

FACT SHEET

SOLAR POWER PROJECT CPL SOUANI

DENA RENEWABLE ENERGY SOLUTIONS PROJECT TUNISIA

INAUGURATION, DECEMBER 9th, 2021

PHOTOVOLTAIC PLANT

Location	CPL SOUANI, Lansarine, Tébourba, Tunisia
Plant type	Grid-connected (medium voltage), rooftop
Business model	Self-consumption, net-billing of surpluses
PV power	84.24 kWp
Solar modules	162 x JinkoSolar, JKM520M-7TL4-V (520 Wp)
Inverter	1 x REFUso1 100K
Mounting structure	K2 Systems, TiltUp Vento
Monitoring	meteocontrol, blue'Log XM-200
Completion	November 2021

FINANCING

Equity	30%, CPL SOUANI
Debt	70%, UIB / SUNREF Tunisie
Grants	SUNREF Tunisie / ANME

BENEFITS

Solar output	~ 130,000 kWh p.a.
Self-consumption	~ 123,000 kWh p.a.
Injected to grid	~ 7,000 kWh p.a.
Autarky rate	~ 35% p.a.
CO ₂ savings	~ 70 tons p.a.
Equity payback period	< 5 years
Economic lifetime	> 25 years

The project dena RES Tunisia is part of the worldwide dena Renewable Energy Solutions Programme coordinated by the Deutsche Energie-Agentur (dena) – the German Energy Agency – and supported by the German Federal Ministry for Economic Affairs and Energy (BMWi) within the German Energy Solutions Initiative.



Supported by:



on the basis of a decision by the German Bundestag

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