

MEDIA RELEASE

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EMA Launches New Initiatives to Boost Solar Deployment in Singapore

With Singapore's new target of deploying 4 gigawatt-peak (GWp) of solar by 2035, the Energy Market Authority (EMA) is stepping up efforts to unlock more opportunities for solar deployment. This includes identifying new spaces and applications for solar, making it easier for private residential property owners to adopt solar, and ensuring the power grid remains ready to support the increased supply from solar.

2 To identify where and how Singapore can deploy more solar, EMA will collaborate with the Solar Energy Research Institute of Singapore (SERIS) to refresh the Solar Photovoltaic (PV) Roadmap for Singapore, building on the version last updated in 2020. The refreshed Roadmap will assess solar deployment opportunities across diverse types of surfaces and help chart the pathways towards maximising solar deployment over the medium to long term, in support of Singapore's higher solar ambition.

3 EMA is also taking steps to encourage greater solar adoption for private residential landed properties. EMA and the Sustainable Energy Association of Singapore (SEAS) have inked a Memorandum of Understanding to explore the development of a one-stop digital portal to make it easier for homeowners to adopt solar. The platform aims to aggregate solar-related information and services, helping homeowners understand their options, connect with solar installers, and explore group purchase opportunities.

4 As solar adoption increases, the electricity grid will have to accommodate more electricity flowing from solar panels back to the grid. EMA will therefore embark on a research collaboration with the Energy Research Institute @ NTU (ERI@N) to study and map the capacity of local electricity networks, to accommodate more solar in

landed residential estates. This will help EMA better understand grid conditions, anticipate future needs, and plan ahead to ensure that the grid can keep pace with growing solar adoption.

5 Puah Kok Keong, Chief Executive, EMA, said: “With Singapore’s land constraints, we need to make the most of every opportunity to harness solar energy. Strong partnerships will be key to unlocking more opportunities for solar, making adoption easier, and ensuring that our grid is ready to support its growth.”

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About the Energy Market Authority

The Energy Market Authority (EMA) is a statutory board under the Singapore Ministry of Energy, Trade and Industry. Through our work, we seek to build a clean energy future that is resilient, sustainable, and competitive. We aim to ensure a reliable and secure energy supply, promote effective competition in the energy market and develop a dynamic energy sector in Singapore. Visit www.ema.gov.sg for more information.