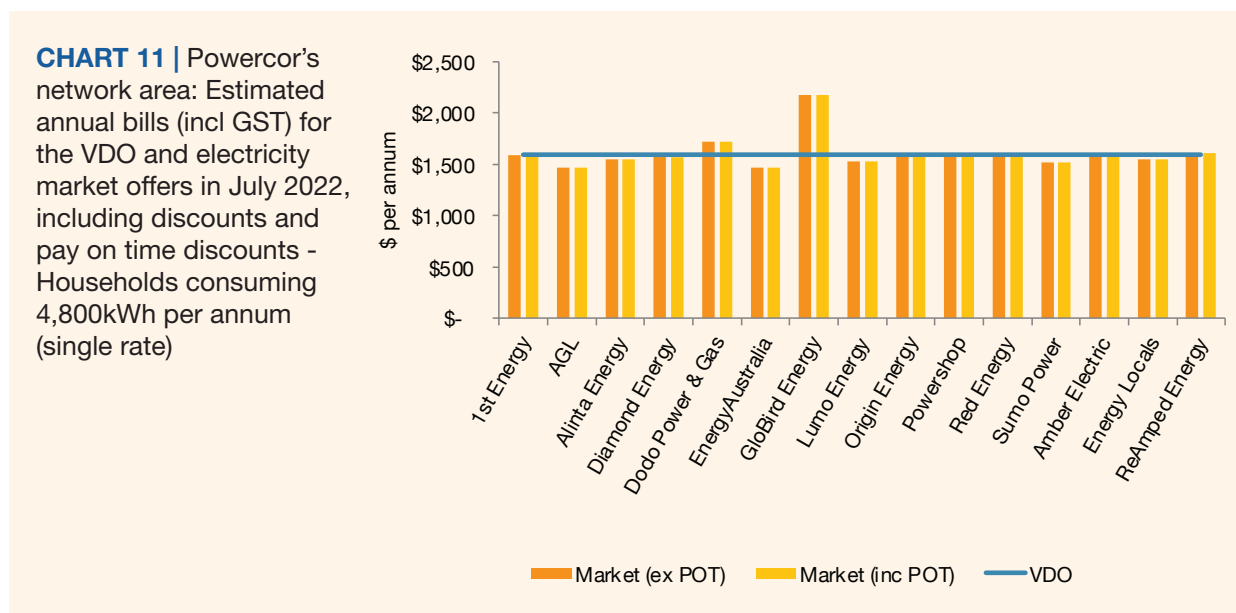
FIGURE 1 | Citipower’s network area: Lowest to highest annual bills

	AGL	\$1,347		Energy Locals	\$1,436		1st Energy	\$1,461
	EnergyAustralia	\$1,348		Diamond Energy	\$1,438		Amber Electric	\$1,482
	Lumo Energy	\$1,406		Red Energy	\$1,450		ReAmped Energy	\$1,518
	Alinta Energy	\$1,421		Origin Energy	\$1,451		Dodo Power & Gas	\$1,585
	Sumo Power	\$1,434		Powershop	\$1,454		GloBird Energy	\$2,045

30. Discounts (excluding GST) have been applied to consumption and/or total bill as per offers listed in table 1.
 31. Bills (incl GST) for market offers July 2022, including discounts and pay on time discounts - Households consuming 4,800kWh per annum (single rate). These market offers were collected from the retailers’ websites between 12 July and 1 August 2022 and it should be noted that retailers may change their rates at any time. See table 1 for the dates these offers took effect. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

Powercor

In Powercor’s network area, the average market offer post July 2022 is approximately \$1,605. A typical consumption household on the VDO can save around \$130 per annum if switching to the best published market offer. AGL and Energy Australia are the retailers that currently offer the best market offers in this area.



The difference between the best and the worst market offer is greater than the difference between the VDO and the best market offer. AGL and Energy Australia’s offers are \$705 less than GloBird’s market offer (post discounts) for households with this consumption level. Figure 2 below shows estimated annual bills for market offers post discounts in Powercor’s network area.³²

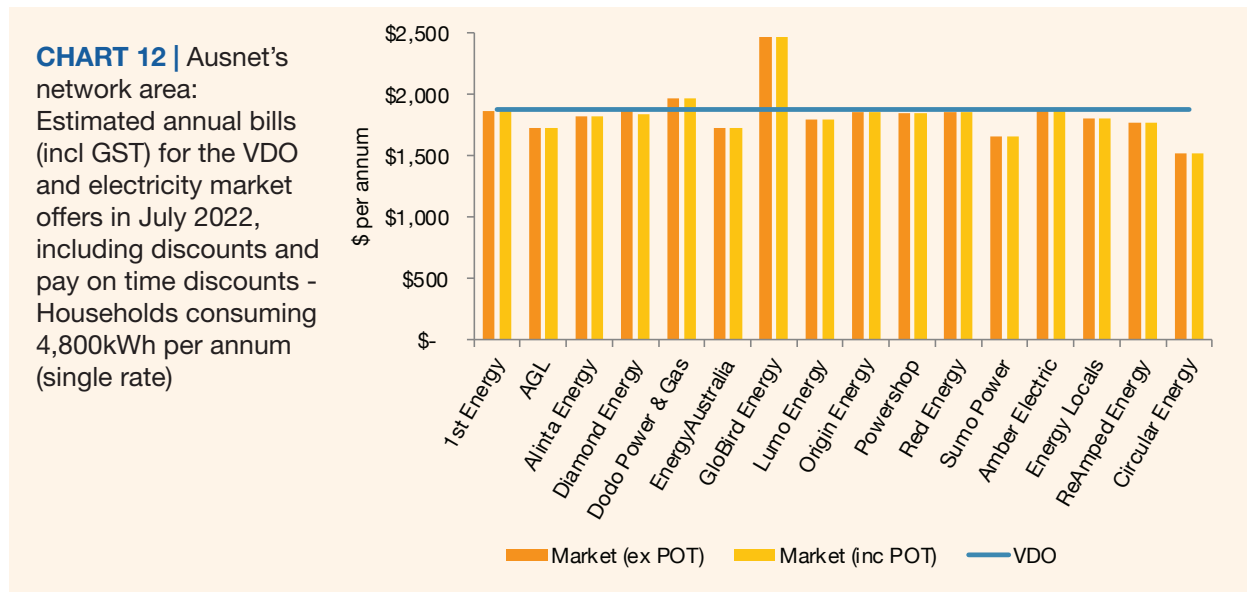
FIGURE 2 | Powercor’s network area: Lowest to highest annual bills

 AGL	\$1,469	 Alinta Energy	\$1,549	 1st Energy	\$1,591
 EnergyAustralia	\$1,469	 Diamond Energy	\$1,568	 ReAmped Energy	\$1,604
 Sumo Power	\$1,520	 Red Energy	\$1,581	 Amber Electric	\$1,612
 Lumo Energy	\$1,533	 Origin Energy	\$1,581	 Dodo Power & Gas	\$1,718
 Energy Locals	\$1,545	 Powershop	\$1,585	 GloBird Energy	\$2,175

32. Bills (incl GST) for market offers July 2022, including discounts and pay on time discounts - Households consuming 4,800kWh per annum (single rate). These market offers were collected from the retailers’ websites between 12 July and 1 August 2022 and it should be noted that retailers may change their rates at any time. See table 1 for the dates these offers took effect. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

Ausnet

In Ausnet’s network area, the average market offer post July 2022 is approximately \$1,840. A typical consumption household on the VDO can save around \$350 per annum if switching to the best published market offer. Circular Energy is the retailer that currently offers the best market offer rates in this area.



As in other network areas, the difference between the best and the worst market offers is greater than the difference between the VDO and the best market offer. Circular Energy’s offer is approximately \$945 less per annum than GloBird’s market offer for households with this consumption level. Figure 3 below shows estimated annual bills for market offers post discounts in Ausnet’s network area.³³

FIGURE 3 | Ausnet’s network area: Lowest to highest annual bills

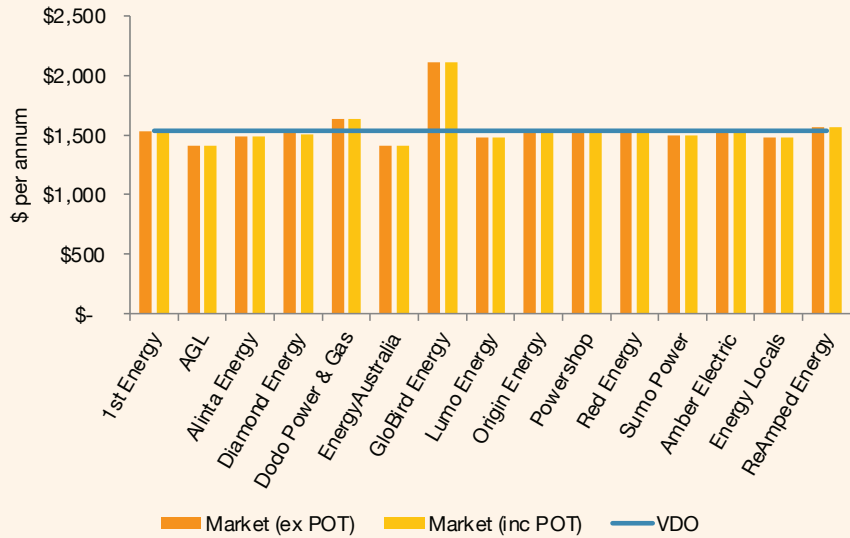
 Circular Energy	\$1,524	 Energy Locals	\$1,808	 1st Energy	\$1,869
 Sumo Power	\$1,659	 Alinta Energy	\$1,818	 Amber Electric	\$1,889
 AGL	\$1,724	 Diamond Energy	\$1,837	 Dodo Power & Gas	\$1,967
 EnergyAustralia	\$1,724	 Powershop	\$1,848	 GloBird Energy	\$2,468
 ReAmped Energy	\$1,770	 Red Energy	\$1,856		
 Lumo Energy	\$1,800	 Origin Energy	\$1,856		

Jemena

In Jemena’s network area, the average market offer post July 2022 is approximately \$1,550. A typical consumption household on the VDO can save around \$125 per annum if switching to the best published market offer. AGL and Energy Australia are the retailers that currently offer the best market offers in this area.










33. Bills (incl GST) for market offers July 2022, including discounts and pay on time discounts - Households consuming 4,800kWh per annum (single rate). These market offers were collected from the retailers’ websites between 12 July and 1 August 2022 and it should be noted that retailers may change their rates at any time. See table 1 for the dates these offers took effect. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

CHART 13 | Jemena's network area:
Estimated annual bills (incl GST) for the VDO and electricity market offers in July 2022, including discounts and pay on time discounts - Households consuming 4,800kWh per annum (single rate)



The difference between the best and the worst market offer is greater than the difference between the VDO and the best market offer. AGL and Energy Australia's offers are \$700 less than GloBird's market offer (post discounts) for households with this consumption level. Figure 4 below shows estimated annual bills for market offers post discounts in Jemena's network area.³⁴

FIGURE 4 | Jemena's network area: Lowest to highest annual bills

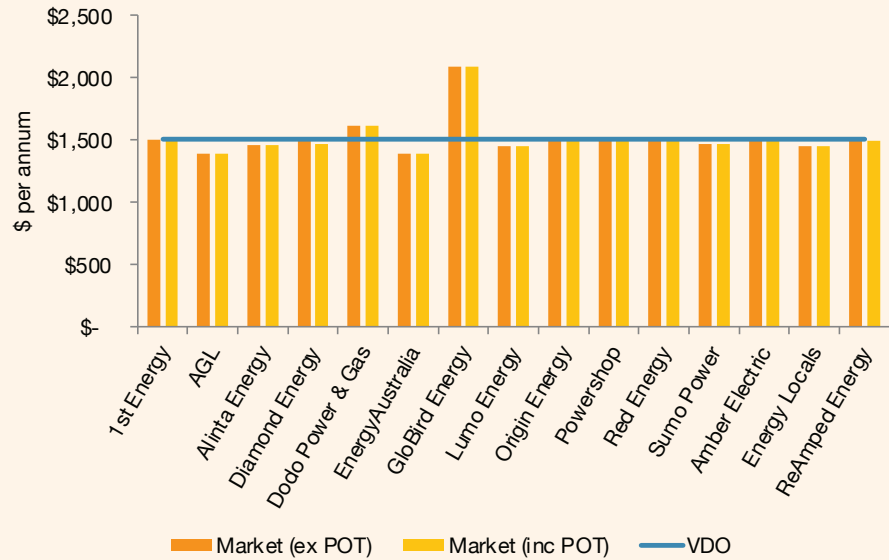
 AGL	\$1,413	 Sumo Power	\$1,496	 1st Energy	\$1,529
 EnergyAustralia	\$1,413	 Diamond Energy	\$1,508	 Amber Electric	\$1,551
 Lumo Energy	\$1,474	 Red Energy	\$1,521	 ReAmped Energy	\$1,565
 EnergyLocals	\$1,478	 Origin Energy	\$1,521	 Dodo Power & Gas	\$1,634
 Alinta Energy	\$1,490	 Powershop	\$1,525	 GloBird Energy	\$2,112

United Energy

In United Energy's network area, the average market offer post July 2022 is approximately \$1,520. A typical consumption household on the VDO can save around \$120 per annum if switching to the best published market offer. AGL and Energy Australia are the retailers that currently offer the best market offers in this area.















34. Bills (incl GST) for market offers January 2022, including discounts and pay on time discounts - Households consuming 4,800kWh per annum (single rate). These market offers were collected from the retailers' websites between 12 July and 1 August 2022 and it should be noted that retailers may change their rates at any time. See table 1 for the dates these offers took effect. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

CHART 14 | United Energy's network area: Estimated annual bills (incl GST) for the VDO and electricity market offers in July 2022, including discounts and pay on time discounts - Households consuming 4,800kWh per annum (single rate)



As in other network areas, the difference between the best and the worst market offers is greater than the difference between the VDO and the best market offer. AGL and Energy Australia's offers are approximately \$700 less per annum than GloBird's market offer (post discounts) for households with this consumption level. Figure 5 below shows estimated annual bills for market offers post discounts in United Energy's network area.³⁵

FIGURE 5 | United Energy's network area: Lowest to highest annual bills

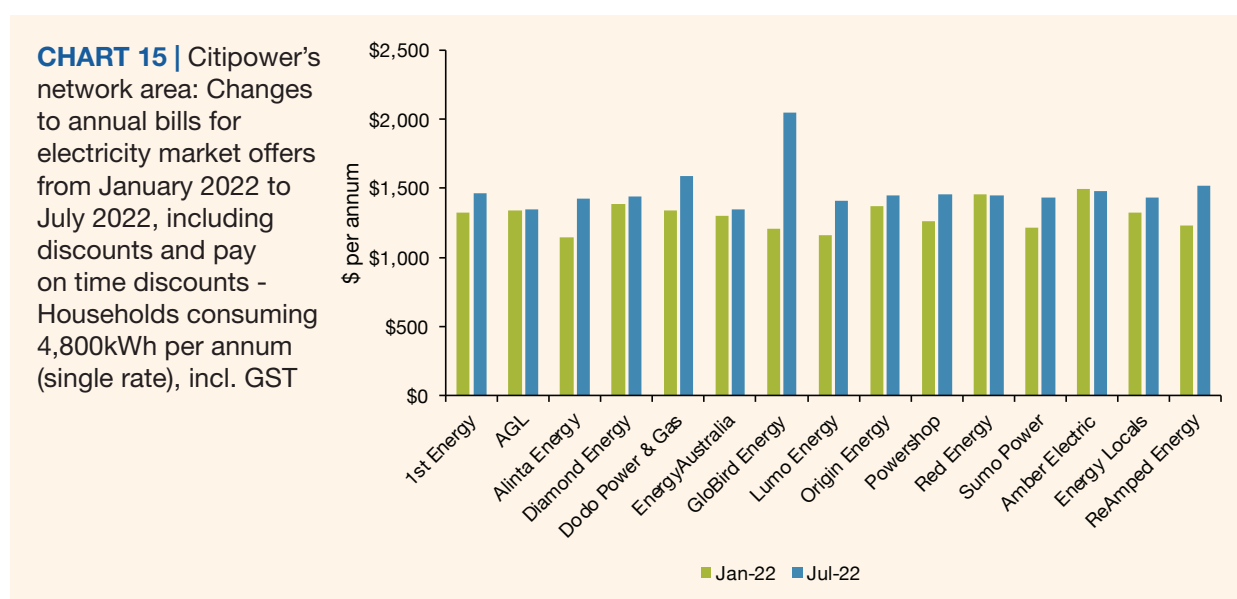
 AGL	\$1,388	 Diamond Energy	\$1,466	 Powershop	\$1,497
 EnergyAustralia	\$1,388	 Sumo Power	\$1,471	 1st Energy	\$1,502
 EnergyLocals	\$1,447	 Red Energy	\$1,493	 Amber Electric	\$1,523
 Lumo Energy	\$1,448	 Origin Energy	\$1,493	 Dodo Power & Gas	\$1,616
 Alinta Energy	\$1,463	 ReAmped Energy	\$1,496	 GloBird Energy	\$2,087

35. Bills (incl GST) for market offers January 2022, including discounts and pay on time discounts - Households consuming 4,800kWh per annum (single rate). These market offers were collected from the retailers' websites between 12 July and 1 August 2022 and it should be noted that retailers may change their rates at any time. See table 1 for the dates these offers took effect. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

2.1.2 Changes to electricity market offers

All the retailers have published new market offers since January 2022, and the majority of retailers have increased their market offer rates by more than the VDO. Compared to January 2022 (the previous VDO price re-set), GloBird, Alinta Energy, Dodo, Lumo, Powershop, ReAmped, 1st Energy, Sumo and Energy Locals are the retailers with the greatest price increases while Red Energy, Amber Electric, and Diamond Energy introduced more modest price increases. Charts 15 – 19 below show retailers’ market offers (as annual bills) as of January 2022 and July 2022, for each network area.³⁶

From January 2022 to July 2022, the VDO decreased by around \$15 (-1%) in Citipower’s network area. Only one of the retailers (Amber Electric) with market offers in this network area decreased their prices similarly to the VDO. Retailers with significant price increases include GloBird (70%), Alinta Energy (24%), ReAmped (23%) and Lumo Energy (21%).



From January 2022 to July 2022, the VDO increased by approximately \$35 (2%) in Powercor’s network area. Only two of the retailers (Amber Electric and Red Energy) with market offers in this network area increased their prices similarly to the VDO. Retailers with significant price increases include GloBird (63%), Alinta Energy (21%), Dodo and Lumo Energy (20%), and ReAmped (19%).

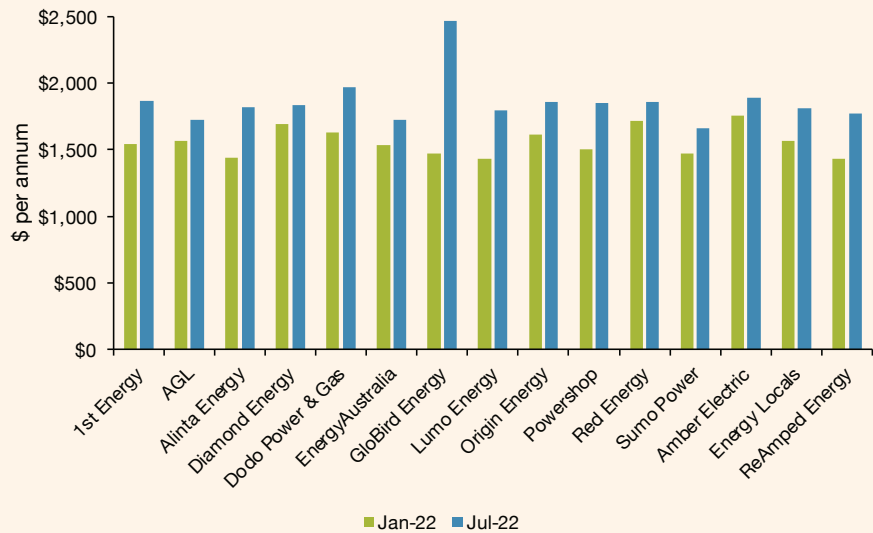
36. As many retailers have discontinued their January 2022 offers and introduced new market offers, this analysis is based on market offers deemed best value as well as “standard” (e.g. no direct debit requirements etc.) in both January 2022 and July 2022. Where this has occurred, the offers used for this comparison (January/July) are: AGL (Flexible Saver/Value Saver), Energy Australia (Total Plan/Flexi Plan) and GloBird (IdeaSave/GloSave).

CHART 16 | Powercor’s network area: Changes to annual bills for electricity market offers from January 2022 to July 2022, including discounts and pay on time discounts – Households consuming 4,800kWh per annum (single rate), incl. GST



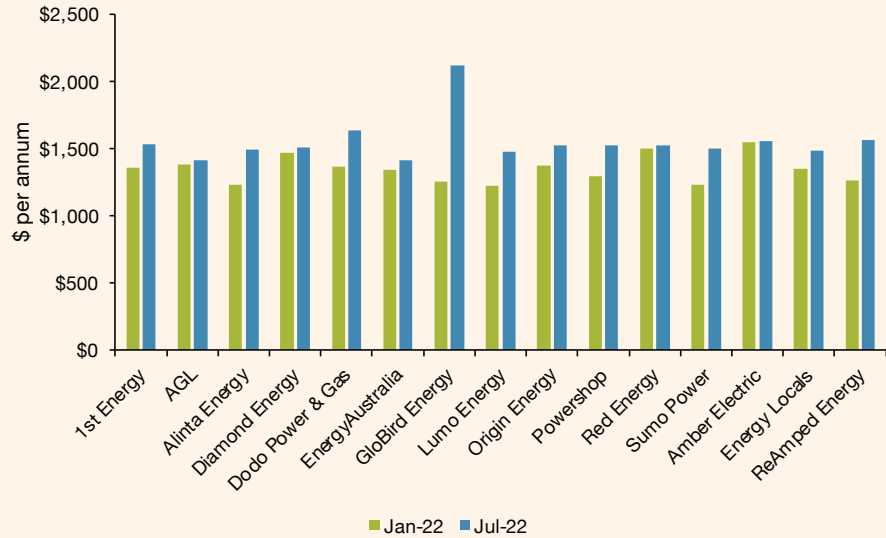
From January 2022 to July 2022, the VDO increased by approximately \$130 (8%) in Ausnet’s network area. Only three of the retailers (Amber Electric, Red Energy and Diamond Energy) with market offers in this network area increased their prices similarly to the VDO. Retailers with significant price increases include GloBird (68%), Alinta Energy and Lumo Energy (26%), ReAmped (24%), Powershop (22%), and Dodo (21%).

CHART 17 | Ausnet’s network area: Changes to annual bills for electricity market offers from January 2022 to July 2022, including discounts and pay on time discounts - Households consuming 4,800kWh per annum (single rate), incl. GST



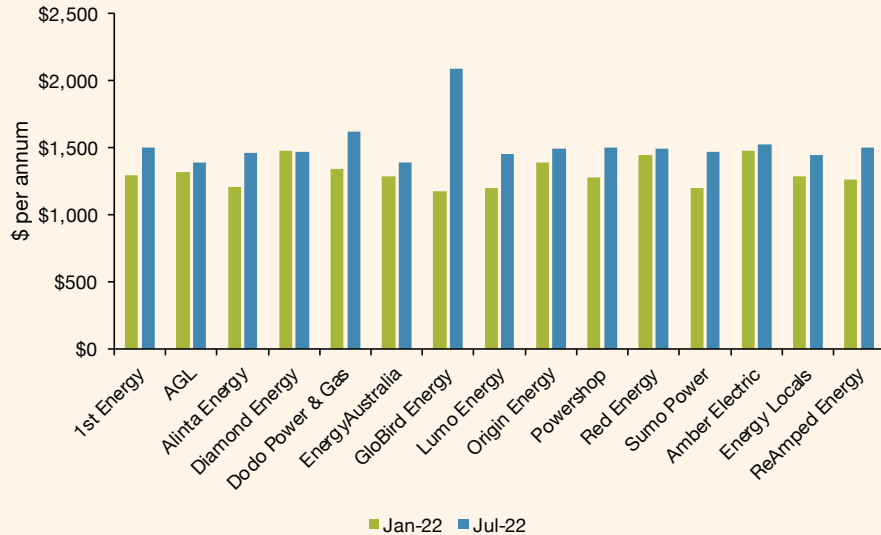
From January 2022 to July 2022, the VDO increased by approximately \$10 (1%) in Jemena’s network area. Only two of the retailers (Amber Electric and Red Energy) with market offers in this network area increased their prices similarly to the VDO. Retailers with significant price increases include GloBird (68%), ReAmped (24%), Alinta Energy, Sumo Power and Lumo Energy (21%), and Dodo (20%).

CHART 18 | Jemena's network area: Changes to annual bills for electricity market offers from January 2022 to July 2022, including discounts and pay on time discounts - Households consuming 4,800kWh per annum (single rate), incl. GST



From January 2022 to July 2022, the VDO increased by approximately \$45 (3%) in United Energy's network area. Only three of the retailers (Diamond Energy, Amber Electric and Red Energy) with market offers in this network area increased their prices similarly, or less, than the VDO. Retailers with significant price increases include GloBird (78%), Sumo Power (23%), Lumo Energy, Alinta Energy and Dodo (21%), and ReAmped (19%).

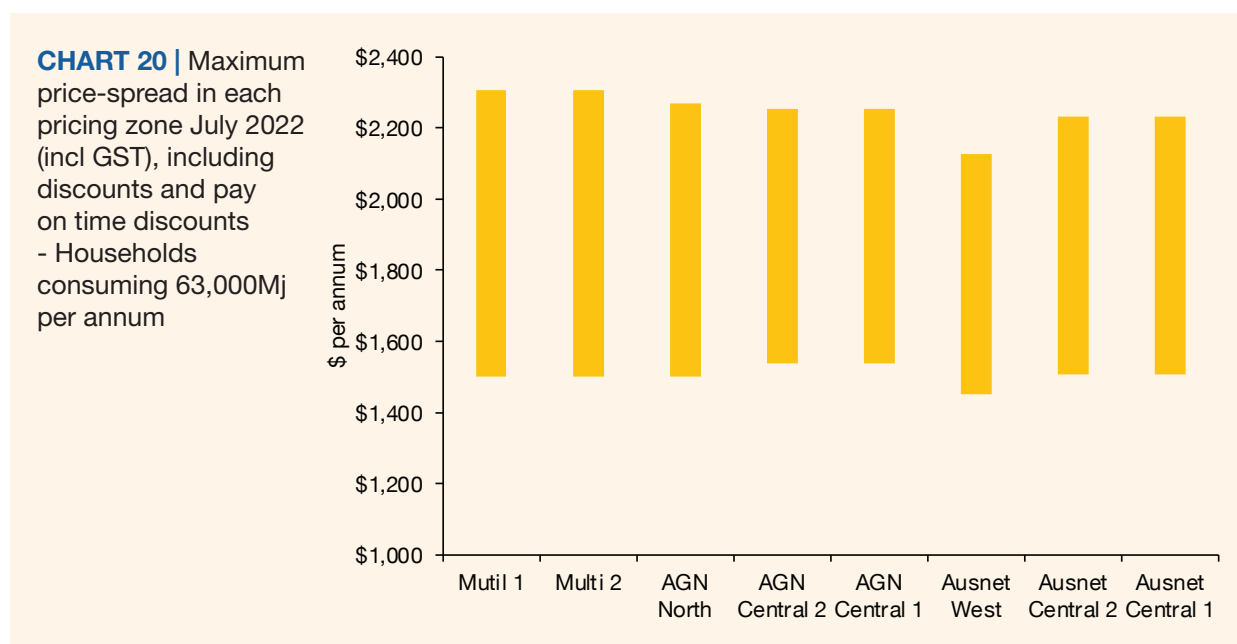
CHART 19 | United Energy's network area: Changes to annual bills for electricity market offers from January 2022 to July 2022, including discounts and pay on time discounts - Households consuming 4,800kWh per annum (single rate), incl. GST



2.2 Gas market offers July 2022³⁷

- ▲ Typical consumption households (63,000Mj) can save \$2,310 - \$2,405 per annum (depending on their gas zone) if switching from the worst standing offer to the best market offer.³⁸
- ▲ The greatest potential savings are in the Ausnet Central gas zones.³⁹
- ▲ The difference between the best and the worst market offers ranges from \$675 per annum (Ausnet West) to approximately \$805 (Multinet) for customers with typical consumption levels.⁴⁰

Chart 20 below shows the retail market offer price-spread within each of the eight main gas pricing zones.



As with electricity, additional discounts may apply to the gas market offer rates. Table 2 below shows additional discounts applicable to the gas retailers' published market offer rates as well as other contract conditions.

37. These bill estimates are based on rates that were collected from the retailers' websites between 13 July and 1 August 2022 and it must be noted that retailers may change their rates at any time. See table 2 for the dates these offers took effect. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

38. Based on the worst of the retailers' standing offer and the best of the published market offers (including additional discounts and/or pay on time discounts).

39. *Ibid.*

40. Households using 63,000Mj per annum. All market offer bills include additional discounts and/or pay on time discounts.

TABLE 2 | Gas market offer features July 2022⁴¹

Retailer	Name	Effective from	Guaranteed discount	Pay on time discount	Contract term/benefit period	Other conditions
AGL	Value Saver	10/5/22	No	No	No	E-billing only
Alinta Energy	Home Deal	1/8/22	No	No	No	No
Dodo Power & Gas	Market offer	8/5/22	No	No	No	No
EnergyAustralia	Flexi Plan	2/6/22	8% off bill	No	12 months	No
Lumo Energy	Value	11/7/22	No	No	No	Price fixed until 31/10/23
Origin Energy	Go Variable	1/7/22	No	No	12 months	No
Red Energy	Living Energy Saver	31/3/22	No	No	No	No
Simply Energy	Basics	1/7/22	No	No	No	No
GloBird Energy	GloSave	3/6/22	No	No	No	Monthly billing only
Powershop	Carbon Neutral	1/2/22	No	No	No	Direct debit only
1st Energy	1st Saver Plus	27/5/22	7% off usage	3% off usage	No	No
Kogan Energy	Kogan Basic	1/1/22	No	No	No	No
Tango Energy	Home Select	1/7/22	No	No	No	Price fixed for 12 months
Sumo Power	Assure	21/2/22	No	No	No	No

2.2.1 Potential savings - Differences between gas offers

Typical consumption households (63,000Mj per annum) on the worst standing offer can save \$2,310 - \$2,405 per annum if switching to the best published market offer (depending on their gas zone).

Charts 21 - 28 below show annual retail bills for typical consumption (63,000Mj per annum) for each of the eight main gas zones. The blue columns to the left represent the standing offer bill, the red columns are the market offers including guaranteed discounts (but not pay on time discounts) while the green columns are market offer bills including pay on time discounts.⁴² Figures 6 – 13 below rank gas market offers according to size of annual bill.⁴³

Multinet 1/Origin Metro Gas Zone

In the Multinet 1 gas zone, average consumption households on the worst standing offer can save approximately \$2,365 per annum if switching to the best published market offer. Sumo Power is the retailer with the best market offer rates in this gas zone.

41. Most retailers have more than one market offer product. The offers used for this analysis are those we deem on-going, key products with as few conditions (i.e. direct debit, e-billing and exit fees) as possible. These bill estimates are based on rates that were collected from the retailers' websites between 13 July and 1 August 2022 and it must be noted that retailers may change their rates at any time. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

42. Based on market offer bills that include discounts and pay on time discounts.

43. As a retailer with good value gas rates can have expensive electricity rates (and vice versa), we seek to focus on retail offers available to customers independently from other products.

CHART 21 | Multinet 1/Origin Metro gas zone:

Estimated annual bills (incl GST) for gas standing and market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁴⁴

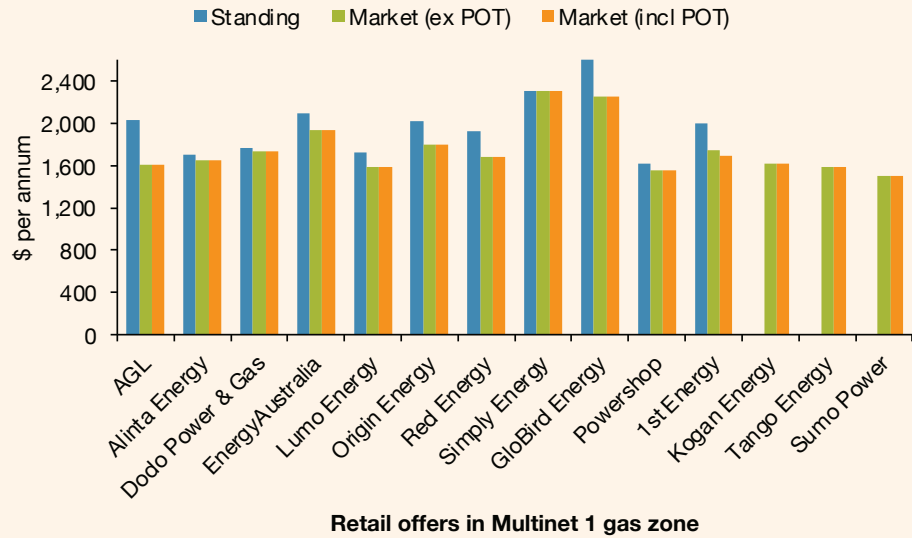
















Figure 6 below shows estimated annual bills for gas market offers post discounts in the Multinet 1 gas zone. The difference between the best (Sumo Power) and the worst (Simply Energy) is \$805 per annum.

FIGURE 6 | Multinet 1/Origin Metro gas zone: Lowest to highest annual bills (incl GST) for market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁴⁵

 Sumo Power	\$1,499	 Kogan Energy	\$1,616	 Origin Energy	\$1,803
 Powershop	\$1,557	 Alinta Energy	\$1,654	 EnergyAustralia	\$1,932
 Lumo Energy	\$1,585	 Red Energy	\$1,687	 GloBird Energy	\$2,252
 Tango Energy	\$1,586	 1st Energy	\$1,695	 Simply Energy	\$2,305
 AGL	\$1,613	 Dodo Power & Gas	\$1,732		

Multinet 2/AGL South Gas Zone

In the Multinet 2 gas zone, average consumption households on the worst standing offer can save approximately \$2,365 per annum if switching to the best published market offer. Sumo Power is the retailer with the best market offer rates in this gas zone.

44. Discounts (excluding GST) have been applied to consumption and/or total bill as per offers listed in the table 2. Note that some retailers do not have published standing offers.
 45. Only retailers that offer stand-alone gas contracts have been included in this figure. These bill estimates are based on rates that were collected from the retailers' websites between 13 July and 1 August 2022 and it must be noted that retailers may change their rates at any time. See table 2 for the dates these offers took effect. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

CHART 22 | Chart 22
Multinet 2/AGL South

gas zone: Estimated annual bills (incl GST) for gas standing and market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum.⁴⁶

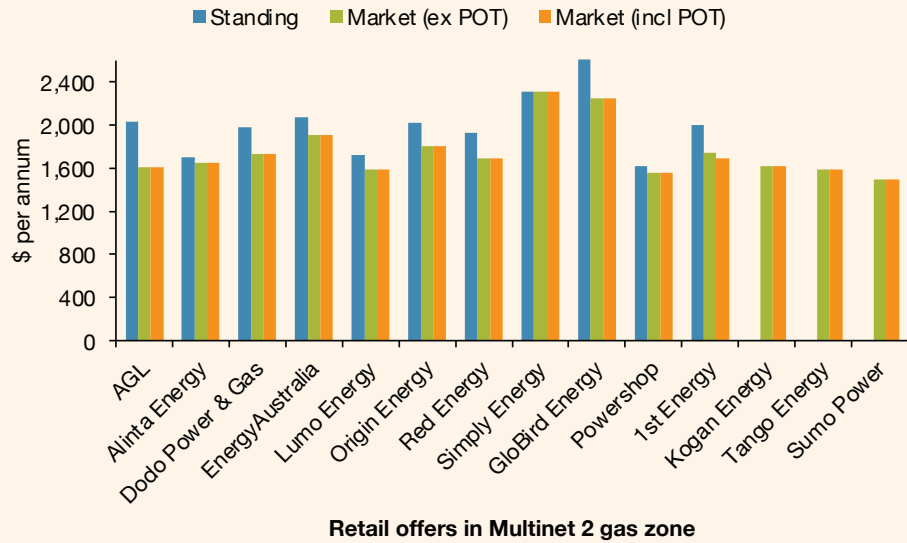
















Figure 7 below shows estimated annual bills for gas market offers post discounts in the Multinet 2 gas zone. The difference between the best (Sumo Power) and the worst (Simply Energy) is \$805 per annum.

FIGURE 7 | Multinet 2/AGL South gas zone: Lowest to highest annual bills (incl GST) for market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁴⁷

 Sumo Power	\$1,499	 Kogan Energy	\$1,616	 Origin Energy	\$1,803
 Powershop	\$1,557	 Alinta Energy	\$1,654	 EnergyAustralia	\$1,908
 Lumo Energy	\$1,585	 Red Energy	\$1,687	 GloBird Energy	\$2,252
 Tango Energy	\$1,586	 1st Energy	\$1,695	 Simply Energy	\$2,305
 AGL	\$1,613	 Dodo Power & Gas	\$1,732		

AGN North/Origin North Gas Zone

In the AGN North gas zone, average consumption households on the worst standing offer can save approximately \$2,405 per annum if switching to the best published market offer. Sumo Power is the retailer with the best market offer rates in this gas zone.

46. Discounts (excluding GST) have been applied to consumption and/or total bill as per offers listed in the table 2. Note that some retailers do not have published standing offers.

47. Only retailers that offer stand-alone gas contracts have been included in this figure. These bill estimates are based on rates that were collected from the retailers' websites between 13 July and 1 August 2022 and it must be noted that retailers may change their rates at any time. See table 2 for the dates these offers took effect. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

CHART 23 | AGN North/Origin North gas zone:

Estimated annual bills (incl GST) for gas standing and market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁴⁸

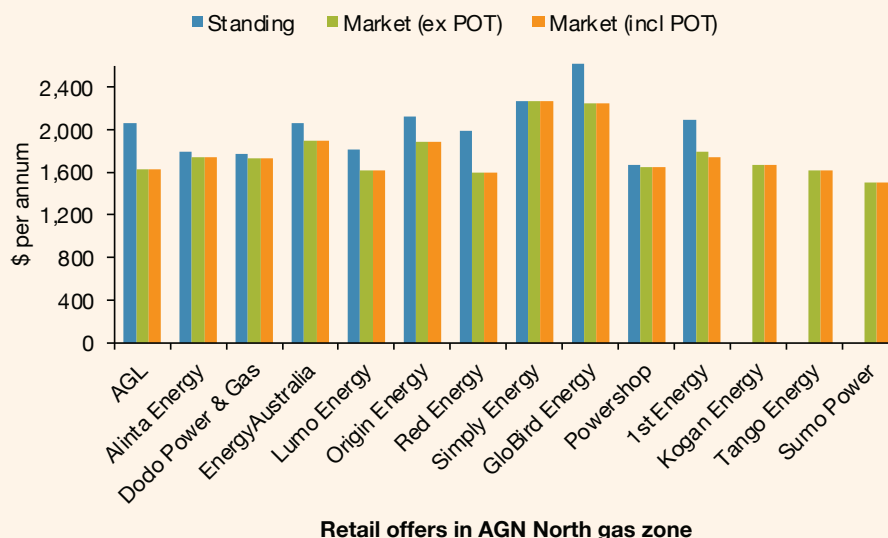
















Figure 8 below shows estimated annual bills for gas market offers post discounts in the AGN North gas zone. The difference between the best (Sumo Power) and the worst (Simply Energy) is approximately \$765 per annum.

FIGURE 8 | AGN North/Origin North gas zone: Lowest to highest annual bills (incl GST) for market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁴⁹

 Sumo Power	\$1,502	 Powershop	\$1,646	 Origin Energy	\$1,886
 Red Energy	\$1,593	 Kogan Energy	\$1,671	 EnergyAustralia	\$1,892
 Lumo Energy	\$1,613	 Dodo Power & Gas	\$1,726	 GloBird Energy	\$2,249
 Tango Energy	\$1,613	 1st Energy	\$1,740	 Simply Energy	\$2,269
 AGL	\$1,629	 Alinta Energy	\$1,743		

AGN Central 2/Tru East Gas Zone

In the AGN Central 2 gas zone, average consumption households on the worst standing offer can save approximately \$2,365 per annum if switching to the best published market offer. Sumo Power is the retailer with the best market offer rates in this gas zone.

48. Discounts (excluding GST) have been applied to consumption and/or total bill as per offers listed in the table 2. Note that some retailers do not have published standing offers.

49. Only retailers that offer stand-alone gas contracts have been included in this figure. These bill estimates are based on rates that were collected from the retailers' websites between 13 July and 1 August 2022 and it must be noted that retailers may change their rates at any time. See table 2 for the dates these offers took effect. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

CHART 24 | AGN

Central 2/Tru East gas zone: Estimated annual bills (incl GST) for gas standing and market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁵⁰

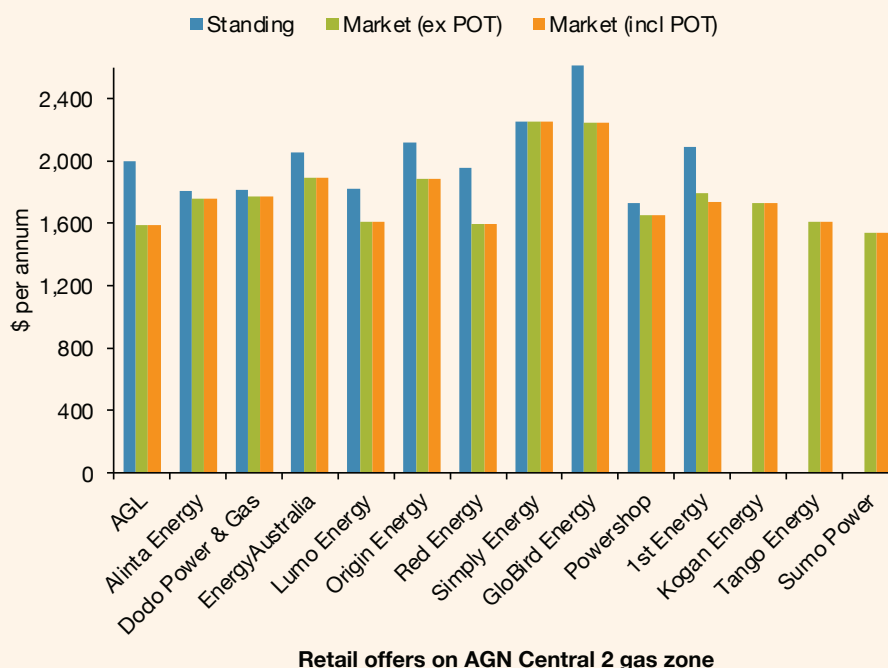















Figure 9 below shows estimated annual bills for gas market offers post discounts in the AGN Central 2 gas zone. The difference between the best (Sumo Power) and the worst (Simply Energy) is approximately \$715 per annum.

FIGURE 9 | AGN Central 2/Tru East gas zone: Lowest to highest annual bills (incl GST) for market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁵¹

 Sumo Power	\$1,538	 Powershop	\$1,655	 Origin Energy	\$1,886
 AGL	\$1,585	 Kogan Energy	\$1,727	 EnergyAustralia	\$1,891
 Red Energy	\$1,593	 1st Energy	\$1,740	 GloBird Energy	\$2,249
 Tango Energy	\$1,612	 Alinta Energy	\$1,756	 Simply Energy	\$2,255
 Lumo Energy	\$1,613	 Dodo Power & Gas	\$1,772		

AGN Central 1/Origin South East Gas Zone

In the AGN Central 1 gas zone, average consumption households on the worst standing offer can save approximately \$2,365 per annum if switching to the best published market offer. Sumo Power is the retailer with the best market offer rates in this gas zone.

50. Discounts (excluding GST) have been applied to consumption and/or total bill as per offers listed in the table 2. Note that some retailers do not have published standing offers.

51. Only retailers that offer stand-alone gas contracts have been included in this figure. These bill estimates are based on rates that were collected from the retailers' websites between 13 July and 1 August 2022 and it must be noted that retailers may change their rates at any time. See table 2 for the dates these offers took effect. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

CHART 25 | AGN
Central 1/Origin
South East gas zone:

Estimated annual bills (incl GST) for gas standing and market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁵²

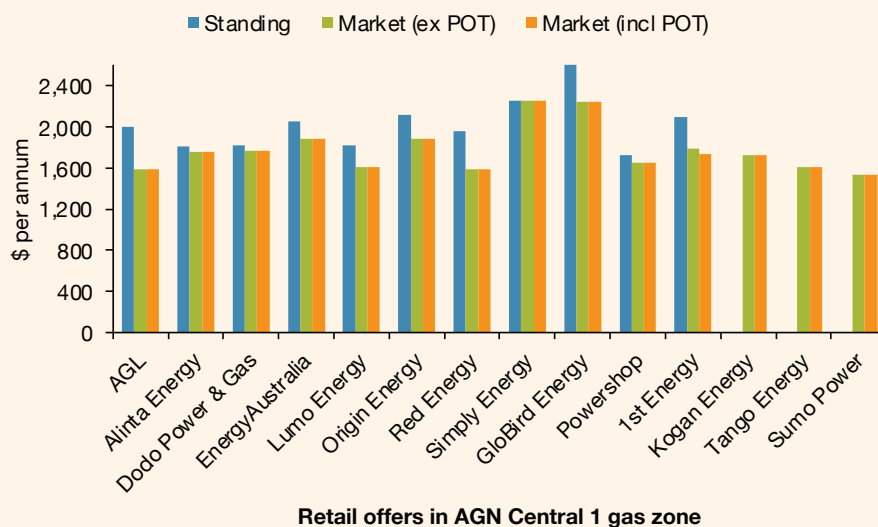















Figure 10 below shows estimated annual bills for gas market offers post discounts in the AGN Central 1 gas zone. The difference between the best (Tango Energy) and the worst (Origin Energy) is approximately \$540 per annum.

FIGURE 10 | AGN Central 1/Origin South East gas zone: Lowest to highest annual bills (incl GST) for market offers January 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁵³

 Sumo Power	\$1,538	 Powershop	\$1,655	 Origin Energy	\$1,886
 AGL	\$1,585	 Kogan Energy	\$1,727	 EnergyAustralia	\$1,889
 Red Energy	\$1,593	 1st Energy	\$1,740	 GloBird Energy	\$2,249
 Tango Energy	\$1,612	 Alinta Energy	\$1,756	 Simply Energy	\$2,255
 Lumo Energy	\$1,613	 Dodo Power & Gas	\$1,772		

Ausnet West/Tru West Gas Zone

In the Ausnet West gas zone, average consumption households on the worst standing offer can save approximately \$2,365 per annum if switching to the best published market offer. Powershop is the retailer with the best market offer rates in this gas zone.

52. Discounts (excluding GST) have been applied to consumption and/or total bill as per offers listed in the table 2. Note that some retailers do not have published standing offers.

53. Only retailers that offer stand-alone gas contracts have been included in this figure. These bill estimates are based on rates that were collected from the retailers' websites in mid-January 2022 and it must be noted that retailers may change their rates at any time. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

CHART 26 | Ausnet West/Tru West gas zone: Estimated annual bills (incl GST) for gas standing and market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁵⁴

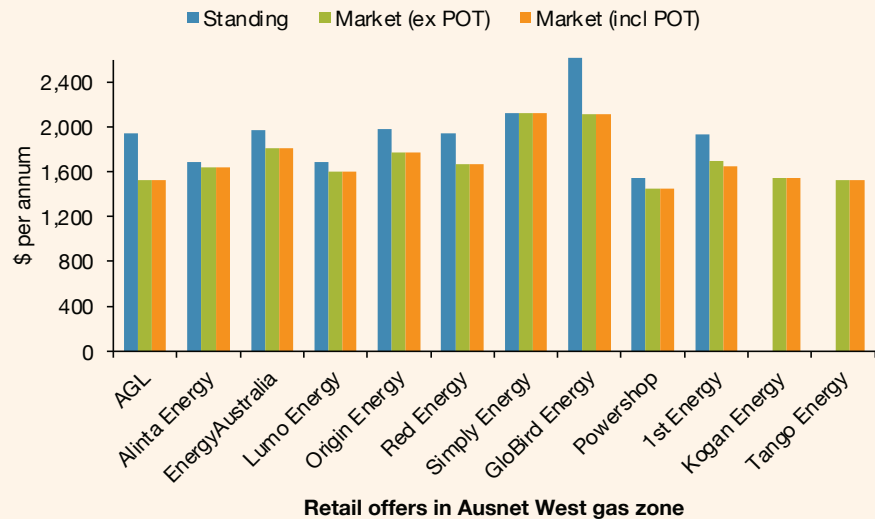


Figure 11 below shows estimated annual bills for gas market offers post discounts in the Ausnet West gas zone. The difference between the best (Powershop) and the worst (Simply Energy) is approximately \$675 per annum.

FIGURE 11 | Ausnet West/Tru West gas zone: Lowest to highest annual bills (incl GST) for market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁵⁵

	Powershop	\$1,451		Lumo Energy	\$1,598		Origin Energy	\$1,766
	AGL	\$1,523		Alinta Energy	\$1,636		EnergyAustralia	\$1,813
	Tango Energy	\$1,524		1st Energy	\$1,649		GloBird Energy	\$2,115
	Kogan Energy	\$1,541		Red Energy	\$1,666		Simply Energy	\$2,126

Ausnet Central 2/AGL North Gas Zone

In the Ausnet Central 2 gas zone, average consumption households on the worst standing offer can save approximately \$2,310 per annum if switching to the best published market offer. Sumo Power is the retailer with the best market offer rates in this gas zone.

54. Discounts (excluding GST) have been applied to consumption and/or total bill as per offers listed in the table 2. Note that some retailers do not have published standing offers.

55. Only retailers that offer stand-alone gas contracts have been included in this figure. These bill estimates are based on rates that were collected from the retailers' websites between 13 July and 1 August 2022 and it must be noted that retailers may change their rates at any time. See table 2 for the dates these offers took effect. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

CHART 27 | Ausnet Central 2/AGL North gas zone:

Estimated annual bills (incl GST) for gas standing and market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁵⁶

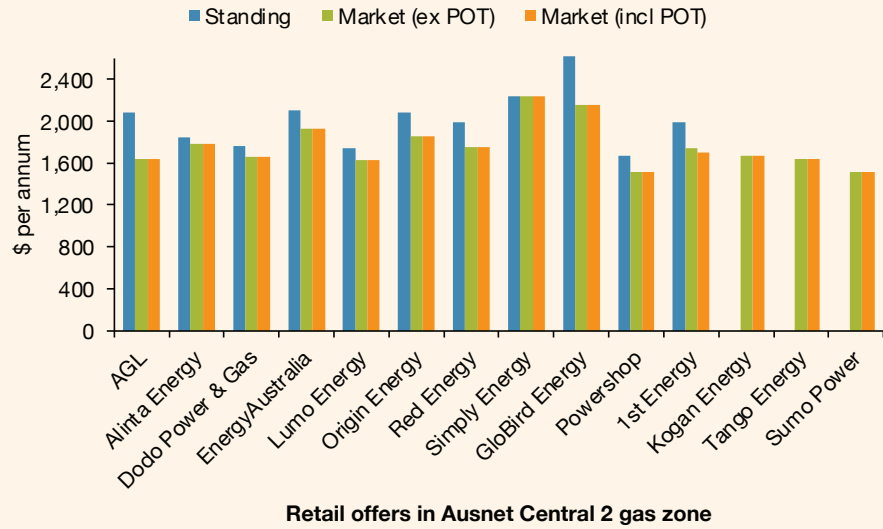
















Figure 12 below shows estimated annual bills for gas market offers post discounts in the Ausnet Central 2. The difference between the best (Sumo Power) and the worst (Simply Energy) is approximately \$725 per annum.

FIGURE 12 | Ausnet Central 2/AGL North gas zone: Lowest to highest annual bills (incl GST) for market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁵⁷

	Sumo Power	\$1,508		Dodo Power & Gas	\$1,655		Origin Energy	\$1,854
	Powershop	\$1,511		Kogan Energy	\$1,667		EnergyAustralia	\$1,930
	Lumo Energy	\$1,631		1st Energy	\$1,694		GloBird Energy	\$2,150
	AGL	\$1,639		Red Energy	\$1,752		Simply Energy	\$2,232
	Tango Energy	\$1,641		Alinta Energy	\$1,785			

Ausnet Central 1/Tru Central Gas Zone

In the Ausnet Central 1 gas zone, average consumption households on the worst standing offer can save approximately \$2,310 per annum if switching to the best published market offer. Sumo Power is again the retailer with the best market offer rates in this gas zone.

56. Discounts (excluding GST) have been applied to consumption and/or total bill as per offers listed in the table 2. Note that some retailers do not have published standing offers.

57. Only retailers that offer stand-alone gas contracts have been included in this figure. These bill estimates are based on rates that were collected from the retailers' websites between 13 July and 1 August 2022 and it must be noted that retailers may change their rates at any time. See table 2 for the dates these offers took effect. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

CHART 28 | Ausnet Central 1/Tru Central gas zone: Estimated annual bills (incl GST) for gas standing and market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁵⁸

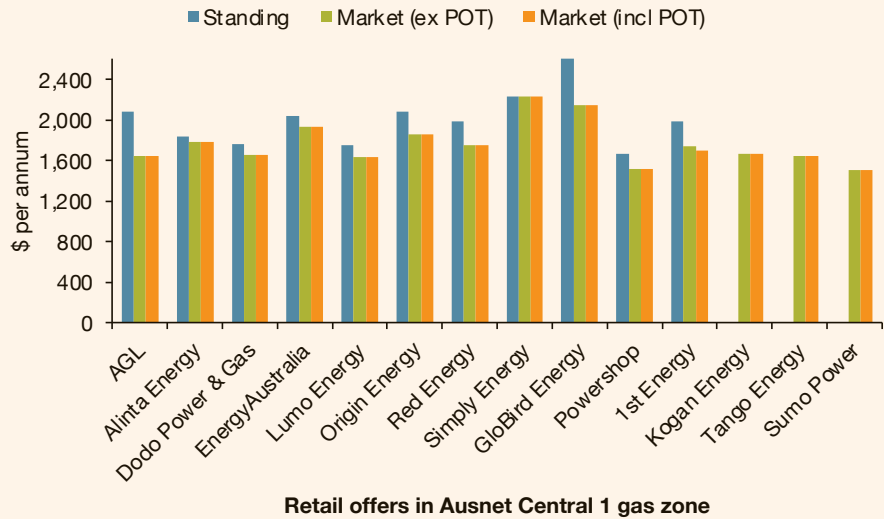
















Figure 13 below shows estimated annual bills for gas market offers post discounts in the Ausnet Central 1 gas zone. The difference between the best (Sumo Power) and the worst (Simply Energy) is approximately \$725 per annum.

FIGURE 13 | Ausnet Central 1/Tru Central gas zone: Lowest to highest annual bills (incl GST) for market offers July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum⁵⁹

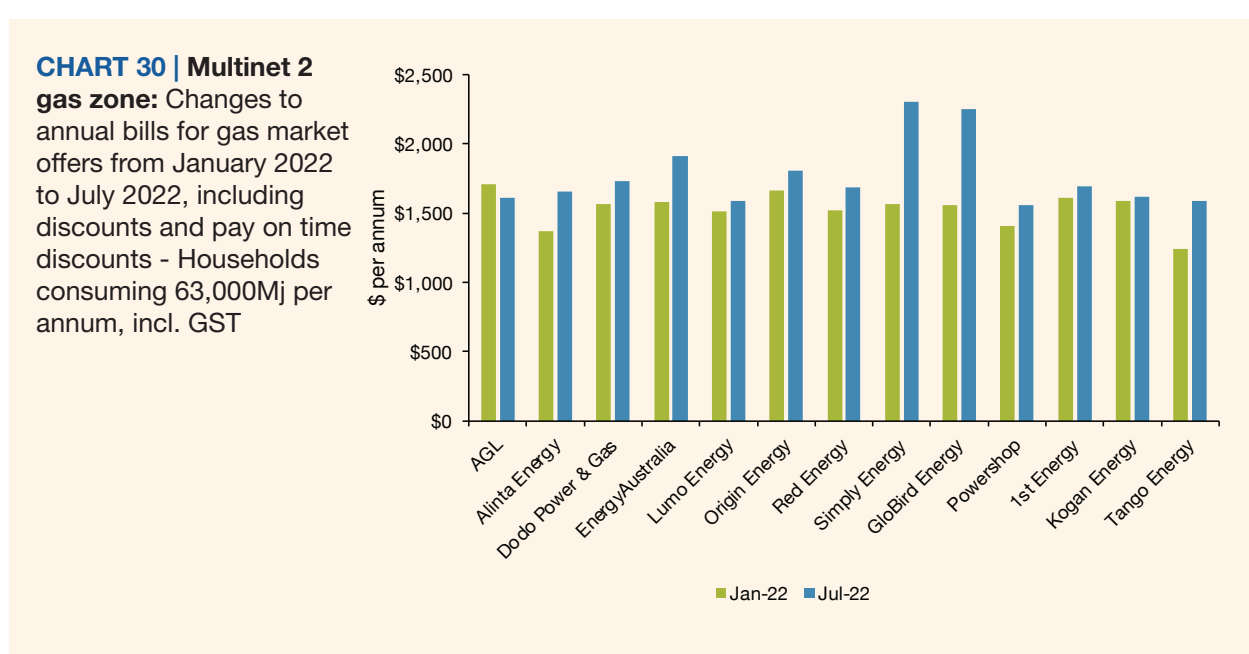
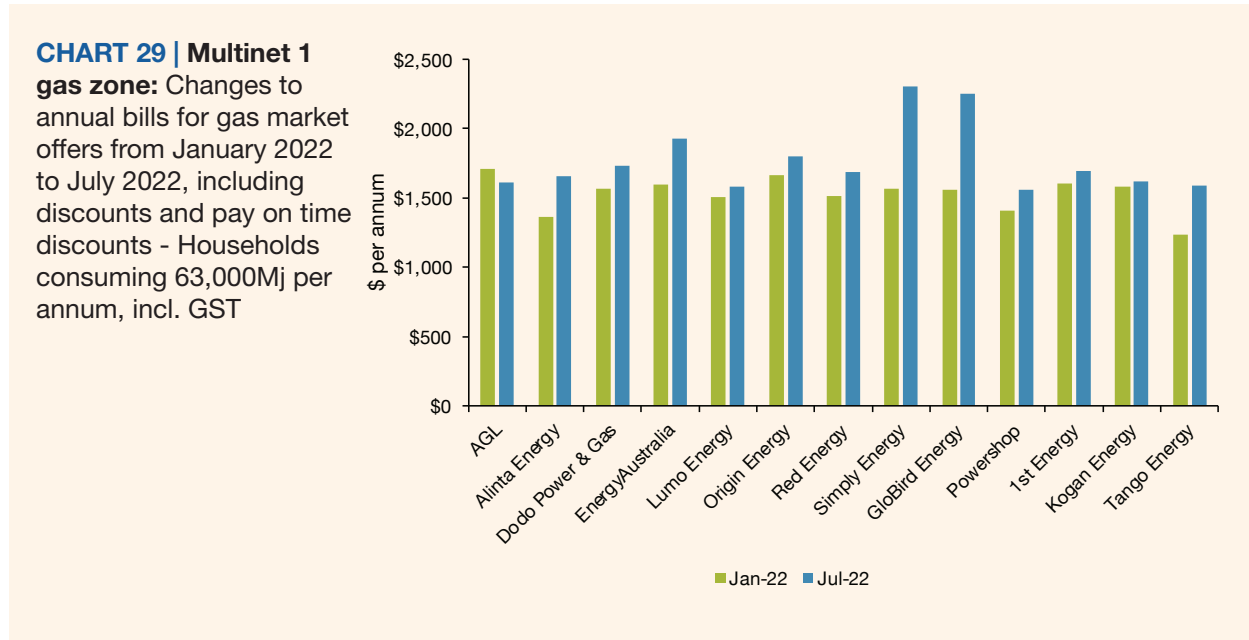
	Sumo Power	\$1,508		Dodo Power & Gas	\$1,655		Origin Energy	\$1,854
	Powershop	\$1,511		Kogan Energy	\$1,667		EnergyAustralia	\$1,931
	Lumo Energy	\$1,631		1st Energy	\$1,694		GloBird Energy	\$2,150
	AGL	\$1,639		Red Energy	\$1,752		Simply Energy	\$2,232
	Tango Energy	\$1,641		Alinta Energy	\$1,785			

58. Discounts (excluding GST) have been applied to consumption and/or total bill as per offers listed in the table 2. Note that some retailers do not have published standing offers.

59. Only retailers that offer stand-alone gas contracts have been included in this figure. These bill estimates are based on rates that were collected from the retailers' websites between 13 July and 1 August 2022 and it must be noted that retailers may change their rates at any time. See table 2 for the dates these offers took effect. Additional discounts for customers choosing to pay by direct debit are not included in these bill calculations.

2.2.2 Changes to gas market offers

All the retailers changed their gas market offers between January 2022 and July 2022. AGL reduced its prices while all others increased theirs. GloBird, Simply Energy, Tango Energy, Alinta Energy and Energy Australia are the retailers with some of the greatest price increases. Charts 29 – 36 below show retailers’ market offers (as annual bills) as of January 2022 and July 2022 for each gas zone.⁶⁰



60. As many retailers have discontinued their January 2022 offers and introduced new market offers, this analysis is based on market offers deemed best value as well as “standard” (e.g. no direct debit requirements etc.) in both January 2022 and July 2022. Where this has occurred, the offers used for this comparison (January/July) are: AGL (Flexible Saver/Value Saver), Energy Australia (Total Plan/Flexi Plan), Origin (Go/Go Variable), Simply (Blue Perks/Basics) and Kogan (First/Basic).

CHART 31 | AGN North gas zone: Changes to annual bills for gas market offers from January 2022 to July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum, incl. GST

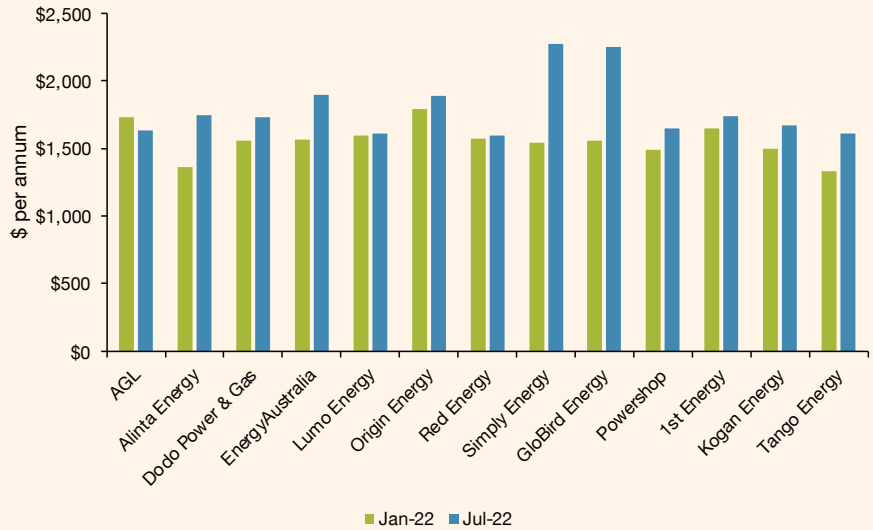


CHART 32 | AGN Central 2 gas zone: Changes to annual bills for gas market offers from January 2022 to July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum, incl. GST

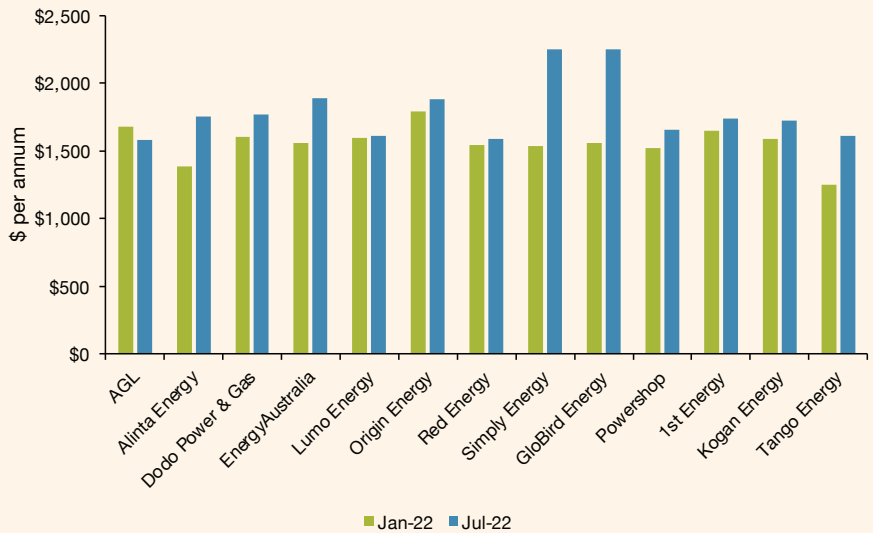


CHART 33 | AGN Central 1 gas zone: Changes to annual bills for gas market offers from January 2022 to July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum, incl. GST

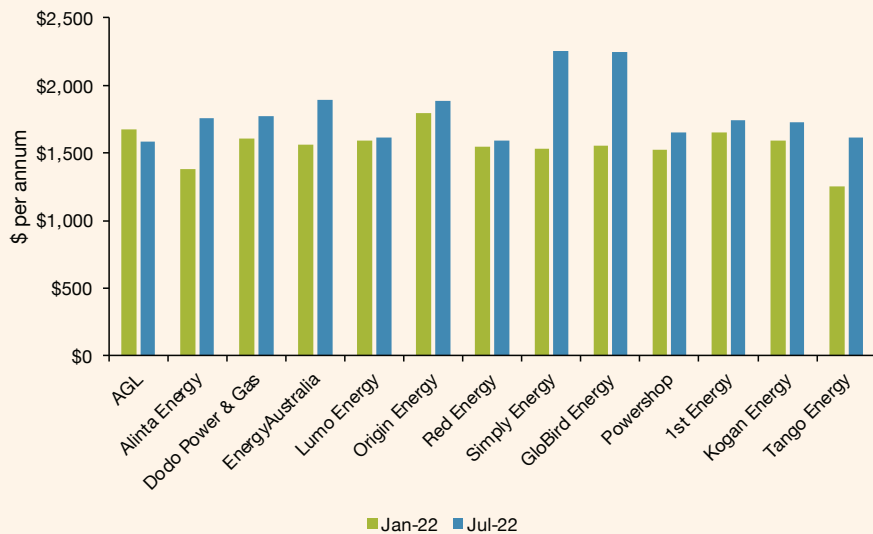


CHART 34 | Ausnet West gas zone: Changes to annual bills for gas market offers from January 2022 to July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum, incl. GST

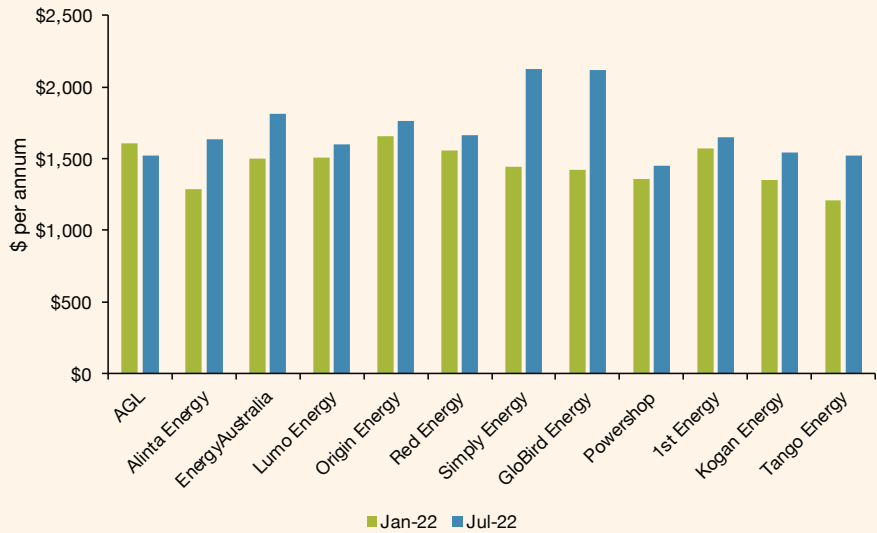


CHART 35 | Ausnet Central 2 gas zone: Changes to annual bills for gas market offers from January 2022 to July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum, incl. GST

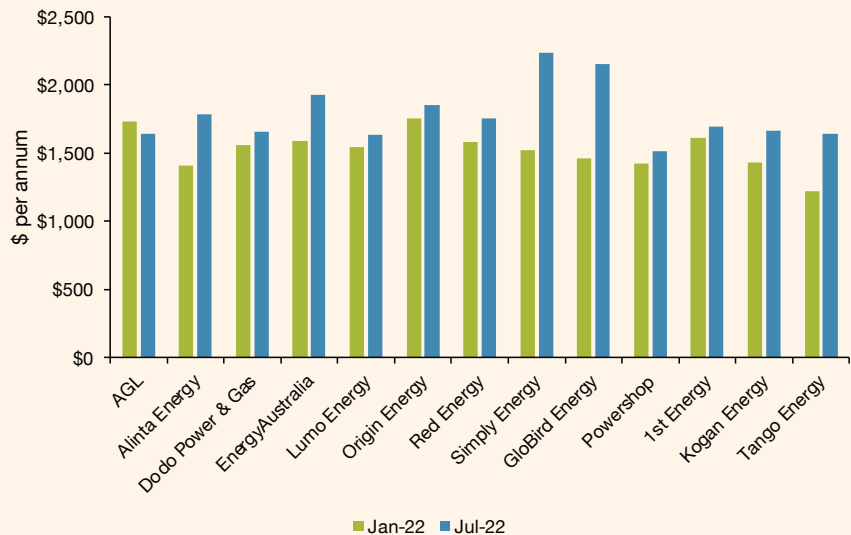


CHART 36 | Ausnet Central 1 gas zone: Changes to annual bills for gas market offers from January 2022 to July 2022, including discounts and pay on time discounts - Households consuming 63,000Mj per annum, incl. GST



2.3 Solar market offers July 2022

- ▲ The maximum price-spread is around \$570 in Ausnet, \$510 in Powercor, \$435 in United Energy and Jemena, and \$420 in Citipower.⁶¹
- ▲ Depending on network area, Melbourne solar customers with a 3kW system installed would on average pay between \$720 and \$755 less per annum compared to non-solar households.⁶²
- ▲ Non-metropolitan households would on average pay between \$810 and \$930 less per annum compared to non-solar households.⁶³

There are approximately 603,000 small to medium scale solar systems in Victoria.⁶⁴ Many of these solar customers are currently receiving a solar feed in rate (FIT) of 60 cents (the premium FIT scheme) but as this scheme is closed to new entrants, customers currently looking for solar offers need to assess both the retailers' FIT rates as well as the cost of electricity imported.⁶⁵

This section analyses and compares market offer bills for Victorian customers with 1.5 kW and 3 kW systems installed. As retailers are not required to publish rates for solar products purchased and installed through them, this analysis only examines electricity offers available to customers independently of solar panels and installation.⁶⁶

Methodology and assumptions

To calculate the annual bills for the various solar market offers the following assumptions and methodology have been applied:

- ▲ An annual household consumption of 4,800kWh (including both produced and imported).
- ▲ Calculations have been produced for households with 1.5 kW and 3 kW systems only.
- ▲ For Melbourne households, an annual generation capacity per kW installed of 1.539 MWh and an export rate of 47.4% for 3 kW systems and 14.9% for 1.5 kW systems.
- ▲ For non-metropolitan households, an annual generation capacity per kW installed of 1.789 MWh and an export rate of 54.8% for 3 kW systems and 26.8% for 1.5 kW systems.⁶⁷
- ▲ Only FIT rates available to new customers have been included. Retailer funded FIT rates have been applied as per offer (see table 3 below).
- ▲ A flat annual consumption has been assumed.
- ▲ The annual bills have been based on quarterly bill calculations and all step increases have been applied as quarterly thresholds (including when the retail offer refers to daily or monthly thresholds). Daily fixed charges have been multiplied by 91 to calculate the quarterly amount.

61. Based on the worst and the best of the published market offers for single rate customers using 4,800 kWh per annum and a 3kW solar system installed. Bills include additional discounts and/or pay on time discounts and FIT, 3kW solar system.

62. *Ibid.*

63. *Ibid.*

64. Small scale is defined as systems up to 100 kW. Clean Energy Council, Clean Energy Australia Report 2022, 76

65. The PFIT scheme and the 60 cents rate is set to last until 2024

66. We note that these systems are small compared to the size of the typical systems that are currently being installed. However, as a key objective of the Tariff-Tracker is to compare developments over time, we continue to base the analysis on 3 kW and 1.5 kW systems.

67. *Ibid.*

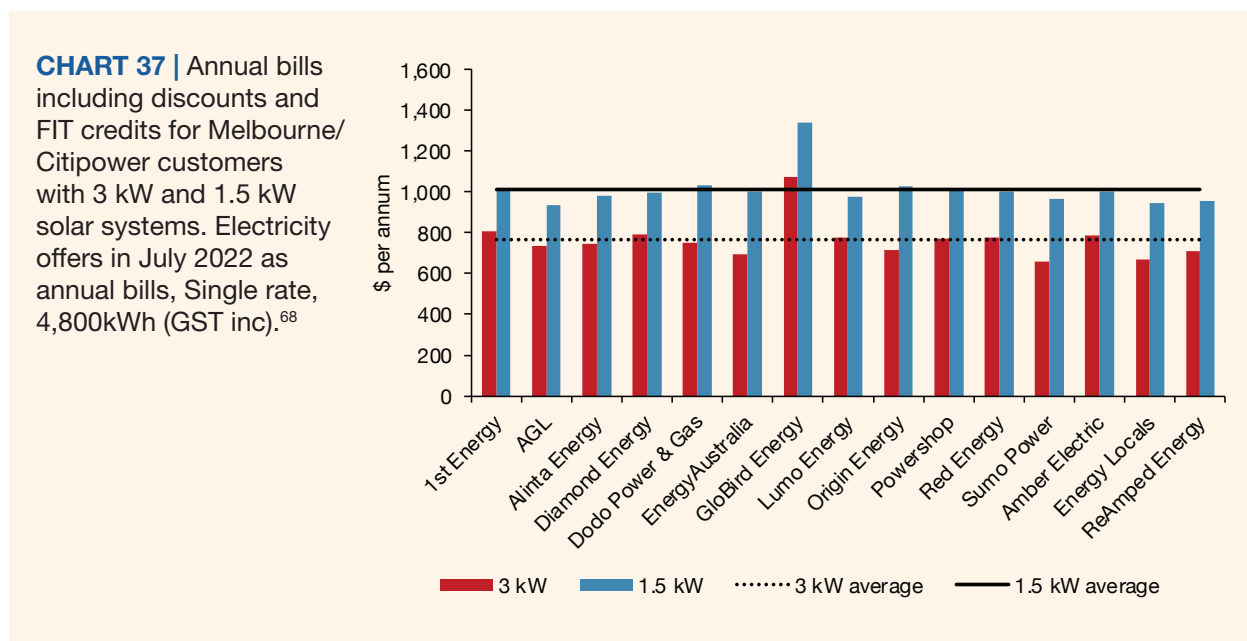
TABLE 3 | Retailers' FIT rates

Retailer	Offer	FIT rate (c/kWh)
Sumo Power	Assure	10.2
EnergyAustralia	Solar Max	10
Origin Energy	Solar Boost	10*
Energy Locals	Online Member	8.3
Dodo Power & Gas	Market offer	8
ReAmped Energy	Solar	7
Alinta Energy	Home Deal	6.7
Powershop	Carbon Neutral	6.7
Red Energy	Living Energy Saver	6.2
1st Energy	1st Super Saver	5.2
AGL	Value Saver	5.2
Diamond Energy	Renewable Saver	5.2
GloBird Energy	GloSave	5.2
Lumo Energy	Value	5.2
Amber Electric	Amber Plan	5.2

*Origin offers 10c for the 14 first kWh exported each day and 5.2c after that

Chart 37 below compares annual retail bills for solar customers in Melbourne (Citipower) with 3 kW and 1.5 kW installed. It shows that for this consumption level, the average market offer bill for households in this area with a 3kW system installed is \$765 and that is around \$720 less than the average market offer bill for non-solar customers (see section 2.1.1 above). Households with a 1.5 kW system installed will typically have an annual bill of around \$1,015.

Melbourne (Citipower) solar customers with 3 kW systems (and this consumption level) would be approximately \$420 per annum better off on Sumo Power's offer compared to GloBird's.



68. Calculations include discounts off usage or bill as well as pay on time discounts off usage or bill.

Chart 38 below shows annual bills for Melbourne solar customers in the Jemena network. It shows that for this consumption level, the average market offer bill for households in this area with a 3kW system installed is around \$795 and that is around \$755 less than the average market offer bill for non-solar customers (see section 2.1.1 above). Households with a 1.5 kW system installed will have an annual bill of \$1,050.

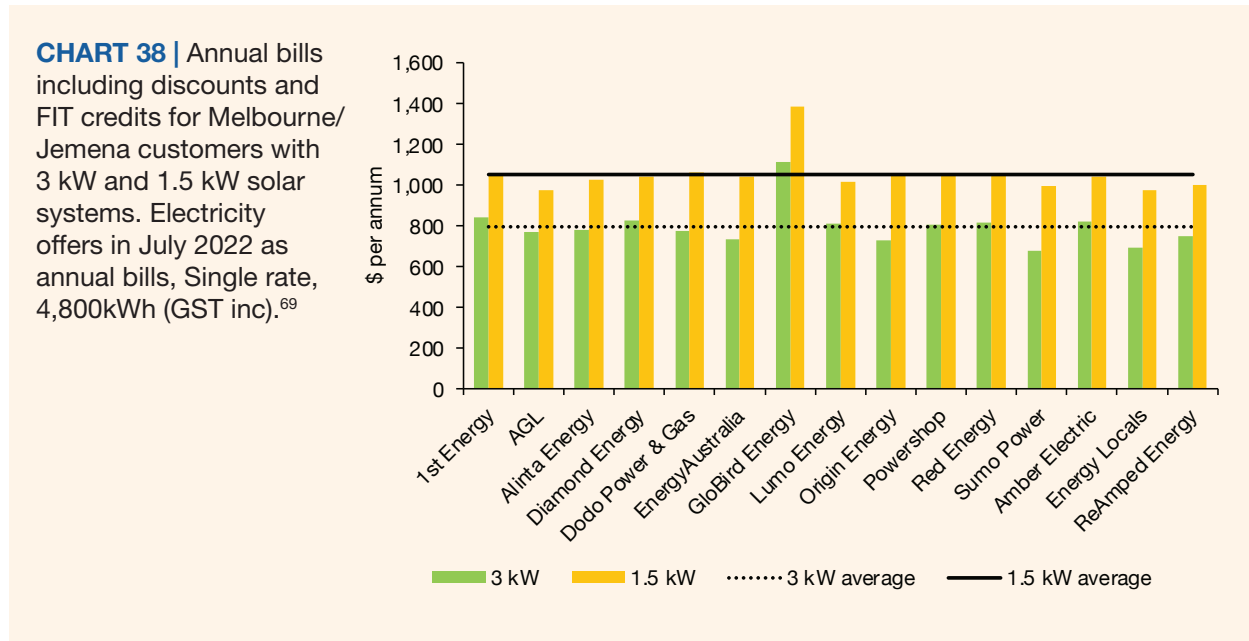
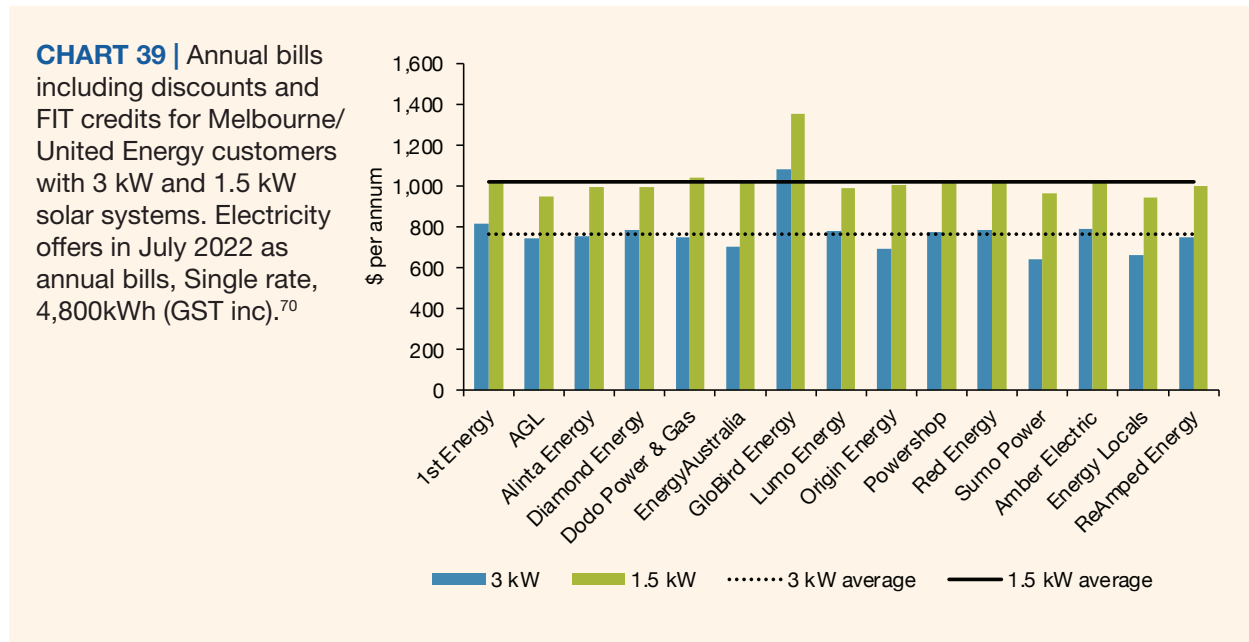
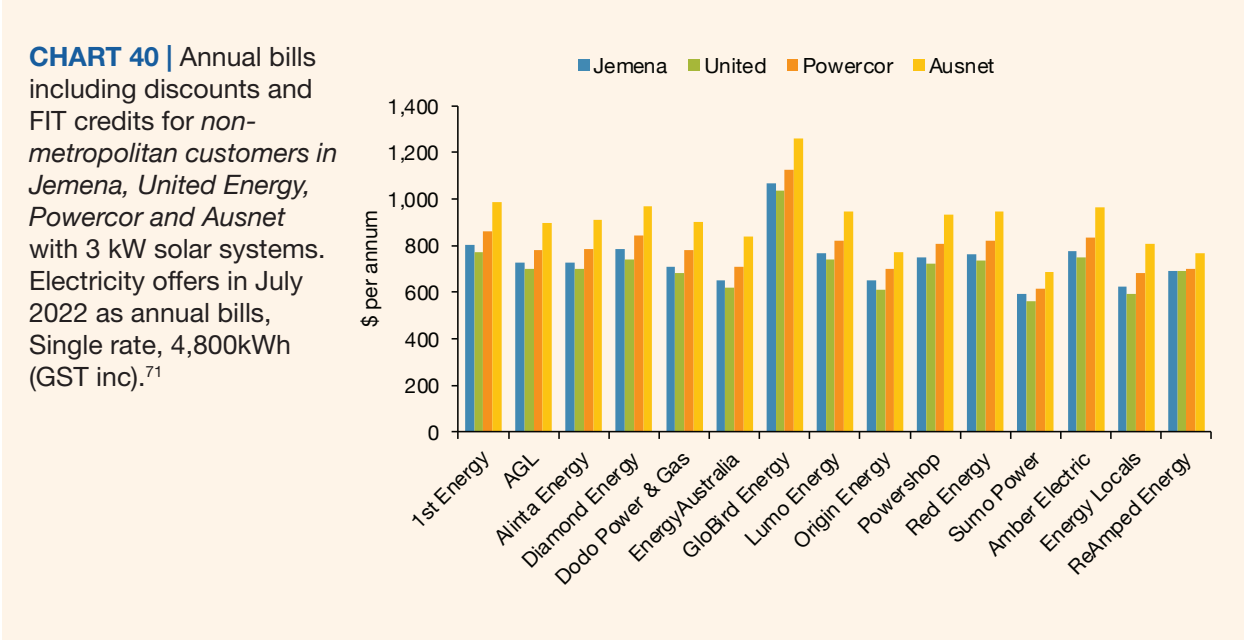


Chart 39 below shows annual bills for Melbourne solar customers in the United Energy network. It shows that for this consumption level, the average market offer bill for households in this area with a 3kW system installed is \$765 and that is \$755 less than the average market offer bill for non-solar customers (see section 2.1.1 above). Households with a 1.5 kW system installed will have an annual bill of around \$1,020.



69. Ibid.
70. Ibid.

Homes outside Melbourne’s metropolitan area will typically have less overshadowing and therefore a higher generation capacity and export rate. Chart 40 compares annual retail bills for non-metropolitan solar customers with 3 kW systems in four network areas (Jemena, United, Powercor and Ausnet). It shows that the average annual bill for non-metropolitan solar customers with this consumption level is approximately \$740 in Jemena, \$710 in United, \$790 in Powercor and \$905 in Ausnet. The average annual bill is \$810 to \$930 lower than the annual bill for non-solar customers (see section 2.1.1 above for non-solar customers).



Figures 14 - 18 below show estimated annual bills for solar market offers including FIT and discounts for Melbourne customers in Citipower, Jemena and United Energy’s networks and non-metropolitan customers in the Powercor and Ausnet networks (all based on 3 kW systems).⁷² The maximum price-spread is around \$570 in Ausnet, \$510 in Powercor, \$435 in United Energy and Jemena, and \$420 in Citipower.

FIGURE 14 | Lowest to highest annual bills (incl GST) for solar market offers in July 2022 in the Citipower network

Sumo Power	\$656	AGL	\$737	Red Energy	\$779
Energy Locals	\$669	Alinta Energy	\$748	Amber Electric	\$786
EnergyAustralia	\$696	Dodo Power & Gas	\$749	Diamond Energy	\$793
ReAmped Energy	\$711	Powershop	\$769	1st Energy	\$809
Origin Energy	\$714	Lumo Energy	\$775	GloBird Energy	\$1,075

71. Ibid.
 72. These bill estimates are based on rates that were collected from the retailers’ between 12 July and 1 August 2022. Bill calculations include guaranteed discounts and pay on time discount but any additional discounts for customers choosing to pay by direct debit are not included. Annual consumption of 4,800kWh annum (including both produced and imported), single rate, and GST inclusive.

FIGURE 15 | Lowest to highest annual bills (incl GST) for solar market offers in July 2022 in the *Jemena* network

 Sumo Power	\$676	 AGL	\$769	 Red Energy	\$813
 Energy Locals	\$693	 Dodo Power & Gas	\$772	 Amber Electric	\$819
 Origin Energy	\$730	 Alinta Energy	\$781	 Diamond Energy	\$827
 EnergyAustralia	\$731	 Powershop	\$803	 1st Energy	\$843
 ReAmped Energy	\$748	 Lumo Energy	\$808	 GloBird Energy	\$1,110

FIGURE 16 | Lowest to highest annual bills (incl GST) for solar market offers in July 2022 in the *United Energy* network

 Sumo Power	\$643	 Dodo Power & Gas	\$748	 Diamond Energy	\$783
 Energy Locals	\$659	 ReAmped Energy	\$748	 Red Energy	\$784
 Origin Energy	\$689	 Alinta Energy	\$753	 Amber Electric	\$790
 EnergyAustralia	\$702	 Powershop	\$774	 1st Energy	\$813
 AGL	\$742	 Lumo Energy	\$780	 GloBird Energy	\$1,079

FIGURE 17 | Lowest to highest annual bills (incl GST) for solar market offers in July 2022 in the *Powercor* network













 Sumo Power	\$616	 Dodo Power & Gas	\$779	 Lumo Energy	\$822
 Energy Locals	\$682	 AGL	\$780	 Amber Electric	\$833
 Origin Energy	\$698	 Alinta Energy	\$784	 Diamond Energy	\$842
 ReAmped Energy	\$701	 Powershop	\$807	 1st Energy	\$860
 EnergyAustralia	\$708	 Red Energy	\$820	 GloBird Energy	\$1,127

FIGURE 18 | Lowest to highest annual bills (incl GST) for solar market offers in July 2022 in the *Ausnet* network

 Sumo Power	\$687	 AGL	\$899	 Red Energy	\$948
 ReAmped Energy	\$768	 Dodo Power & Gas	\$901	 Amber Electric	\$963
 Origin Energy	\$770	 Alinta Energy	\$909	 Diamond Energy	\$969
 Energy Locals	\$807	 Powershop	\$935	 1st Energy	\$989
 EnergyAustralia	\$837	 Lumo Energy	\$946	 GloBird Energy	\$1,258

3. Network charges

This section examines changes to electricity network charges since 2009 and gas distribution charges since 2020.

3.1 Electricity network charges

Electricity bills are made up of several components, including generation (wholesale market) costs, network costs (distribution and transmission), “green schemes” and costs associated with other public policy initiatives, and retail costs. Prior to July 2021, the Victorian electricity networks introduced new Network Use of System (NUOS) charges as of 1 January every year. Since July 2021, however, these changes will occur on 1 July every year. These NUOS charges comprise Transmission Use of System (TUOS) and Distribution Use of System (DUOS). Both the regulator and the retailers amend the retail tariffs to reflect these underlying changes to the NUOS.⁷³

Chart 41 below shows annual NUOS charges from 2008 to 2022/23 and that the maximum difference to the NUOS (for this consumption level) is currently around \$300 per annum compared to \$100 in 2008. In July 2022, the NUOS increased in all network areas. The greatest increase was in the Ausnet network (20%), and the smallest increase was in Citipower (11%).

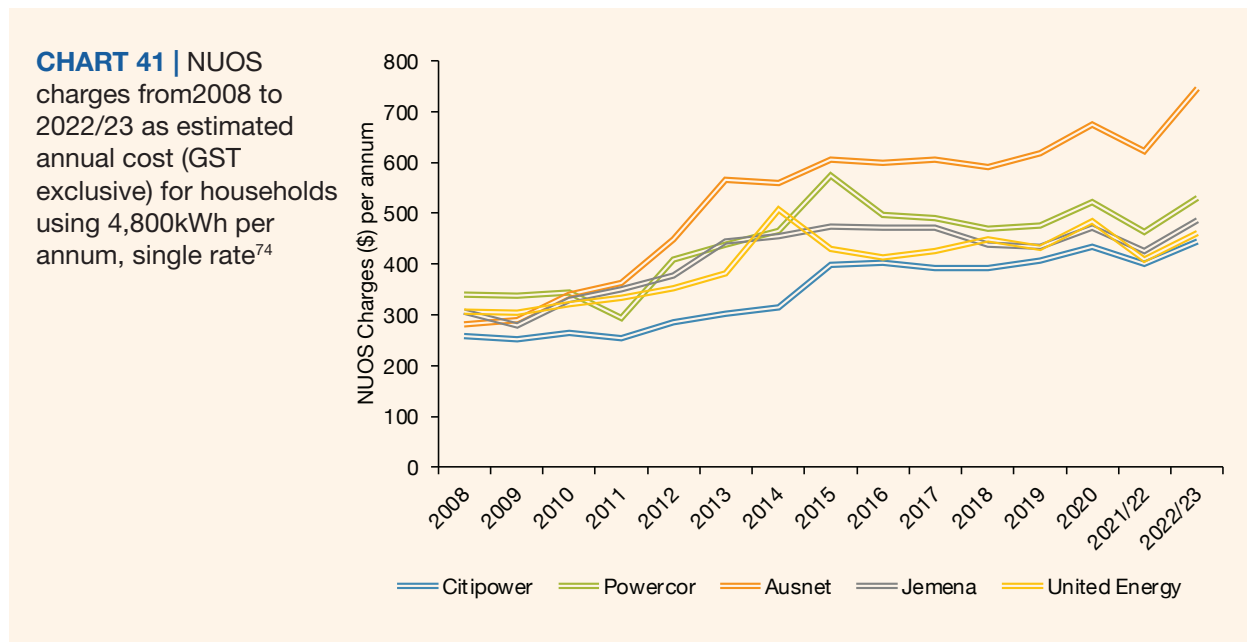
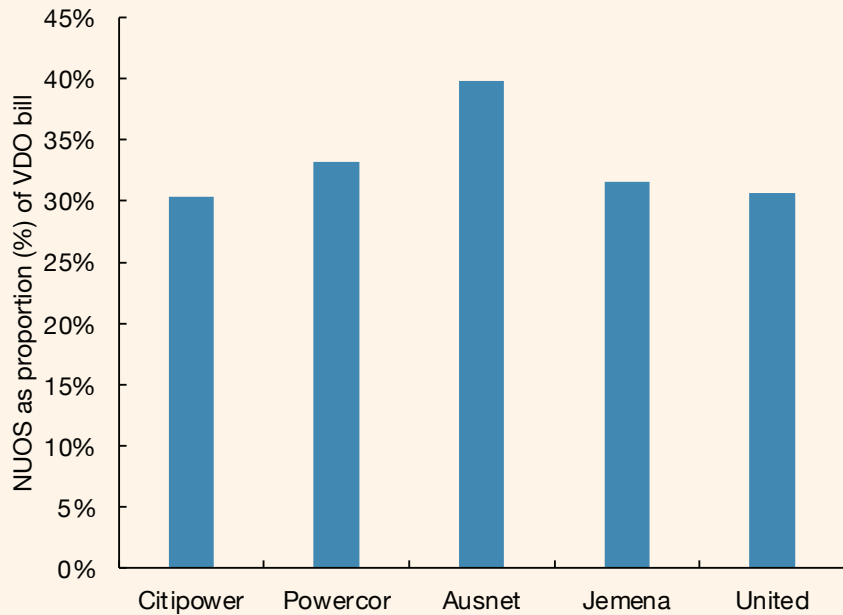


Chart 42 below looks at NUOS charges as a proportion of total bill. It is based on the VDO as of July 2022 and it shows that the NUOS proportion of electricity bills is greatest in the Ausnet network (40%) and lowest in Citipower (30%).

73. Note that NUOS charges do not include smart metering costs.

74. The annual NUOS charges have been calculated by allocating 1,200kWh per quarter (again based on annual consumption of 4,800kWh) to the step charges stipulated in the NUOS. The annual NUOS cost also includes fixed charges. Note that as United Energy’s NUOS charge has been a seasonal tariff over the last four years, the United Energy consumption used in these calculations is thus based on a proportional allocation of a 5 month summer tariff and a 7 month non-summer (off-peak) rate. The Jurisdictional Scheme Amounts (JSA) charge has not been included in United Energy’s fixed supply charge.

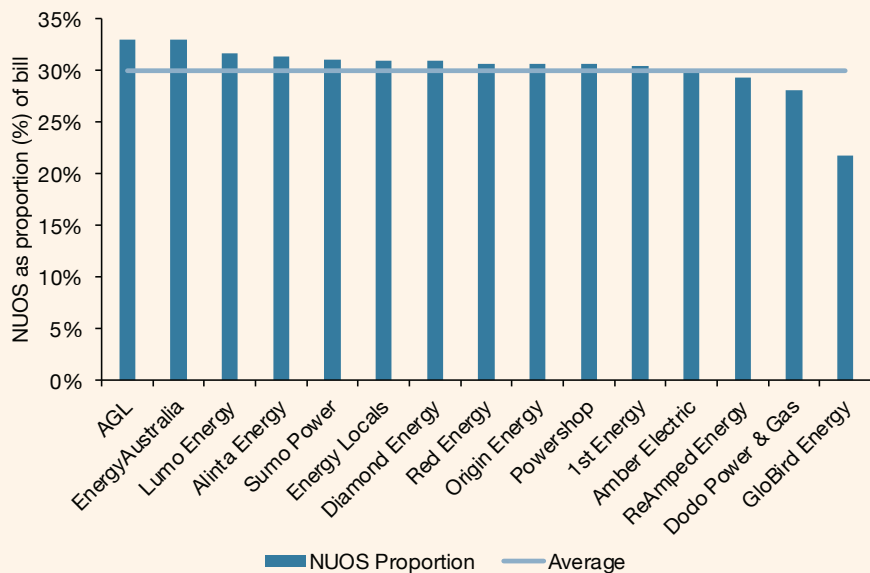
CHART 42 | NUOS charges (excl GST) as proportion (%) of annual VDO electricity retail bill (incl. GST) as of July 2022, 4,800kWh per annum, single rate⁷⁵



For market offers, the NUOS proportion varies significantly between retailers. On average (across all retailers’ market offers), the NUOS proportion of the total bill is 41% in Ausnet, 33% in Powercor, 32% in Jemena, 31% in United Energy and 30% Citipower.⁷⁶ That is similar proportions to the VDO.

Charts 43 – 47 below show the NUOS proportion of bills for market offers post July 2022 in each of the five network areas.⁷⁷ It shows that bills by GloBird have the lowest NUOS proportion in all five networks areas while AGL’s bills have the highest NUOS proportion in four network areas.

CHART 43 | Citipower network - NUOS charges (excl GST) as proportion (%) of annual retail bill (incl. GST) for electricity market offers (including guaranteed and pay on time discounts) post July 2022, 4,800kWh per annum, single rate



75. The Jurisdictional Scheme Amounts (JSA) charge has not been included in United Energy’s fixed supply charge.

76. Based on market offers inclusive of guaranteed and pay on time discounts, annual consumption of 4,800 kWh on the single rate tariff.

77. MISSING FOOTNOTE TEXT

CHART 44 | Powercor network - NUOS charges (excl GST) as proportion (%) of annual retail bill (incl. GST) for electricity market offers (including guaranteed and pay on time discounts) post July 2022, 4,800kWh per annum, single rate

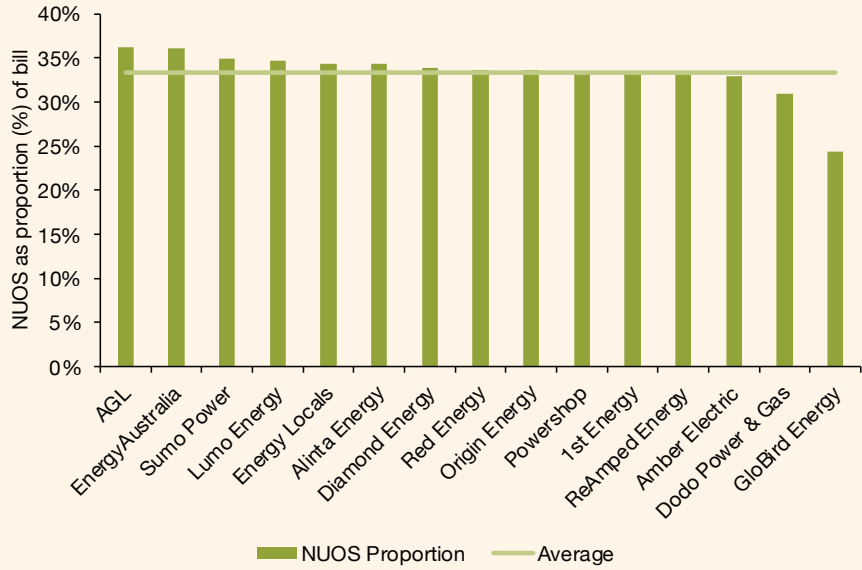


CHART 45 | Ausnet network - NUOS charges (excl GST) as proportion (%) of annual retail bill (incl. GST) for electricity market offers (including guaranteed and pay on time discounts) post July 2022, 4,800kWh per annum, single rate

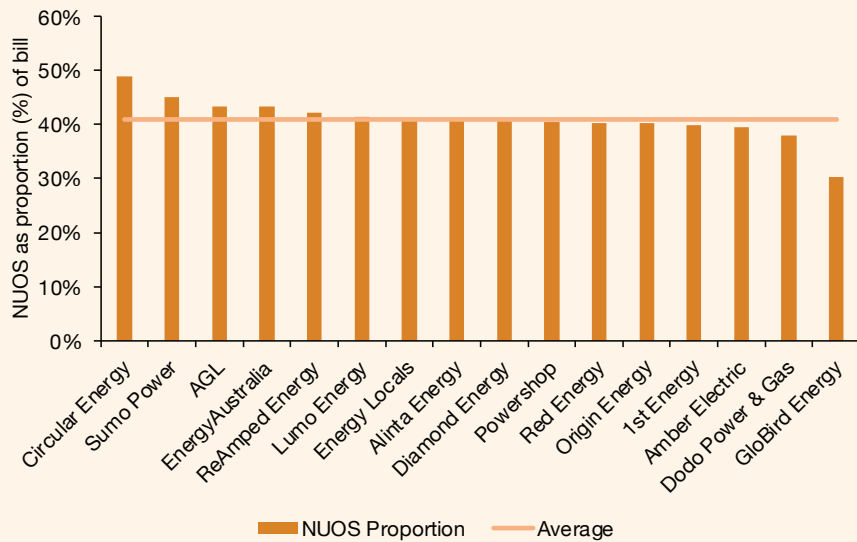


CHART 46 | Jemena network - NUOS charges (excl GST) as proportion (%) of annual retail bill (incl. GST) for electricity market offers (including guaranteed and pay on time discounts) post July 2022, 4,800kWh per annum, single rate

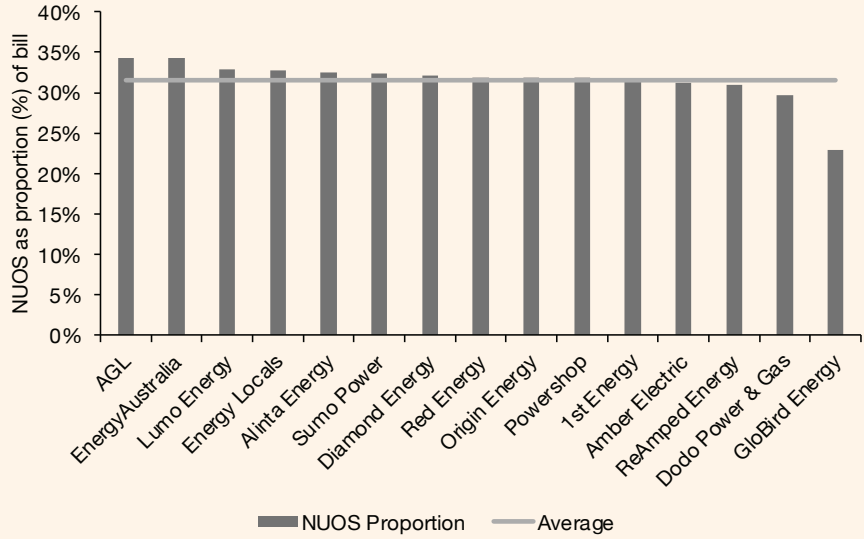
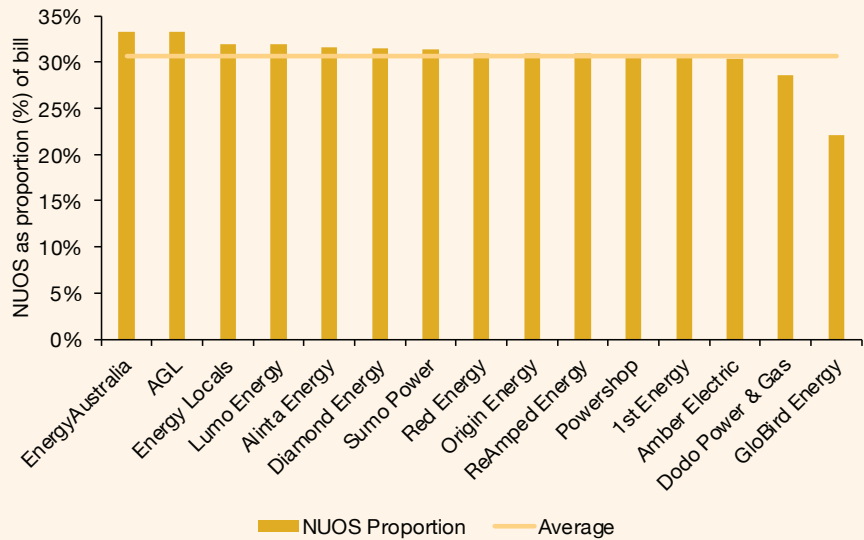
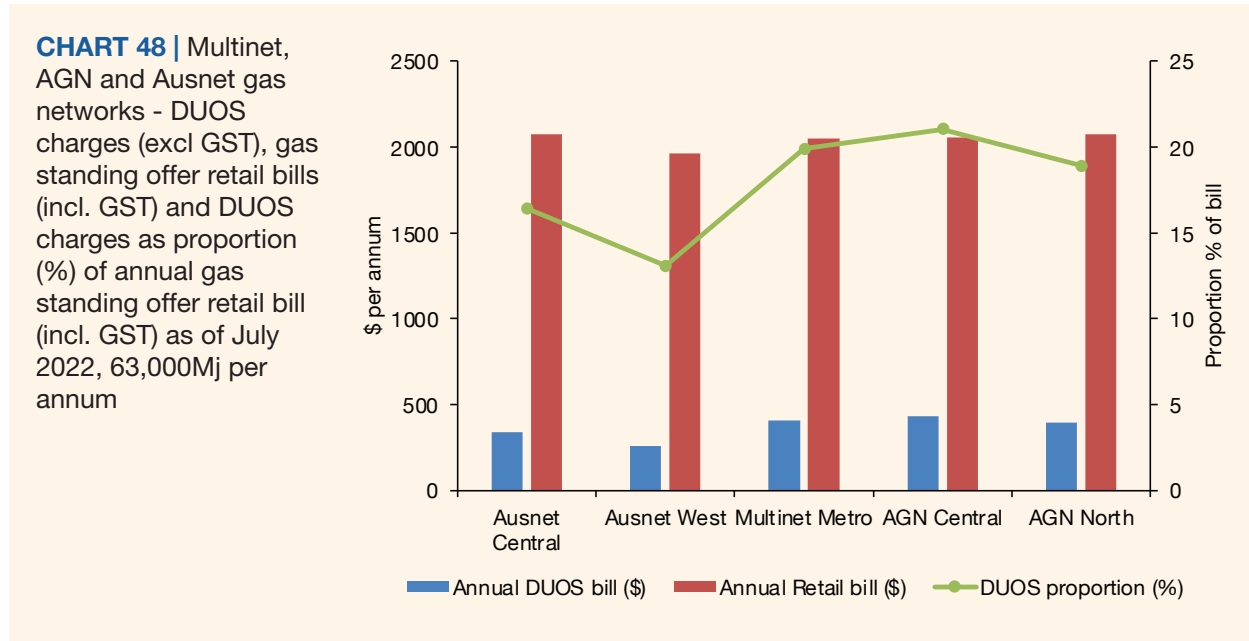


CHART 47 | United Energy network - NUOS charges (excl GST) as proportion (%) of annual retail bill (incl. GST) for electricity market offers (including guaranteed and pay on time discounts) post July 2022, 4,800kWh per annum, single rate

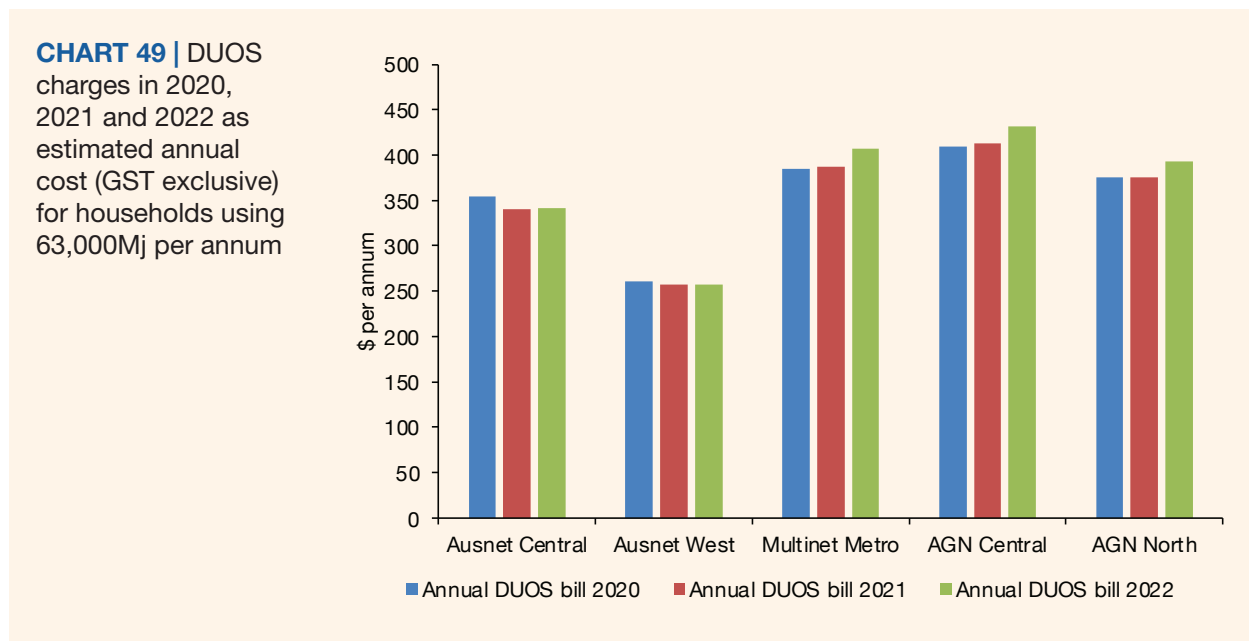


3.2 Gas network charges

The Victorian gas distributors (AGN, Ausnet and Multinet) introduce new Distribution Use of System (DUOS) charges as of 1 January every year. A more recent addition to the Tariff-Tracking project has been to analyse changes to gas DUOS charges. The current DUOS charge for households using 63,000Mj is between \$255 and \$430 per annum. It is lowest in the Ausnet West gas zone and highest in the AGN Central gas zone. The DUOS proportion of gas retail bills is currently between 13 and 21%.⁷⁸



In January 2022, gas DUOS charges increased by around 5% in the Multinet and the AGN pricing zones while they remained unchanged in the Ausnet pricing zones. Chart 49 below shows annual DUOS costs for each pricing zone in January 2020, 2021 and 2022.



78. Based on the incumbent retailers' (AGL, Energy Australia and Origin) average gas standing offer as of July 2022. Presented as annual bills for households using 63,000Mj per annum

4. Total cost of energy and price changes by area

As approximately 60% of Victorian households are connected to both electricity and gas, it is important to analyse whether there are areas that have experienced high increases in both electricity and gas prices, and conversely, whether there are areas where the increases in electricity and gas prices are at the lower end. Such analysis allows for a more detailed understanding of the total energy costs faced by households across Victoria.⁷⁹ The analysis presented in this section shows that the total energy costs (based on the average electricity and gas market offers) have increased the most for households in the Eastern and South Eastern suburbs.⁸⁰ Dual fuel customers in the CBD, inner city and North Eastern suburbs, on the other hand, have had the lowest increase to their combined energy costs.⁸¹

TABLE 4 | Electricity price changes (average) by area from January 2022 to July 2022

Area	Annual bill change since January 2022		Percentage change	
Inner city and Eastern suburbs (Citipower)	\$180		14%	
Outer Western suburbs and Western Victoria (Powercor)	\$215	\$285*	16%	17%*
Outer Northern and Eastern suburbs and Eastern Victoria (SP Ausnet)	\$285	\$205*	18%	19%*
Inner West and Northern suburbs (Jemena)	\$205		15%	
Outer South Eastern suburbs and Mornington Peninsula (United Energy)	\$215		16%	

* For all-electric households with peak/off-peak (controlled load) rates

TABLE 5 | Gas market offer price changes (average) by area from January 2022 to July 2022

Area	Annual bill change since January 2022	Percentage change
Eastern and South Eastern suburbs (Multinet 1/Origin Metro zone)	\$235	16%
Bayside and outer South Eastern suburbs (Multinet 2/AGL South zone)	\$235	15%
Northern and North Eastern Victoria (AGN North/Origin North zone)	\$230	15%
CBD, inner city and North Eastern suburbs (AGN Central 2/TRU East zone)	\$230	15%
Frankston, Mornington Peninsula and Gippsland (AGN Central 1/Origin South East zone)	\$230	15%
Macedon Ranges, Bendigo, Ballarat and Western Victoria (Ausnet West/TRU West zone)	\$255	18%
Western and North Western suburbs (Ausnet Central 2/AGL North zone)	\$255	17%
Outer Western suburbs, Geelong and Bellarine Peninsula (Ausnet Central 1/TRU Central zone)	\$255	17%

79. The figures in tables 4 - 7 are based on the average electricity and gas market offer including guaranteed and pay on time discounts. The average market offer is based on all retailers that had offers in January 2022 and all retailers that had offers in July 2022. Note that this differs to the analysis presented in section 2 which compares price changes for retailers that had market offers in January 2022 as well as July 2022 only. The annual consumption used for dual fuel households is 4800kWh and 63,000Mj per annum, and for all-electric households it is 7000kWh (thereof 30% off-peak).

80. Ausnet's electricity distribution network and the Multinet 1/Origin Metro gas zone.

81. Citipower's electricity distribution network and the AGN Central 2/TRU East gas zone.

TABLE 6 | Annual electricity bill by area. Based on the average market offer, July 2022

Area	Annual bill	
Inner city and Eastern suburbs (Citipower)	\$1,485	
Outer Western suburbs and Western Victoria (Powercor)	\$1,605	\$2,010*
Outer Northern and Eastern suburbs and Eastern Victoria (SP Ausnet)	\$1,840	\$2,290*
Inner West and Northern suburbs (Jemena)	\$1,550	
Outer South Eastern suburbs and Mornington Peninsula (United Energy)	\$1,520	

* For all-electric households with peak/off-peak (controlled load) rates

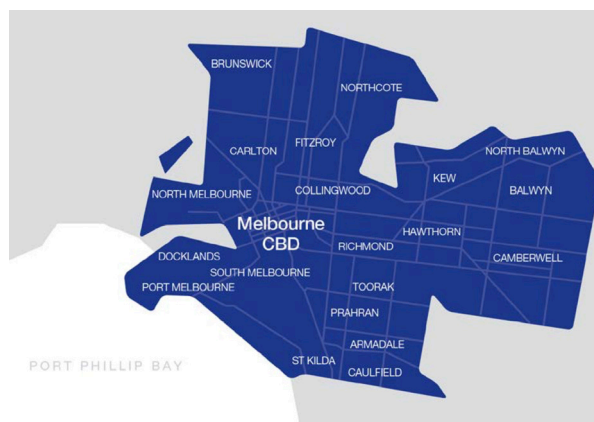
TABLE 7 | Average annual gas bill by area. Based on the average market offer, July 2022

Area	Avg. annual bill
Eastern and South Eastern suburbs (Multinet 1/Origin Metro zone)	\$1,750
Bayside and outer South Eastern suburbs (Multinet 2/AGL South zone)	\$1,750
Northern and North Eastern Victoria (AGN North/Origin North zone)	\$1,770
CBD, inner city and North Eastern suburbs (AGN Central 2/TRU East zone)	\$1,775
Frankston, Mornington Peninsula and Gippsland (AGN Central 1/Origin South East zone)	\$1,775
Macedon Ranges, Bendigo, Ballarat and Western Victoria (Ausnet West/TRU West zone)	\$1,700
Western and North Western suburbs (Ausnet Central 2/AGL North zone)	\$1,760
Outer Western suburbs, Geelong and Bellarine Peninsula (Ausnet Central 1/TRU Central zone)	\$1,760

4.1 Inner city, inner North and Eastern suburbs

Dual fuel customers in Melbourne (CBD), Brunswick, Carlton, Fitzroy, Northcote, Richmond and Collingwood have the highest average annual combined energy bills in this area, at approximately \$3,260.

In this area, the average market offer has increased electricity bills by \$180 for customers with an annual consumption of 4,800 kWh. Households in the AGN Central 2 gas zone (CBD and inner North) have experienced an increase in gas prices of approximately \$230 over the same period.



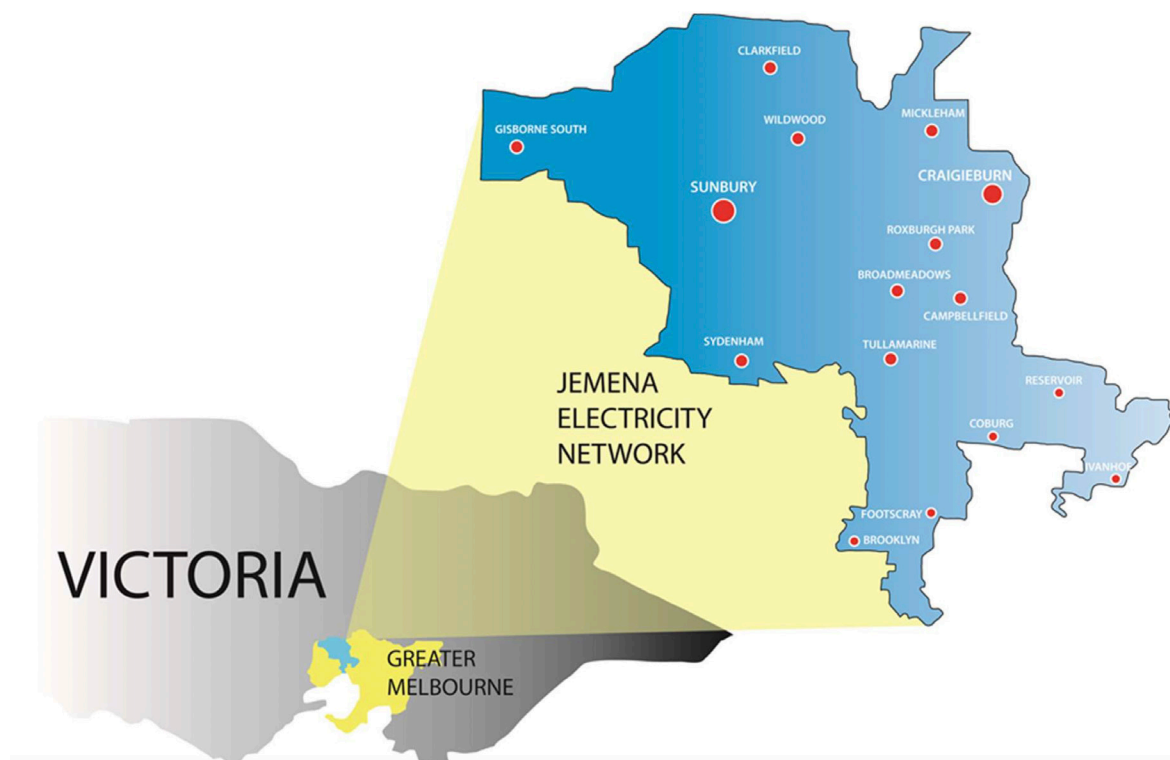
- ▲ Households with an average consumption of electricity and gas in Melbourne (CBD), Brunswick, Carlton, Fitzroy, Northcote, Richmond and Collingwood will typically receive an increase in *energy costs* of \$410 compared to last year.⁸²
- ▲ Households with an average consumption of electricity and gas in the inner Eastern suburbs of Kew, Hawthorn, Camberwell and Balwyn, and the inner South East areas of South Yarra, Prahran, Armadale, Toorak and Caulfield, will typically receive an increase in *energy costs* of \$415 compared to last year.⁸³
- ▲ Households with an average consumption of electricity and gas in the inner city bay side suburbs of St Kilda, Port Melbourne, Albert Park and South Melbourne will typically receive an increase in *energy costs* of \$415 compared to last year.⁸⁴

82. Citipower's electricity distribution network and the AGN Central 2/TRU East gas zone.

83. Citipower's electricity distribution network and the Multinet 1/Origin Metro gas zone.

84. Citipower's electricity distribution network and the Multinet 2/AGL South gas zone.

4.2 Inner West and North Western Suburbs



Dual fuel customers in the suburbs of Footscray, Yarraville, Williamstown, Flemington, Moonee Ponds, Broadmeadows, Coolaroo, Braybrook and Sydenham have the highest average annual combined energy bills in this area, at \$3,320.

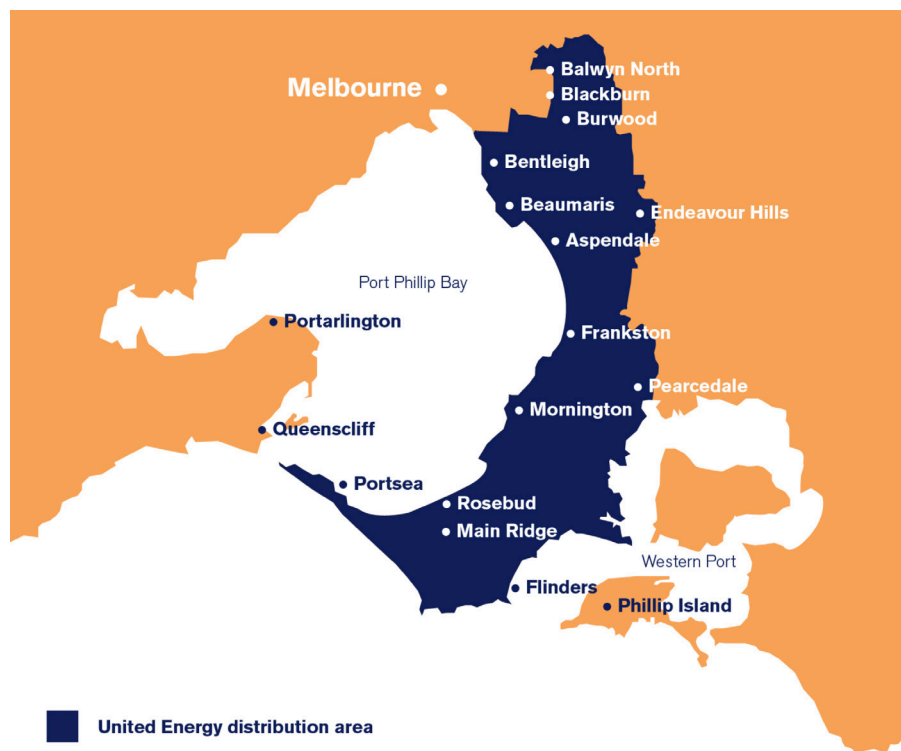
In this area, the average market offer has increased electricity bills by \$205 for customers with an annual consumption of 4,800 kWh. Households in the Ausnet Central 2 (Western and North Western suburbs) have experienced an increase in gas prices of approximately \$255 over the same period.

- ▲ Households with an average consumption of electricity and gas in Footscray, Yarraville, Williamstown, Flemington, Moonee Ponds, Broadmeadows, Coolaroo, Braybrook and Sydenham will typically receive an increase in *energy costs* of \$460 compared to last year.⁸⁵
- ▲ Households with an average consumption of electricity and gas in Heidelberg, Fairfield, Ivanhoe, Bundoora, Thomastown, Preston, Reservoir will typically receive an increase in *energy costs* of \$435 compared to last year.⁸⁶

85. Jemena's electricity distribution network and the Ausnet Central 2/AGL North gas zone.

86. Jemena's electricity distribution network and the AGN Central 2/TRU East gas zone.

4.3 South Eastern suburbs and Mornington Peninsula



Dual fuel customers in the suburbs of Seaford and Frankston and on the Mornington Peninsula have the highest average annual combined energy bills in this area, at approximately \$3,295.

In this area, the average electricity market offer has increased by \$215 for customers with an annual consumption of 4,800 kWh. Households in the AGN Central 1 gas zone have experienced an increase in gas prices of close to \$230 over the same period.

- ▲ Households with an average consumption of electricity and gas in the bayside suburbs of Elwood, Elsternwick, Brighton, Sandringham, Beaumaris, Chelsea and South Eastern Suburbs of Bentleigh, Moorabbin, Springvale, Noble Park, Keysborough will typically receive an increase in *energy costs* of \$450 compared to last year.⁸⁷
- ▲ Households with an average consumption of electricity and gas in the suburbs of Seaford and Frankston and on the Mornington Peninsula will typically receive an increase in *energy costs* of \$445 compared to last year.⁸⁸
- ▲ Households with an average consumption of electricity and gas in the Eastern suburbs of Bulleen, Templestowe, Box Hill, Doncaster, Mitcham, Vermont, Glen Waverly and Chadstone will typically receive an increase in *energy costs* of \$450 compared to last year.⁸⁹

87. United Energy's electricity distribution network and the Multinet 2/AGL South gas zone.

88. United Energy's electricity distribution network and the AGN Central 1/Origin South East gas zone.

89. United Energy's electricity distribution network and the Multinet 1/Origin Metro gas zone.

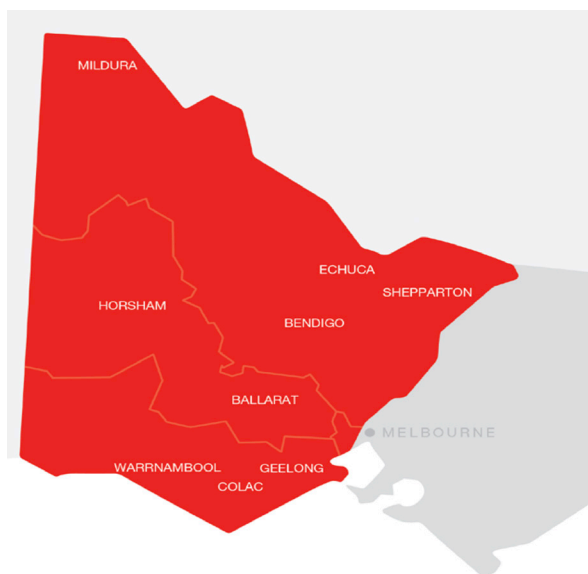
4.4 Outer Western suburbs and Western Victoria

Dual fuel customers in Northern Victorian towns such as Echuca, Shepparton and Heathcote have the highest average annual combined energy bills in this area, at approximately \$3,375. For all-electric households, the average annual energy bill is of \$2,010.

For all-electric households in this area, the average electricity market offer has increased by \$285 for customers with an annual consumption of 7,000 kWh.⁹⁰ For dual fuel households the electricity bills have increased by approximately \$215 over the last year (based on average consumption of 4800kWh).

For average consumption dual fuel households, the total *energy cost* increase is:

- ▲ \$475 in Hoppers Crossing, Werribee, Geelong region and on the Bellarine peninsula.⁹¹
- ▲ \$470 in Macedon, Kyneton, Ballarat, Colac, Warrnambool, Portland, Hamilton, Horsham, Ararat and Daylesford.⁹²
- ▲ \$445 in Northern Victorian towns such as Echuca, Shepparton and Heathcote.⁹³



90. Based on the average electricity standing offer for households taking controlled load off-peak (annual consumption of 7000 kWh, 70% peak and 30% off-peak).

91. Powercor's electricity distribution network and Ausnet Central 1/TRU Central gas zone.

92. Powercor's electricity distribution network and the Ausnet West/TRU West gas zone.

93. Powercor's electricity distribution network and the AGN North/Origin North gas zone.

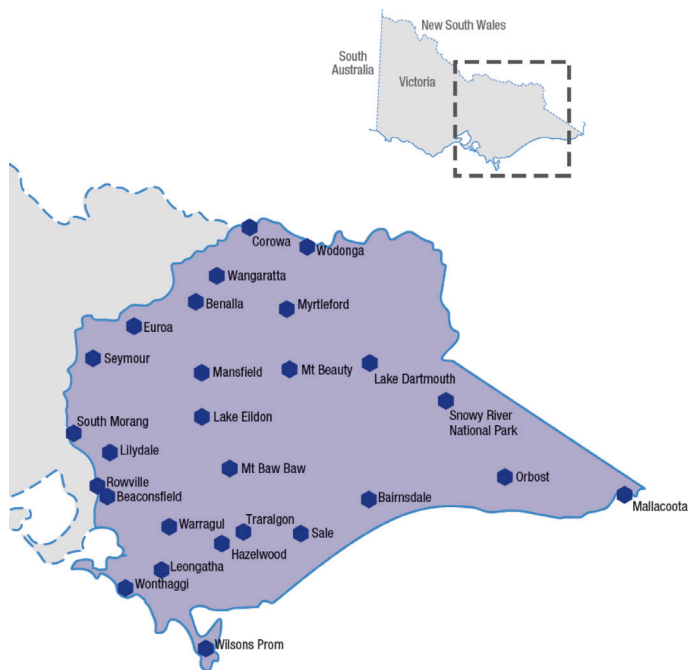
4.5 Outer Northern and Eastern suburbs and Eastern Victoria

Dual fuel customers in the La Trobe Valley and Sale in the Gippsland region have the highest average annual combined energy bills in this area, at approximately \$3,615, the highest of all Victoria. For all-electric households, the average annual energy bill is of \$2,290.

For all-electric households in this area, the average electricity market offer has increased by \$360 for customers with an annual consumption of 7,000 kWh.⁹⁴ For dual fuel households the electricity bills have increased by approximately \$285 over the last year (based on average consumption of 4800kWh).

Total *energy cost* increases for dual fuel households in the Eastern Victoria will typically amount to:

- ▲ \$520 for average consumption households in the Outer Northern and Eastern suburbs of Warrandyte, Ringwood, Chirnside Park and the area around Mount Dandenong.⁹⁵
- ▲ \$515 for average consumption households in Kilmore, Seymour, Violet Town, Nagambie, Wangaratta, Chiltern and Wodonga.⁹⁶
- ▲ \$515 for average consumption households in the La Trobe Valley and Sale in the Gippsland region.⁹⁷



94. Based on the average electricity standing offer for households taking controlled load off-peak (annual consumption of 7000 kWh, 70% peak and 30% off-peak).

95. Ausnet's electricity distribution network and the Multinet 1/Origin Metro gas zone.

96. Ausnet's electricity distribution network and the AGN North/ Origin North gas zone.

97. Ausnet's electricity distribution network and the AGN Central 1/Origin South East gas zone.