

Operations Report – Future Energy

Our future energy business is building new lower emissions solutions for the future to help our customers decarbonise

AmpCharge launched

Electric vehicle charging solution launched following opening of pilot sites

Supporting the uptake of EVs

Key Hyundai, EVDirect partnerships announced



CASE STUDY



Developing Ampol Energy

Ampol continues to put the foundations in place to support our customers with electricity solutions.

We know that our customers' transport energy needs are changing and we want to be able to support them.

This means being able to charge their EVs through AmpCharge on the road but also at home and in depots for fleet vehicles where required.

In 2022, our application for an energy retail authorisation from the Australian Energy Regulator was approved in Queensland, NSW, SA, ACT and Tasmania. We also launched a retail electricity pilot with a small group of employees in Queensland.

Our electricity offering will be small test and learns initially as we focus on building an integrated fuel and electricity offer for customers in 2023.

We have been powering Australians for over 100 years, and our future energy business is continuing to build solutions for the future.

In 2022, we continued with the execution of our Future Energy and Decarbonisation strategies. Milestones included the launch of our electric vehicle charging solution AmpCharge, the introduction of AmpCharge fast-charging infrastructure to some retail sites and the formation of new strategic partnerships.

AmpCharge launches to customers

E-mobility is a core pillar of our future energy strategy. We project electric vehicles (EV) will make up 15% of Australia's car fleet by 2030 and become Australia's primary mobility source for passenger vehicles by 2050.

Ampol's aim is to build Australia's leading e-mobility brand, leveraging our position as the country's largest branded fuel retail network. With nearly 3 million customer visits per week in our Australian retail stores and a national network located along major transport infrastructure in metropolitan and regional areas, we are well positioned to achieve this goal.

2022 saw the launch of AmpCharge to support the transition of our customers to EVs.

AmpCharge, our national EV charging solution, was launched in May at our Alexandria Woolworths MetroGo retail site. An important step forward for our e-mobility strategy and our objective to reduce emissions in the transport sector, through AmpCharge we are building a national charging network that will assist in minimising range anxiety for EV owners and support EV uptake.

Ampol has an initial commitment to deliver AmpCharge EV fast-charging infrastructure at more than 100 fast-charging sites with over 300 charging bays to be delivered.

The initial stage of this program included other pilot EV fast-charging sites in Carseldine, Queensland, Altona North, Victoria, Belmont, Western Australia and Northmead, NSW. The small number of pilot sites enabled Ampol to focus on delivering excellent customer satisfaction and to learn from deploying and operating the assets before a scaled rollout program.

Alongside the delivery of AmpCharge infrastructure on our forecourts, we will introduce new at-destination charging solutions in places like shopping centres and workplaces. We will continue to test and learn as we launch these new offerings to customers in 2023.

The initial rollout of AmpCharge at our forecourts includes ultrafast chargers capable of charging an EV at up to 150kW which have the ability to charge at least two EVs concurrently. As we expand our AmpCharge presence in different locations, we will also deliver fast (between 50kW and 75kW) and high-power charging solutions (between 150kW and 350kW) to serve the different customer needs.

Many sites will also feature solar power systems while some will have battery storage provisions which we continue to trial as we consider a network-wide rollout. In addition, the energy used by our AmpCharge EV chargers is 100% offset with renewable energy certificates. We have achieved this by purchasing and surrendering Large-scale Generation Certificates (LGCs) to net the equivalent electricity consumption used by our AmpCharge EV chargers.

The work undertaken in 2022 builds momentum towards our ambition of AmpCharge becoming Australia's leading EV charging network. As we continue with our rollout, we will focus on getting the balance right, investing to build capacity while tailoring our investment to match the take-up of EVs in the Australian market.

Building strategic partnerships

In 2022, we established several strategic partnerships that will support the execution of our future energy strategy.

Government support remains crucial for a successful energy transition, particularly as the penetration and uptake of EVs increase and the demand for charging infrastructure continues to develop.

Early partnerships with government include our agreement with ARENA for the rollout of more than 100 charging sites, which was announced in August. In October, we also announced a funding agreement with the NSW Government to deliver EV fast-charging infrastructure throughout NSW.

The NSW funding agreement will see Ampol deliver over 110 fast-charging bays at 19 AmpCharge sites, with a minimum of four charging bays per site and several sites having up to 10 charging bays to act as hub sites for EV drivers.

The infrastructure will be located at existing forecourts on key commuter routes, along with new destination charging sites at major retail precincts. The infrastructure will be built throughout Greater Sydney and regional NSW, with the NSW Government contributing over \$9 million in co-funding to underpin Ampol's investment.

Late in 2022, we also announced two strategic partnerships with leading global vehicle manufacturers.

In October, we launched a collaboration with EVDirect, the Australian importer and seller of globally renowned BYD Automotive EV vehicles, to support the uptake of high-quality and affordable EVs across Australia. Under the arrangement, Ampol and EVDirect will work together to design and build integrated offers and packages for new EV owners and business fleet customers to ensure the availability of seamless and convenient charging solutions.

We also announced a strategic partnership with Hyundai Motor Company Australia to further encourage the transition to zero-emission vehicles in Australia. The Hyundai agreement includes knowledge sharing and both short- and long-term initiatives to assist the transition to battery electric vehicles, including charging offers for Hyundai EV customers.

The agreement will also see Ampol and Hyundai explore the development and use of hydrogen in Australia's transport sector.

Like e-mobility, hydrogen is one of the pillars of our future energy strategy. We believe hydrogen has an important role to play in the energy transition and decarbonisation of Australia's transport sector in the longer term. We are uniquely positioned to participate in developing hydrogen infrastructure as a natural extension of our existing core transport fuels business.

Hyundai and Ampol will collaborate to deliver integrated solutions to customers looking to operate fuel cell electric vehicles powered by hydrogen. The partnership will also explore the development of hydrogen infrastructure and fleets. This could include knowledge sharing and collaboration on opportunities for public funding of new hydrogen infrastructure.

