



ENOC's service station of the future takes shape

At the Expo 2020 Dubai, ENOC gave an insight into the development of its first new generation service station.

ENOC Group, the Official Integrated Energy Partner of Expo 2020 Dubai, today announced a new milestone in the construction of its Ghaf-tree inspired service station located at the Expo 2020 Dubai site.

Construction of the region's first LEED Gold certified service station has reached an 40%. Work began in August 2019 and the service station is expected to be completed by June this year. After Expo 2020 Dubai, the service station will be open to the public as part of the site's legacy phase, according to a [company tweet](#).

During the first phase of testing, the station will service approximately 500 official Expo 2020 Dubai vehicles that cater to VIPs officials and Operational vehicles. The station will be equipped with six pumps to serve up to 80,000 litres of fuel, which can fuel up to 2,000 vehicles daily.

"The 'Service Station of the Future' embodies our commitment to "Reimagine Energy" by creating a prototype of the future of retail service stations. In addition to serving as a testament to our drive to innovate and set new standards for the industry, this station will contribute to Expo 2020 Dubai plans to leave behind a powerful legacy for Dubai and the UAE," said Saif Humaid Al Falasi, Group CEO, ENOC.

Using smart, energy-efficient and renewable solutions including wind turbine generated power and photovoltaic (PV) solar panels, the service station will achieve overall power savings of 48%. This is equivalent to 228 MWh per year.

The structure of the service station's canopy is constructed from carbon fibre making it three times stronger and five times lighter than steel. The Ethylene tetrafluoroethylene (ETFE) - commonly known as polymer - cushion allows natural light penetration and provides 100 per cent UV protection, according to ENOC.

The sites will also have high efficiency LED systems, vapour recovery and electric vehicles chargers.