

The 950 MW (700 MW CSP & 250 MW PV) Noor Energy 1 project will be the largest single-site concentrated solar power plant in the world. The fourth phase of the Mohammed Bin Rashid Al Maktoum Solar Park, will provide electricity at a levelised tariff of US \$7.3 cents per kilowatt-hour; a cost level that competes with fossil fuel generated electricity without subsidy for reliable and dispatchable solar energy through the night. The project is also committed to deliver 250 MW PV capacity at a cost of US \$2.4 cent/kWh. The technology used includes a combination of the world's largest solar tower at 260 meters, and parabolic trough concentrated solar power technologies to collect energy from the sun.

The project supports the Dubai Clean Strategy to increase the share of clean energy at Dubai to 25% by 2030 as well as allowing a saving 6.5 Million tons of CO2.

# Noor Energy 1



**UNITED ARAB EMIRATES**  
Dubai

## TECHNO-COMMERCIAL

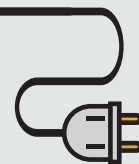
<b>Offtaker</b>	DEWA
<b>Offtake Contract</b>	PPA-BOO-35 YR
<b>Power</b>	950 MW
<b>Project Cost</b>	USD 4.3 Bn
<b>ACWA Power Effective Stake</b>	49%

## STAKEHOLDERS

<b>Partner &amp; Offtaker</b>	DEWA (51%)
<b>EPC</b>	Shanghi Electric
<b>O&amp;M</b>	NOMAC



# 950 MW





Noor Energy 1