



**MEDIA RELEASE
17 JULY 2020**

**EMA and Shell invite SMEs to Co-create
Smart and Clean Energy Solutions for Shell Stations**

The next time motorists stop to refuel at Shell's service stations, they could find that these stations are doing more than just offering fuel, retail and automotive services. The Energy Market Authority (EMA) and Shell have issued a joint grant call to develop smart and clean energy solutions for Shell's network of service stations which would not only power the stations but provide fast charging for electric vehicles (EVs).

2. The grant call would develop smart energy management system solutions to manage Shell's service stations. This system integrates the use of solar power and Energy Storage Systems (ESS) to power its stations, and provide fast charging for electric vehicles (EVs). The charging could be up to three times faster than the existing Shell Recharge¹ 50kW rapid DC chargers, depending on the vehicle model.

3. The grant call is also looking for an ESS equipped with enhanced cooling and fire safety features suitable for deployment at service stations. The ESS would be used to power the service stations' operations and mitigate the intermittent nature of solar power. If successful, this could pave the way for the wider deployment of ESS at more service stations, and support the adoption of solar energy in Singapore.

4. This joint grant call is supported by Enterprise Singapore under the Gov-PACT initiative. This initiative aims to assist Small Medium Enterprises (SMEs) and start-

¹ In August 2019, Shell was the first company to launch EV charging services (Shell Recharge) at service stations in Singapore and South East Asia, offering on-the-go charging to motorists. See [here](#) for more details.

ups to collaborate and undertake innovative projects, with the support of government agencies, to help them develop commercially viable solutions. Successful SMEs, who could be part of a consortium, would have their solutions from the grant call deployed at Shell's service stations.

5. Mr Ngiam Shih Chun, Chief Executive of EMA said, "Our partnership with Shell is an example of how EMA is collaborating with the industry to develop smart and clean energy solutions for a more sustainable future. The use of more solar energy and ESS will help to lower carbon emissions. This will also help Singapore achieve its solar and energy storage targets."

6. In the Singapore Energy Story, the goal is to achieve at least 2 gigawatt-peak of solar power by 2030 and an ESS deployment of 200 megawatts beyond 2025. This will generate enough solar energy for 350,000 households each year.

7. "Shell is pleased to partner EMA and the local industry to help Singapore further establish itself as a sustainable city. Offering faster, lower-carbon EV charging would provide drivers with more choice in decarbonisation. This is in step with the country's shift towards cleaner energy vehicles. It also supports Shell's ambition of becoming a net-zero energy emissions business by 2050, or sooner," said Emily Tan, General Manager, Shell City Solutions.

8. In 2019, EMA and Shell forged a partnership to strengthen local capabilities, especially for SMEs, in deploying smart energy solutions. This grant call, which stems from the partnership, allows interested SMEs to work alongside Shell to test-bed their solutions at three of Shell's service stations and build up their commercial capabilities.

9. Interested parties may apply to participate in this grant call at www.ema.gov.sg/ema-shell-partnership.aspx. Registrations will close at 12pm, 6 August 2020.

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About the Energy Market Authority

The Energy Market Authority (EMA) is a statutory board under the Ministry of Trade and Industry. Our main goals are to ensure a reliable and secure energy supply, promote effective competition in the energy market and develop a dynamic energy sector in Singapore. Through our work, EMA seeks to forge a progressive energy landscape for sustained growth.

Website: www.ema.gov.sg | Follow us: Instagram: @EMA_Singapore | Facebook: facebook.com/EnergyMarketAuthority | Twitter: @EMA_Sg

About Shell in Singapore

As one of the world's leading energy companies, Shell plays a key role in meeting the world's growing energy demand in economically, environmentally and socially responsible ways. In Singapore, Shell employs more than 3,100 people and is one of the country's largest foreign investors. Shell has been in Singapore since 1891 and has businesses including trading and marketing of liquefied natural gas; manufacturing, trading, marketing and shipping of oil products and chemicals; and development of renewable energy solutions. For more information, visit www.shell.com.sg.

About Shell City Solutions

Shell City Solutions help cities around the world navigate their energy transition towards a lower-carbon future. Their first City Solutions Living Lab was launched last year in Singapore to bolster innovations in integrated urban solutions for mobility, energy and environment. The business works together with city officials, businesses and organisations to co-create and test innovative concepts, technologies and business models in cities.

About Enterprise Singapore

Enterprise Singapore (ESG) is the government agency championing enterprise development. We work with committed companies to build capabilities, innovate and internationalise. We also support the growth of Singapore as a hub for global trading and startups and build trust in Singapore's products and services through quality and standards. Visit www.enterprisesg.gov.sg for more information.