



AURA SOLAR MEXICO

Pioneering solar power in Latin America



Aura Solar I is one of the largest photovoltaic energy projects in Latin America and a key driving force in Mexico's clean energy revolution. The plant generates on average 82,000 MWh of solar power per year and prevents 42,500 tonnes of greenhouse gas emissions annually.

The Context

The solar power plant is an important trigger in the clean energy revolution in Mexico. It is part of the wider initiative “Iniciativa Aura Solar”, which aims to develop successful large-scale photovoltaic projects that can capitalise on Mexico’s high solar potential.

The Project

Aura Solar I is located on a 100-hectare site in La Paz, the capital city of the Mexican state of Baja California Sur. It has an installed capacity of 39 MW and is one of the first large-scale solar photovoltaic plants developed in Latin America. The electricity that is produced is supplied to the grid through a new 115kV/2.9km transmission line connected to the substation “Olas Atlas”.

The Benefits

By replacing fossil fuels use, the project significantly reduces emissions and helps mitigate the environmental risks of the transport of hydrocarbons into the delicate ecosystem of the Gulf of California. Aura Solar employs local workers and provides employees with technical training.

Pioneering solar power in Latin America and promoting the Mexican renewable energy sector

Official Name

Aura Solar I Solar Project in Baja California Sur, Mexico

Commercial Operation Date

September 2013

Total capacity

39 MW

Estimated Annual Electricity Generation

43,000 MWh

Quality Assurance and Verification

In accordance with the I-REC Code



153 employees

trained, providing important capacity building to local communities



82,000 MWh

generated per year, providing clean energy to Mexico



7,000 USD

invested in improved road infrastructure, promoting development in the region



42,500 tCO₂e

mitigated per year, by providing an alternative to the burning of fossil fuels

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

UNFCCC/markit/VCS link: <https://registry.irecservices.com/Public/ReportDevices/>