

SEMBCORP SOLAR - CASE STUDIES

4.1MWp Rooftop Solar Solution for ST Engineering

With over 40 years of experience and track record in the global aviation industry, ST Engineering's Aerospace sector is committed to sustainability and incorporates ESG principles in developing business strategies and managing operations. One of the environmental sustainability efforts by ST Engineering was a partnership with Sembcorp to build two grid-rooftop solar energy systems with a combined capacity of 4.1MWp at its aerospace facilities in Changi and Seletar.

Our Solution

Sembcorp's Solar PV System is backed by a centralised digital platform that remotely monitors data of Sembcorp's fleet of solar systems in Southeast Asia in real-time, enabling the operations and maintenance team to have enhanced visibility for swift deployment to specific sites when needed.

System Information

Location	8 Changi North Way	600 West Camp Road
System Size	2,062 kWp	2,032 kWp
Completion Date	30 Jan 2018	13 Mar 2018

Green Benefits



Solar energy generated
can power up to
1,269
4-room HDB flats
per year**



CO₂ emissions avoided
equivalent to taking
518
cars off the road per year



CO₂ emissions avoided
equivalent to planting
28,714
trees per year



CO₂ emissions
avoided by
2,379
tonnes per year

* Estimate is based on first year of solar PV electricity generation

** Based on EMA data