

NUSANTARA SEMBCORP SOLAR ENERGI POWER PLANT

First integrated solar and energy storage project in Indonesia

The Nusantara Sembcorp Solar Energi (NSSE) Power Plant is the first utility-scale integrated solar and energy storage project in Indonesia. It generates around 93GWh of green energy per year to cater to all electricity needs in Nusantara.

NSSE is a joint venture of PLN Nusantara Renewables and Sembcorp Renewables Indonesia.

Solar PV system

Installed capacity
50MW

PV modules
114,420

Total area
87.46ha

Equivalent to removing over
24,000
cars off the road annually

Energy Storage System

Installed capacity
14.2MWh

Battery packs
126

Power generation of approximately
93GWh
annually

Avoids approximately
104,000
tonnes of CO₂ annually

