



INFINITE
SOLUTIONS

216 MWAC Kamuthi Solar Power Project



Project Description

The proposed 216 MW_{ac} solar PV plant is part of the world's largest single location solar power project of 648 MW_{ac} capacity, which was commissioned by the Adani Group at Kamuthi, in Tamil Nadu. The entire project spans a vast area of 2,500 acres, equivalent to about 950 olympic-sized football fields. The project was completed within a record eight months by nearly 2,800 dedicated personnel who worked day and night to set this up 216 MW_{ac} clean energy project. The Kamuthi plant is now fully operational and connected with the 400 kV substation of Tantransco, powering 90,000 homes in a sustainable manner. The project will lead to emission reductions to the tune of 8.65 million tCO₂e during the life of the project.

Key Facts

Standard
VCS

Project ID
1768

Methodology
ACM0002

Location
Tamil Nadu, India

Technology
Solar PV

Expected Annual Credits
346,116

Focus Areas

- Education
- Sustainable Livelihood
- Community Health
- Rural Infrastructure

Development Initiatives & Impacts



Employment

- The project has led to permanent employment for 285 persons for various O&M activities from villages nearby the project site.

Education

- To encourage children to attend school, 850 school bags and water bottles were distributed as a part of Project 'Muskaan'.
- Industry visit for 1,000 students of various reputed colleges were organised at the site wherein they got knowledge on Solar Energy harvesting system and its benefit for the environment.
- Awareness programmes to popularise preventive measures for Dengue were held with a vision to create a healthier society at Sengapaddai village. The rally was carried out by Sengapaddai School children and employees as children are the best messengers to carry the message to their parents, family and other community members.
- Safety awareness and drawing competition programmes were conducted for Sengapaddai & Pudukottai Govt. School children during National Safety week celebrations.



Community Health Benefits

- Facilitating community health initiatives for the rural and remote populace in Kamuthi, Tamil Nadu, health camps under Project 'Ahas - Doctor on Wheels' are conducted at regular intervals. Around 926 villagers, including adults and children from 12 villages, have been given free of cost treatment and medicine under these medical camps.
- Mega Medical Camp organised for villagers, children, adults, pregnant women and lactating mothers at Pudukottai Panchayat Office to provide basic treatment and general check-up.
- 6 Community toilets were also constructed at Pudukottai village to prevent people around the area to use open space, ultimately benefiting the environment under the 'Swachh Bharat Abhiyan' led by the Govt. of India.



Rural Infrastructure

- Approach road to the Kovilankulam Primary Health Centre was constructed.
- A shed was constructed at Sengapaddai Elementary School building for school children. Around 200 children of elementary school got benefitted from sun and rain.

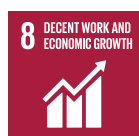


Environment

- A total of 92 Solar lamp posts, installed under Project 'Prakasham' at a remote town of Kamuthi, Tamil Nadu, now gives hope for a 'brighter future'. These lamp posts have been installed at schools, bus stops, and other places of public services.
- Pond digging was done for the purpose to Water Harvesting for future usage in surrounding villages of Thathakulam, Sengapaddai and Pudukottai.
- Plantation drives were carried in areas surrounding the solar plant.

Social Initiatives

- Tamil Nadu is the southern state of India which is supremely rich in culture & heritage. Known to be one of the oldest civilisations in the world, the people of Tamil Nadu belong to the prestigious Dravidian family. Tamilians also, like other south Indians, take much pride in their rooted culture and make great efforts to protect their 2000 years old history.
- To strengthen the cultural bonding, various cultural events are organized at school around the plant location near Madurai. National Flag Day is organised at plant inviting local people around the plant followed by various activities i.e. sport activity, cultural activity, drama playing. Prizes are distributed to winners & sweet distribution to all who gathered at the location. We believe that these kind of activities increase the bondage among localities.



ph +91 96441 30430
email jimmy@infisolutions.org
skype jimmy.sah
web www.infisolutions.org