

For Immediate Release

Media Release

Sentosa Development Corporation expands solar energy programme to achieve double its initial solarisation target by 2025

The expanded solarisation programme will produce an estimated annual yield of over 7 gigawatt hours of clean energy by 2025, of which 85% has already been installed under Phase One.



*Solar panels installed on the roof top of Palawan Kidz City
(Photo credit: Sentosa Development Corporation)*

Singapore, 14 November 2023 – Sentosa Development Corporation (SDC) announced [its intention in June 2022 to launch a solarisation programme](#), as part of its continued commitment to make Sentosa a carbon-neutral tourism destination by 2030. Since then, it has embarked on a joint effort with five island businesses under the first phase of the programme, where solar panels have been deployed across a total of 46 locations under SDC, Mount Faber Leisure Group, Resorts World Sentosa, Capella Singapore, and ONE°15 Marina Sentosa Cove, as well as Big Tiny, which operates Tiny Away Escape @ Lazarus Island.

Over 5.2 megawatt-peak (MWp) solar capacity has been installed, surpassing the [original target of 3 MWp](#). The new capacity is expected to produce close to 6.6 gigawatt hours (GWh) of clean energy annually, and has the potential to achieve an overall reduction of more than 2,600 tonnes CO₂e¹ per year, equivalent to the carbon emissions generated by 97,700 hotel room nights.

SDC has commenced Phase Two of the programme by engaging more businesses to come on board the solarisation journey, including Amara Sanctuary Resort Sentosa and FOC Sentosa. By end of Phase

¹ “CO₂e” or “carbon dioxide equivalent” is a term to describe greenhouse gases in a common unit.

Two in 2025, SDC aims to achieve the next milestone goal of a cumulative island-wide solar capacity of more than 6 MWp, which can generate an estimated annual yield of over 7 GWh of clean energy.

Ms Thien Kwee Eng, Chief Executive Officer, SDC, said, "The island-wide solarisation programme has reached a significant decarbonisation milestone under the Sustainable Sentosa strategic roadmap. It is made possible only through the dedication of SDC and the businesses on the island to harness every viable opportunity for solarisation. By commencing Phase Two, we will continue to maximise deployable spaces, including non-conventional areas, to bring us closer to achieving our 2030 carbon neutral goal."

SDC plans to explore the installation of solar panels at non-conventional spaces on Sentosa to maximise the potential of harnessing solar energy on the island. For a start, SDC has engaged Raitan Pte Ltd, a winner of the 2022 Sustainability Open Innovation Challenge (SOIC), to test out the application of such novel solar technologies as a pilot project. This will take the form of solar pavement to be installed at Fort Siloso Skywalk in the first quarter of 2024 for three months. The pilot project will help SDC assess the practical use of platforms such as pedestrian walkways to generate solar energy.

For details, images and video on the solar panels installed during Phase One of Sentosa's solarisation programme, please refer to the **Annex**.

About Sentosa

Sentosa, where discovery never ends, is Asia's leading leisure destination and Singapore's premier island resort getaway, located within 15 minutes from the central business and shopping districts. The island resort is managed by Sentosa Development Corporation, which works with various stakeholders in overseeing property investments, attractions development, and operation of the various leisure offerings and management of the residential precinct on the island.

The 500-hectare island resort is home to an exciting array of themed attractions, award-winning spa retreats, lush rainforests, golden sandy beaches, resort accommodations, world-renowned golf courses, a deep-water yachting marina and luxurious residences – making Sentosa a vibrant island resort for business and leisure. Sentosa is also home to Singapore's first integrated resort, Resorts World Sentosa, which operates Southeast Asia's first Universal Studios theme park.

Situated on the eastern end of Sentosa Island is Sentosa Cove, an exclusive waterfront residential enclave bustling with more than 2,000 homes, quayside restaurants, retail and specialty shops. The island is also proud to be home to Sentosa Golf Club and its two acclaimed golf courses, The Serapong and The Tanjong. Sentosa Golf Club has hosted a number of high-profile professional and amateur tournaments, including the Singapore Open and HSBC Women's World Championship, welcoming international star players and world-class golf professionals from across the world.

Welcoming a growing number of local and international guests every year, Sentosa is an integral part of Singapore's goal to be a global destination to work, live and play. For more information, please visit: www.sentosa.com.sg.

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#Sentosa, #SentosaDiscovery, #DiscoveryNeverEnds

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About Sentosa Development Corporation

Sentosa Development Corporation (SDC) was established on 1 September 1972 as a Statutory Board under the Ministry of Trade and Industry. As a master planner, its charter since inception has been to oversee the development, management, marketing and promotion of the island of Sentosa as a resort destination for locals and tourists.

SDC wholly owns its subsidiaries Sentosa Cove Resort Management Pte Ltd and Sentosa Golf Club Pte Ltd. SDC also owns the Singapore Cable Car Sky Network, managed by Mount Faber Leisure Group Pte Ltd, a wholly owned subsidiary which operates as an autonomous commercial arm.

As a testament to its commitment to sustainability, SDC has been conferred the Global Sustainable Tourism Council – For Destinations (GSTC-D) certificate, making Sentosa the first island destination in Asia to receive this accolade.

Annex

All high-resolution images and a video of the solar panels installed can be downloaded from this [link](#).

For video/photo credits:

1. Assets 01 – 10: Please credit **Sentosa Development Corporation**
2. Asset 11: Please credit **Big Tiny**

Details of the solar panels installed during Phase One of Sentosa’s solarisation programme

	No. of Solar Panels	Installed Capacity (kWp)	Estimated Annual Yield of Renewable Energy (kWh)
Sentosa Development Corporation	3,221	1,868	2,241,816
Mount Faber Leisure Group	376	218	261,696
Resorts World Sentosa	3,530	2,103	2,720,000
Capella Singapore	976	824	1,100,000
ONE°15 Marina Sentosa Cove	332	206	225,394
Big Tiny	24	9	5,000
Total	8,459	5,228 kWp (= over 5.2 MWp)	6,553,906kWh (= close to 6.6 GWh annual yield)