

Operations Report

Future Energy

Ampol is committed to meeting customer needs as the energy transition continues to evolve.

186

charging bays across Australia and New Zealand

As the leading provider of transport energy across Australia and New Zealand, Ampol believes we have a key role to play in supporting our customers through the energy transition.

We recognise that this will take time which is why we are committed to getting the balance right between investing in the core business, investing prudently in the energy transition and delivering shareholder returns. We are well placed to respond to changes in the pace of the transition with the ability to flex investment as proof points emerge.

In 2023, we continued the execution of our Future Energy Strategy. Our Future Energy Strategy pursues the opportunities arising from the energy transition, focusing on a suite of initiatives that target e-mobility, hydrogen, renewable fuels and other low carbon products in Australia.

More information on our Future Energy Strategy can be found on the Ampol website.

AmpCharge rollout continues

In line with our over 100-year history of keeping customers moving with the right product in the right location, the Australian rollout of our EV charging solution AmpCharge continued in 2023. The AmpCharge ecosystem leverages our existing transport product offers and is underpinned by Ampol's Australian retail network and broad customer base.

As of 31 December 2023, Ampol has delivered 82 AmpCharge charging bays in Australia. This makes up part of our national commitment to install 300 AmpCharge EV charging bays at more than 100 Australian sites by the end of 2024.

The live sites have been delivered with support from co-funding agreements with the Australian Renewable Energy Agency (ARENA) and the NSW Government. We also entered into an installation provider agreement with Energy Queensland's integrated energy solutions provider Yurika to initially deliver over 30 new EV charging bays.

To support energy usage across our retail stores and AmpCharge EV charging bays, we have commenced a program installing ~50kW solar panels to supplement grid energy consumption at our owned and operated Retail sites. First-of-its-kind AmpCharge hubs have also been installed at our flagship Ampol Foodary Pheasants Nest sites that include 12 charging bays providing up to 300kW of power to serve EV drivers on long journeys up and down the Hume Highway.

A small number of our owned and operated sites that host AmpCharge chargers are also trialling integrating batteries, solar and grid power to support retail store consumption and EV charging.

With the rollout of AmpCharge EV chargers well underway, several other partnerships to offer 'at-destination' EV charging were established throughout 2023. Among the key partners were Mirvac who will have AmpCharge chargers installed throughout its retail portfolio; the first AmpCharge infrastructure to be installed outside of our service station network.



Renewable fuels

The energy transition to date has demonstrated that there is no 'one-size-fits-all' solution. Different customers have different requirements, and the pace of change will vary.

As the complexity of the transition becomes more apparent, it is clear that transitional drop-in solutions like renewable fuels have an important role to play. Renewable fuels consist of liquid hydrocarbons, made from biomass material that can be blended into different traditional fuel grades, and make progress in a sensible and pragmatic way, most notably in hard to abate areas such as mining, aviation, shipping and heavy road transport.

We have an ambition to be a major player in the development of renewable fuels and are assessing numerous options for viability, through the lenses of policy and regulation, customer needs and available technology, to make informed choices.

Ampol is committed to ensuring Australia continues to take the right steps for the future of renewable fuels and the extent to which it can play a material role in the Australian transportation energy supply. While government policy is paramount, the associated benefits for agricultural industries and regional communities are key considerations.

We are currently exploring the feasibility of delivering a renewable fuels manufacturing facility at our Lytton refinery.

The Brisbane Renewable Fuels project considers the use of agricultural, animal and other waste feedstocks prevalent in the Queensland market. Leveraging existing refinery manufacturing, distribution infrastructure and capability to produce renewable fuels for domestic use, and the export market where possible, remains a priority provided acceptable returns are available.

In September, we also undertook a renewable diesel trial with select customers, as part of assisting customer decarbonisation journeys and attaining a practical understanding of renewable diesel.

Entering the Australian hydrogen market

Hydrogen remains a pillar of our Future Energy Strategy and has a key role to play in reducing emissions across Australia's transport and energy sectors.

Ampol has commenced prioritising projects that address the refuelling demand of mobility customers and has established relationships with both hydrogen producers and supply chain manufacturers to establish a safe, scaled and reliable supply chain.

In August, we entered into a partnership with hydrogen equipment manufacturer and supplier OneH2, to represent the United States based company in the Australian hydrogen market.

By partnering with OneH2, we aim to offer a unique and complete hydrogen refuelling solution, giving customers the opportunity to trial hydrogen technology and better understand how it can further assist their decarbonisation journeys through alternative fuel options.

The OneH2 equipment is unique with its mobile refuelling offer as it eliminates expensive installations and provides refuelling flexibility for customers. The partnership is a natural extension to our fuel portfolio and will initially focus on back-to-base hydrogen operations. It is expected that heavier transport will be the focus.

In a further demonstration of the enhanced focus in hydrogen, we also entered a Memorandum of Understanding (MOU) with Hyundai, Toyota and Pacific Energy. The MOU will allow Australia's leading proponents of the growing hydrogen economy to combine expertise and capabilities to jointly develop hydrogen refuelling infrastructure.



○ CASE STUDY

Ampol Energy in market

We continued our mission to power better journeys in 2023 by officially unveiling our retail home electricity solution, Ampol Energy. While not yet available for customers outside of the South-East Queensland (SEQ) Energex network, the move into the electricity market has allowed Ampol to trial powering our customers wherever journeys may start – including at home.

A small employee test and learn pilot was conducted prior to SEQ customer uptake commencing in March. For the first time anywhere in Australia, the introduction of Ampol Energy allowed SEQ customers to utilise Ampol's entire existing product portfolio, and benefit when buying fuel from Ampol Foodary sites.