

May 2022

Statement of reasons: SA Power Networks' Annual Pricing Proposal

The AER approves SA Power Networks' 2022–23 pricing proposal and the tariffs contained within for commencement on 1 July 2022. SA Power Networks' approved tariffs are set out on [our website](#).

Estimated network cost movements

We estimate that, based on our decision, the network component of the typical bill for SA Power Networks' customers to be \$10.02 higher for households and \$24.24 higher for small businesses in 2022–23 compared to 2021–22.

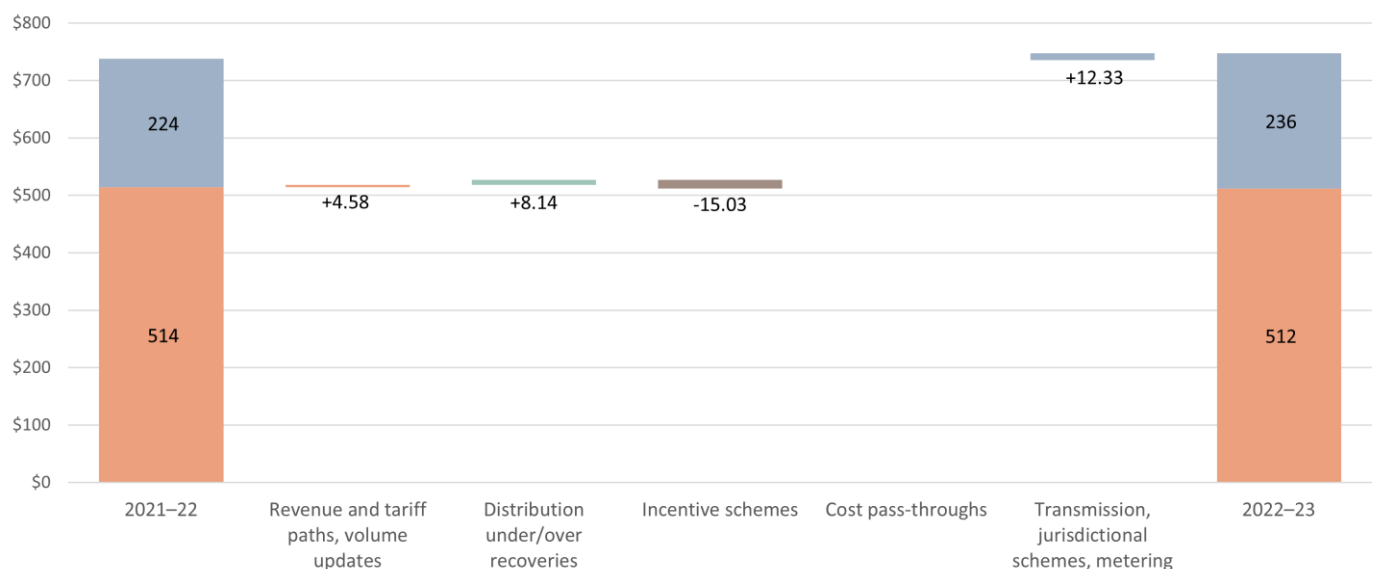
The network cost movements reflect an increase in revenue that SA Power Networks is allowed to recover in 2022–23 which is partly offset by a forecast increase in consumption.

The increase in revenue is due to increasing transmission costs to be passed through to customers, the recovery of previously under-recovered revenues, and higher than forecast inflation. This is partly offset by a reduction in reward payments under incentive schemes.

We provide more detailed information on SA Power Networks' consumption forecasts below.

We note electricity retailers ultimately determine how these underlying network tariffs are reflected in the retail prices offered to customers. The network charge component of an energy bill accounts for approximately 43% of the total residential retail bill.

Figure 1 Residential: Average annual network charge



Source: AER Analysis; SA Power Networks' 2022–23 pricing proposal.

Note: Our analysis assumes electricity usage of 3,971kWh for the 'Residential Single Rate' tariff. This is based on actual data for residential electricity usage and customer numbers reported in SA Power Networks' 2022–23 pricing proposal. 'Revenue and tariff paths, volume updates' includes all other movements in the distribution network charges not shown above. 'Transmission, jurisdictional schemes, metering' includes all movements in the non-distribution network charges.

Figure 2 Small business: Average annual network charge



Source: AER Analysis; SA Power Networks' 2022-23 pricing proposal.

Note: Our analysis assumes electricity usage of 6,836kWh for the 'Business Single Rate' tariff. This is based on actual data for small business electricity usage and customer numbers reported in SA Power Networks' 2022-23 pricing proposal.

'Revenue and tariff paths, volume updates' includes all other movements in the distribution network charges not shown above.

'Transmission, jurisdictional schemes, metering' includes all movements in the non-distribution network charges.

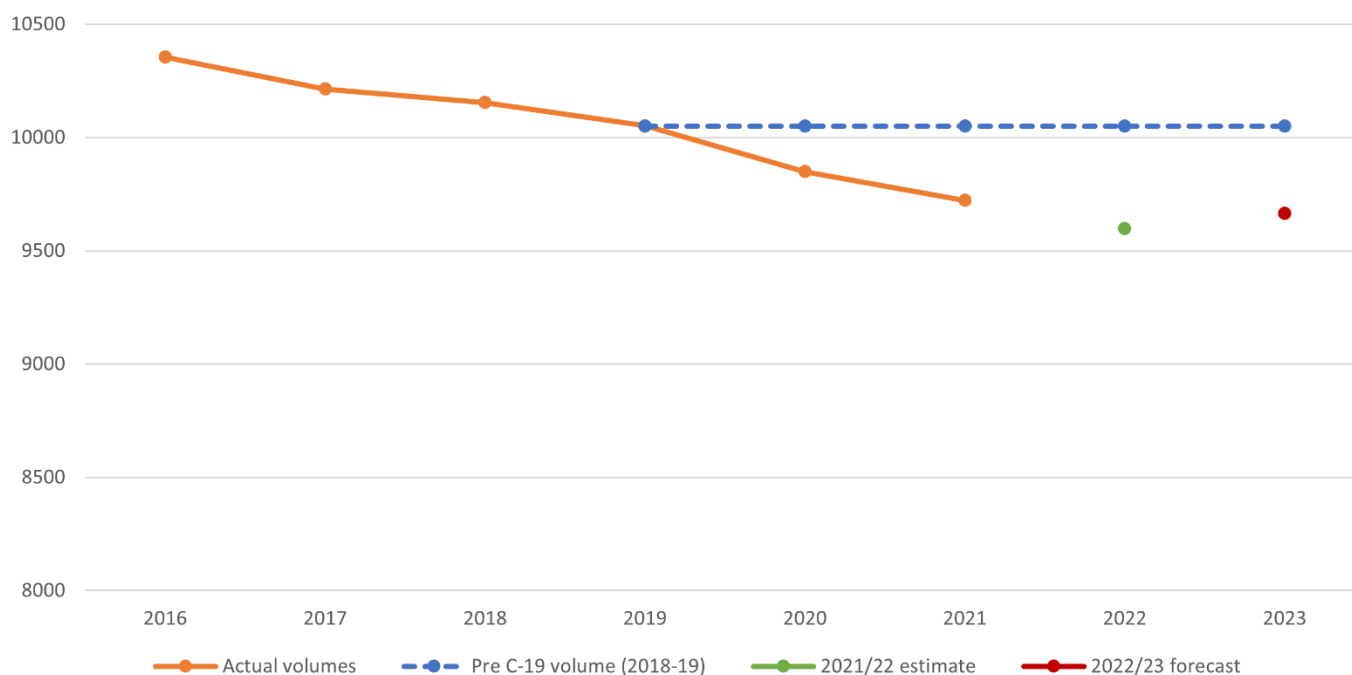
Actual bill impacts for individual customers will vary from our estimates as customers may be on different tariffs or consume different amounts of energy from our assumptions. Our analysis is based on flat rate tariffs, which are the most common tariffs for residential and small business customers. Where overall price movements are small, some tariffs may increase while others decrease.

Consumption forecasts

Electricity distributors operate under a revenue cap which sets the annual allowed revenue they can recover to deliver safe and reliable electricity within their networks. Prices are determined based on forecast consumption for that year, allowing distributors to recover their allowed revenue. If distributors forecast lower consumption, then other things being equal, prices are expected to be higher to allow them to recover the revenue allowed.

Our assessment of the distributors' consumption forecasts includes analysis of historical consumption trends and the reasons put forward for any departure from them. For 2022-23, a key factor of our assessment is the impact that Australia's response to COVID-19 has had and is continuing to have on energy consumption.

Figure 3 Energy volumes (GWh)



Source: AER Analysis; RIN data; SA Power Networks' 2022–23 pricing proposal.

SA Power Networks has forecast increased energy consumption for 2022–23. The forecast is based on the 2021–22 volumes estimate which accounts for 'covid normal' usage patterns and the effects of voltage management on consumption.

We consider SA Power Networks' consumption forecasts are reasonable based on our analysis and the supporting information provided by SA Power Networks.

Under/over recovered revenues

Although we set the revenues the distributors can recover, the revenue they ultimately receive over an individual year is determined by the amount of actual energy consumed in that year.

- Actual energy consumption can fluctuate from forecast consumption because of a number of factors such as weather, increased uptake of solar PV, or, in recent times, in response to a pandemic. These fluctuations in energy consumption result in distributors recovering more or less than the allowable revenue we set.
- Variations also occur for the transmission costs and jurisdictional scheme amounts a distributor passes through to customers where actual payments differ to what was forecast.

To 'true-up' these variations in revenue, adjustments are made to allowable revenues for the upcoming financial year to ensure that over time, a distributor only recovers the revenue it is allowed.