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# Tunis City School Solar Container Single-Phase





## Overview

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How much does a photovoltaic project cost in Tunisia?

Tunisia has selected four photovoltaic projects totalling 500 MW in the first phase of the 1,700 MW call for tenders, with the best tariff being 0.029 euros per kWh.

How efficient is a solar system in Tunis?

Under these conditions, the simulation for Tunis indicated an average solar field efficiency of 40%, an average biogas consumption of 1564 m<sup>3</sup> /day, a solar share of 27.5%, and an electrical energy generation of 2052 MWh/year, with average power block efficiency of 20.81%. Table 1 summarizes the main data of the conditions of the studied system.

How many solar projects are in Tunisia?

Tunisia previously awarded five solar photovoltaic projects with a combined capacity of 500 MW in five governorates: 200 MW in Tataouine, 50 MW in Tozeur, 50 MW in Sidi Bouzid, 100 MW in Kairouan and 100 MW in Gafsa. These projects are expected to come online from 2025.

How much would a Biosol project cost in Tunisia?

When induced effects are included, the installation of 11,652,290 dollars BIOSOL project in Tunisia, along with the personnel costs required during the lifespan of the installation, would have an estimated impact in production of 40,624,268 dollars. Direct and indirect income-generation per unit of income originated can also be assessed.



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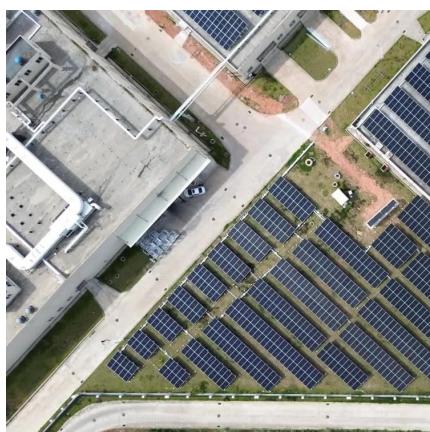


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