



Aura Solar I Solar Project

Baja California Sur, Mexico

The solar plant is located on a 100-hectare site in La Paz, state of Baja California Sur.

Aura Solar I is expected to produce 65.7 GWh of electricity per year to be sold exclusively to the Mexico Federal Power Company CFE, namely through a 20-year PPA, which is expandable and based on the small electricity producers of the country (Pequeña Producción de Energía Eléctrica). This power is transferred to the substation “Olas Altas” via a new 115 kv / 2.9 km long transmission line.

The great potential of solar power is still hardly used. This is due to various reasons. So far, a specific funding program is missing. The technical and commercial risks of projects are therefore often regarded as too high and prevent project developers from investing in solar power technologies. The national financial institutions have little experience in the evaluation and funding of large-scale solar projects. The cooperation between the private sector, science and public institutions is too little developed to stimulate investment in innovative technologies. Moreover, the various actors do not have mechanisms for a coordinated and stimulating approach for the market of solar technologies.

Mexico faces two main challenges in power supply: as a result of the growth of industry and population, the production capacities must be constantly expanded. Between 2014 and 2027, the installed capacity is expected to nearly double from 62.2 to 114.9 Gigawatts. Furthermore, the government has set ambitious targets relating to the shift towards renewable energies. By 2024, 35% of the electricity should come from fuelless energy sources and by 2050 already 50%.

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| Type of project: | Solar power |
| Project N°: | 124 |
| Certifier: | TÜV Nord Cert GmbH |
| Type of certificate: |  |
| UN Agenda 2030 Goals (see page 55): |  |

