



Trial Tariffs 2024-25



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The total cumulative revenue of all sub-threshold tariffs is \$3.05 million, equivalent to 0.342% Forecast AAR and 0.321% Forecast TAR for the 2024-25 regulatory year.

SA Power Networks confirms that this document contains no commercial or private information, and we provide permission for the AER to publish this notification on the AER website.

Residential Electrify

Trial Tariff

Objectives of trial

As our society works towards a decarbonised future, SA Power Networks expects to see the continued electrification of residential households. It is imperative that through this transition we establish customer behaviour that encourages maximum utilisation of the existing distribution network.

Residential Electrify is designed for customers who predominantly or solely meet their energy needs through electricity, but have sufficient flexibility in their appliances, e.g. electric vehicles (EV), heat pumps, energy storage etc, to optimise their usage outside peak demand periods. These customers are expected to have an above average energy consumption, so the tariff is structured to provide more opportunities throughout the day to access lower cost electricity outside of distribution network peak periods.

The trial will provide insight into customer behaviour to shift electricity consumption outside of peak distribution network times to access cheaper distribution network pricing.

The structure of this trial tariff remains the same in 2024-25 and is the structure that has been proposed in our Tariff Structure Statement for 2025-30.

Retailer engagement

SA Power Networks has consulted with a number of retailers of varying market share. This consultation has led to Electrify in its current form.

Consumer engagement

SA Power Networks has consulted with a number of key external stakeholders in the development of Electrify. This consultation has led to Electrify in its current form.

External stakeholders comprise of the SA Power Networks' Reset Tariff Working Group which include representatives from the Electric Vehicle Council, SA Government, solar industry, and business and social service advocates.

Expected consumer and/or retailer response

Through its price signals and structure, Residential Electrify aims to encourage customers to manage their electricity consumption at peak times, when the distribution network is under its greatest constraint. The tariff also creates large windows of time where flexible usage can be accessed, e.g. storage of energy in a battery, charging an EV, heating/cooling a home or hot water. This tariff may also reward those homes with efficient insulation that enables lower peak energy usage for heating and cooling.

Proposed tariff (structure and pricing)

Local time (ACST/ACDT)	
Peak:	5pm – 9pm
Shoulder:	All other times
Solar Sponge:	10am – 4pm

	Indicative only at 2024-25 NUoS prices	Price vs Residential Single Rate
Supply – \$/Day	\$0.5753	
Peak – \$/kWh	\$0.3540	220%
Shoulder – \$/kWh	\$0.1046	65%
Solar Sponge – \$/kWh	\$0.0322	20%

Forecast revenue	\$0.36 million, equivalent to 0.040% AAR for the upcoming regulatory year.
Trial start date	1 July 2023
Duration of trial	1 July 2023 to 30 June 2025
Forecast volumes	750 Customers
Location of trial	Available to any residential customer in South Australia with an interval meter

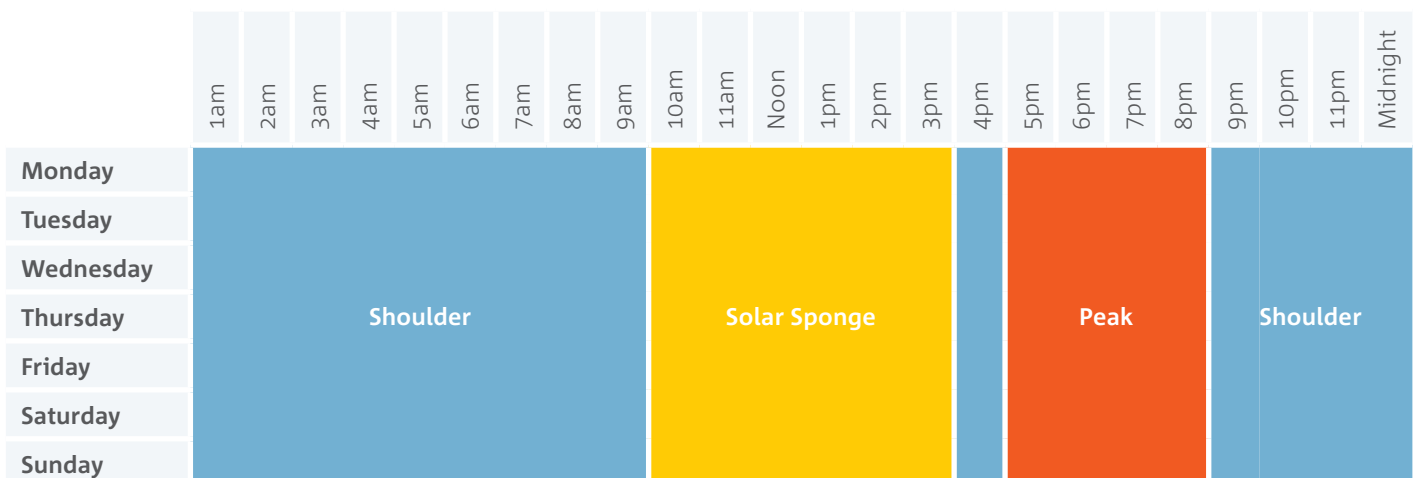
Links to Tariff Structure Statement (TSS) strategy

The trial tariff structure proposed in 2024-25 has also been proposed in our 2025-30 TSS. We see electrification as an emerging issue in 2025-30 and consider this tariff structure as a key component of enabling electrification.

Potential changes and triggers

This trial tariff will cease on 30 June 2025 and it is proposed that it will become a part of our tariff structures in 2025-30.

Energy usage: All year



Residential Electrify Two Way

Trial Tariff

Objectives of trial

As our society works towards a decarbonised future, SA Power Networks expects to see the continued electrification of residential households. It is imperative that through this transition we establish customer behaviour that encourages maximum utilisation of the existing distribution network.

Residential Electrify Two Way is designed for customers who predominantly or solely meet their energy needs through electricity, but have sufficient flexibility in their appliances, e.g. electric vehicles (EV), heat pumps, energy storage etc, to optimise their usage outside peak demand periods. These customers are expected to have an above average energy consumption, so the tariff is structured to provide more opportunities throughout the day to access lower cost electricity outside of distribution network peak periods.

In addition to a consumption charge, this trial tariff also has export charge and credit components, making it a two way tariff for those customers who have customer energy resources, such as solar PV and batteries. The pricing signals and structure are designed to encourage self consumption rather than export during the Solar Sponge window of 10am – 4pm. In the summer peak of November to March, 5pm – 9pm, customers are encouraged to export into the distribution network to access a credit.

The trial will provide insight into customer behaviour to shift electricity consumption outside of peak distribution network times to access cheaper distribution network pricing. It will also identify any administrative issues in the billing process for SA Power Networks and retailers.

The structure of this trial tariff remains the same in 2024-25 and is the structure that has been proposed in our Tariff Structure Statement for 2025-30.

Retailer engagement

SA Power Networks has consulted with a number of retailers of varying market share. This consultation has led to Residential Electrify Two Way in its current form.

Consumer engagement

SA Power Networks has consulted with a number of key external stakeholders in the development of Residential Electrify Two Way. This consultation has led to Residential Electrify Two Way in its current form.

External stakeholders comprise of the SA Power Networks' Reset Tariff Working Group which include representatives from the Electric Vehicle Council, SA Government, solar industry, and business and social service advocates.

Expected consumer and/or retailer response

Through its price signals and structure, Residential Electrify Two Way aims to encourage residential customers to manage their electricity consumption and export at peak times, when the distribution network is under its greatest constraint. The tariff also creates large windows of time where flexible usage can be accessed, e.g. storage of energy in a battery, charging an EV, heating a home or hot water. This tariff may also reward those homes with efficient insulation that enables lower peak energy usage for heating and cooling.

Proposed tariff (structure and pricing)

Local time (ACST/ACDT)	
Peak (consumption):	5pm – 9pm
Shoulder:	All other times
Solar Sponge:	10am – 4pm
Peak (Export):	5pm – 9pm Nov - Mar

	Indicative only at 2024-25 NUoS prices	Price vs Residential Single Rate
Supply – \$/Day	\$0.5753	
Peak (consumption) – \$/kWh	\$0.3540	220%
Shoulder – \$/kWh	\$0.1046	65%
Solar Sponge (consumption) – \$/kWh	\$0.0322	20%
Solar Sponge (export charge) – \$/kWh	\$0.0100	
Peak (export credit) – \$/kWh	(\$0.1339)	

Customers can export up to 9kWh per day between 10am – 4pm free of charge. If exports between 10am – 4pm are less than 9kWh, the remainder of the free allowance rolls over to the next day, within a single billing period. For example, a billing period of 30 days would include 270kWh of free export between 10am – 4pm. Remaining export between 10am – 4pm incurs a charge.

Forecast revenue	\$1.47 million, equivalent to 0.164% AAR for the upcoming regulatory year.
Trial start date	1 July 2023
Duration of trial	1 July 2023 to 30 June 2025
Forecast volumes	4000 Customers
Location of trial	Available to any residential customer in South Australia with an interval meter and distributed energy resources, including solar PV and batteries.

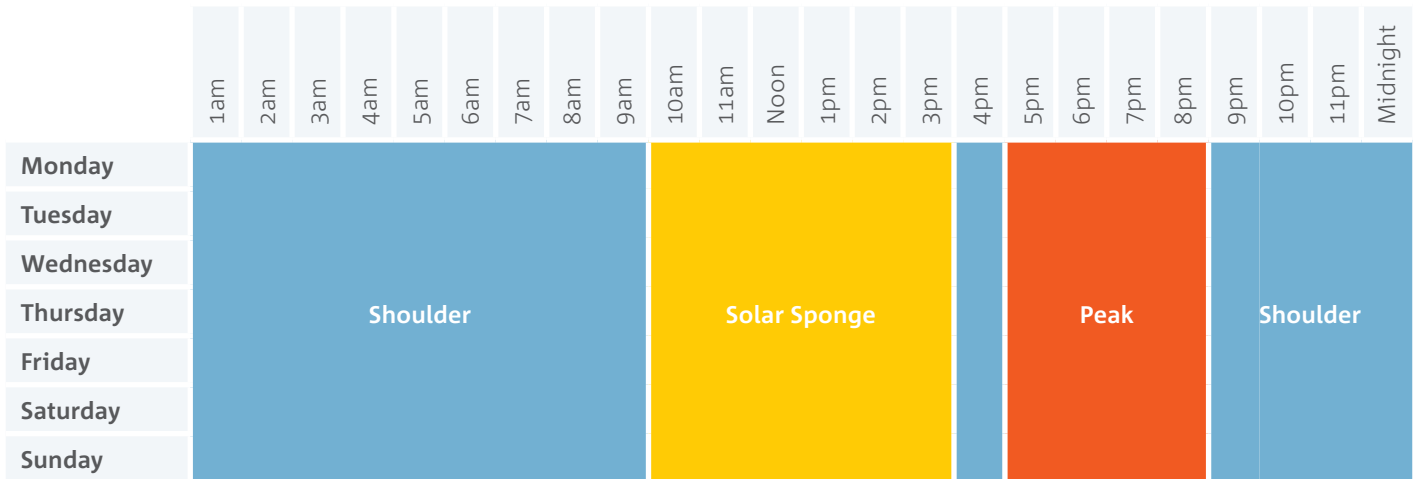
Links to Tariff Structure Statement (TSS) strategy

The trial tariff structure proposed in 2024-25 has also been proposed in our 2025-30 TSS. This trial tariff enables us to learn and ensure successful implementation if approved for the TSS in 2025-30 as this is the first time two way pricing will be included.

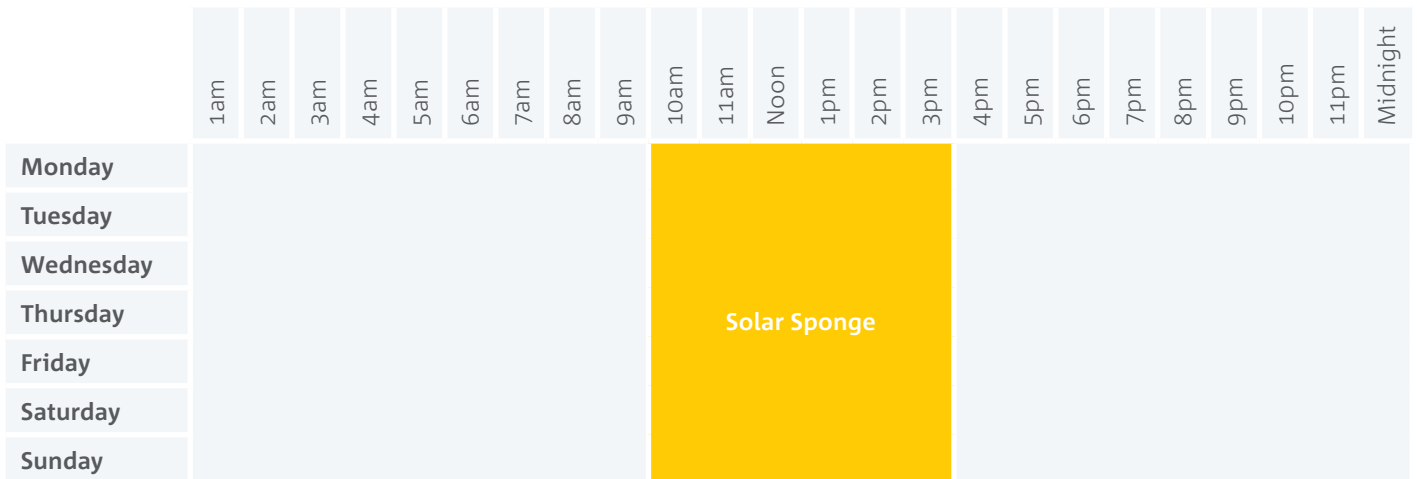
Potential changes and triggers

This trial tariff will cease on 30 June 2025 and it is proposed that it will become a part of our tariff structures in 2025-30.

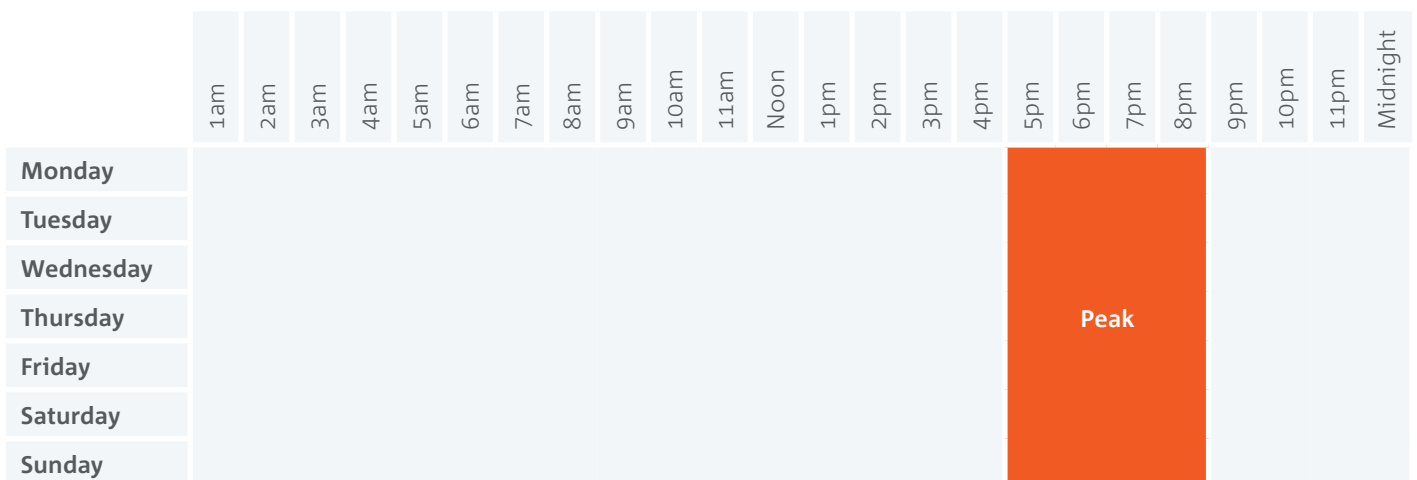
Energy usage: All year



Export charge: All year



Export credit: November to March



Small Business Electrify

Trial Tariff

Objectives of trial

The trial tariff Small Business Electrify is designed for customers who have sufficient flexibility to concentrate their electricity consumption to the middle of the day and/or off peak times overnight and on weekends to utilise the abundance of solar energy during the day.

The trial will provide insight into customer behaviour and their ability to shift electricity consumption outside of peak distribution network times to access cheaper distribution network pricing.

The structure of this trial tariff remains the same in 2024-25 and is the structure that has been proposed in our Tariff Structure Statement for 2025-30.

Retailer engagement

SA Power Networks has consulted with a number of retailers of varying market share. This consultation has led to Small Business Electrify in its current form.

Consumer engagement

SA Power Networks developed this trial tariff as a direct result of consumer feedback via the SA Power Networks' Reset Tariff Working Group which includes representatives from the Electric Vehicle Council, SA Government, solar industry, and business and social service advocates.

Expected consumer and/or retailer response

Through its price signals and structure, Small Business Electrify aims to encourage small business customers to avoid peak times when the distribution network is under its greatest constraint and shift electricity consumption to the middle of the day and/or off peak times overnight and on weekends to utilise the abundance of solar energy during the day.

The tariff allows those small businesses who are unable to access distributed energy resources, namely solar PV, due to physical barriers such as no suitable rooftop space or they lease their premises, to access cheaper distribution network pricing.

Proposed tariff (structure and pricing)

Local time (ACST/ACDT)		
Peak:	5pm – 9pm All days	
Shoulder:	Shoulder: 7am – 10am and 4pm – 5pm Workdays	
Off Peak:	All other times	
	Indicative only at 2024-25 NUoS prices	Price vs Business Single Rate
Supply – \$/Day	\$0.7259	-
Peak – \$/kWh	\$0.3456	190%
Shoulder – \$/kWh	\$0.1783	98%
Off Peak – \$/kWh	\$0.1019	56%
Forecast revenue	\$0.91 million, equivalent to 0.102% AAR for the upcoming regulatory year.	
Trial start date	1 July 2023	
Duration of trial	1 July 2023 to 30 June 2025	
Forecast volumes	500 Customers	
Location of trial	Available to any small business customer (<160 MWh p.a.) in South Australia with an interval meter.	

Links to Tariff Structure Statement (TSS) strategy

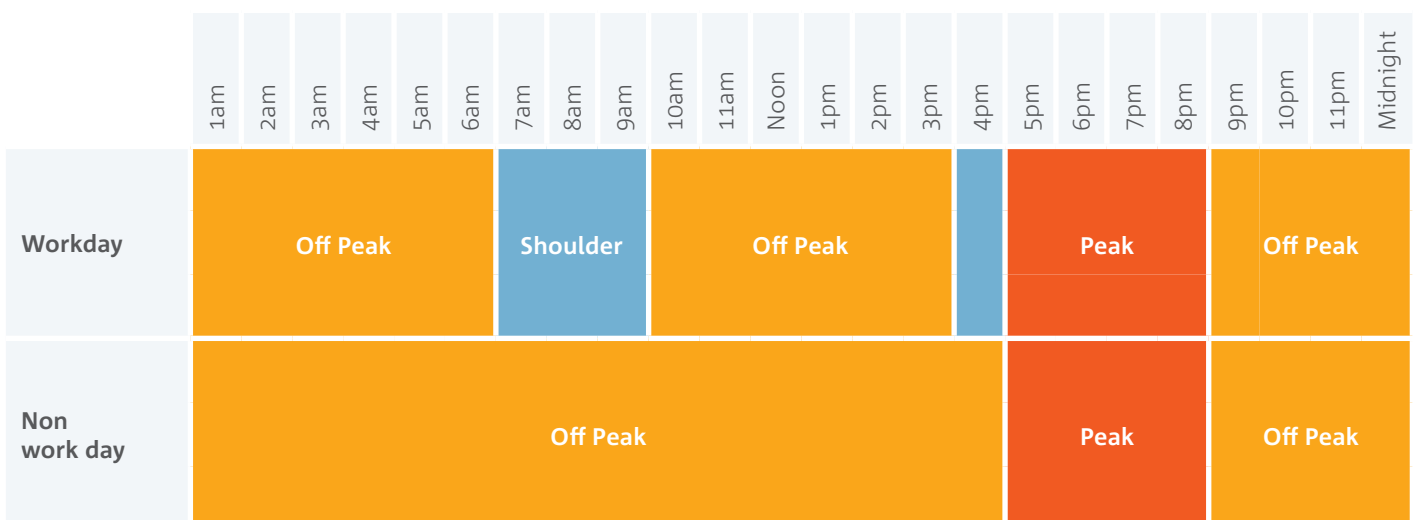
The trial tariff structure proposed in 2024-25 has also been proposed in our 2025-30 TSS.

Incentivising customers to shift load into the middle of the day is an important component in addressing the solar congestion in the low voltage network which will continue to emerge in 2025-30. SA Power Networks is not relying solely on distribution network investment.

Potential changes and triggers

This trial tariff will cease on 30 June 2025 and it is proposed that it will become a part of our tariff structures in 2025-30.

Energy usage: All year



Flexible Demand Large Business

Trial Tariff

Objectives of trial

Rewarding flexible demand on the distribution network increases its utilisation and decreases the need for augmentation.

The proposed trial tariff Flexible Demand Large Business aims to incentivise large businesses who can be flexible with their demand. If demand can be flexible a large business will only pay 50% Anytime Demand tariff price on the flexible demand component.

The trial tariff also redefines the Peak Demand window so that utilisation of the distribution network is encouraged except on extreme heat days when the Peak Demand charge still applies.

The trial will provide insight into customer behaviour and their ability to shift electricity consumption outside of peak distribution network times to access cheaper distribution network pricing.

This trial is a continuation from 2023-24.

Retailer engagement

The trial tariff is only available to large business and as such all network charges are typically directly passed onto the customer by the retailer. Retailers do not need to bundle these charges into a retail offer however SA Power Networks has consulted with a number of retailers of varying market share.

Many of the potential customers using this tariff will be market participants, i.e. they won't use a retailer. SA Power Networks will work in conjunction with the customer and their retailer (if applicable) to ensure the trial tariff is incorporated into the customer's retail bill correctly.

Consumer engagement

SA Power Networks has consulted with a number of key external stakeholders in the development of Flexible Demand Large Business. This consultation has led to Flexible Demand Large Business in its current form.

External stakeholders comprise of the SA Power Networks' Reset Tariff Working Group which include representatives from the Electric Vehicle Council, SA Government, solar industry, and business and social service advocates.

Expected consumer and/or retailer response

Through its price signals and structure, Flexible Demand Large Business aims to encourage large businesses to manage their electricity consumption at peak times, when the distribution network is under its greatest constraint.

Proposed tariff (structure and pricing)

The structure of the trial tariff will mimic existing SA Power Networks tariff structures for large business:

- Large Business Annual Demand
- HV Business Annual Demand
- Zone Substation kVA
- Sub-transmission kVA
- Large Business Generation
- HV Business Generation

For the component of Anytime Demand which the large business elects to be flexible, the Anytime

Demand tariff price will be 50% of the published tariff in 2024-25.

Peak Demand will only apply during November to March between 11am – 5pm (CBD) or 5pm–9pm (Rest of SA) local time, on days when the temperature is 38 degrees or above as measured at West Terrace Adelaide or as otherwise agreed with regional customers.

Demand values will be agreed with the customer.

The usage component of the tariffs remains unchanged.

Forecast revenue	\$0.32 million, equivalent to 0.036% AAR for the upcoming regulatory year.
Trial start date	1 July 2023
Duration of trial	1 July 2023 to 30 June 2025
Forecast volumes	5 Customers
Location of trial	State-wide

Links to Tariff Structure Statement (TSS) strategy

The trial tariff structure proposed in 2024-25 has also been proposed in our 2025-30 TSS.

Maximising the utilisation of the distribution network is a key component of our Regulatory Proposal and the tariff encourages this.

Potential changes and triggers

This trial tariff will cease on 30 June 2025 and it is proposed that it will become a part of our tariff structures in 2025-30.

Diversify

Trial Tariff

Objectives of trial

The trial tariff Diversify offers a daily rebate to incentivise residential customers with devices connected to a Home Energy Management System (HEMS). This will allow SA Power Networks to alter the customer import limit, which may result in the HEMS regulating the consumption of connected smart devices to comply with the import limit.

This will enable SA Power Networks to increase the diversity of load, thereby avoiding inefficient distribution network investment. The participating HEMS must demonstrate the capability to receive SA Power Networks dynamic operating envelope (DOE) signals.

The objective of this trial tariff is to better understand how customers respond to financial rewards in exchange for offering flexibility.

This trial is a continuation from 2023-24.

Retailer engagement

SA Power Networks has consulted with a number of retailers with varying market shares.

This consultation will continue as the technical specifications and processes are refined to ensure that retailers are able to develop and successfully implement a retail offer for customers.

Consumer engagement

SA Power Networks has consulted with a number of key external stakeholders in the development of the Diversify rebate. This consultation has led to the Diversify rebate in its current form.

External stakeholders comprise of the SA Power Networks' Reset Tariff Working Group and DER Integration Working Group. These groups include representatives from the Electric Vehicle Council, SA Government, solar industry, as well as business and social service advocates.

Expected consumer and/or retailer response

No consumer response is expected as the HEMS will deliver demand response on their behalf. We expect the retailer to incorporate the trial tariff into a retail offer for consumers.

Proposed tariff (structure and pricing)

Indicative only at 2024-25 NUoS prices

\$/Day Rebate	(\$0.33)
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Accessible to those residential customers who allow SA Power Networks to occasionally manage the customers' import limit. The rebate is independent of the meter type and residential tariff.

The rebate is only available to retailers that have engaged with SA Power Networks and who have agreed to comply with SA Power Networks' technical specifications.

Forecast revenue	(\$0.06) million, equivalent to (0.007%) AAR for the upcoming regulatory year.
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Trial start date	1 July 2023
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Duration of trial	1 July 2023 to 30 June 2025
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Forecast volumes	500 Customers
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Location of trial	Available to any residential customer in South Australia.
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Links to Tariff Structure Statement (TSS) strategy

To date the trial tariff has not provided sufficient insights to warrant inclusion in the 2025-30 TSS however we are looking to continue the trial tariff in 2025-30 to inform our thinking with the potential to include the tariff in 2030-35 TSS.

Potential changes and triggers

The details of the trial, including forecast revenues, will be reviewed in collaboration with affected retailers before each subsequent year in February. Updates to the trial tariff will be advised through the trial tariff notification process with the AER.

