



BUNDLED SOLAR POWER PROJECT BY VECTOR GREEN ENERGY PRIVATE LIMITED



Document Prepared By EKI Energy Services Limited

Project Title	Bundled Solar Power Project by Vector Green Energy Private Limited
Project ID	1770
Project Start Date	28-June-2016
SD Contributions Reporting Period	23-December-2019 to 01-April-2021 (Inclusive of both the dates)
Date of Issue	16-December-2023
Prepared By	EKI Energy Services Limited
Contact	EnKing Embassy, Office No. 201, Plot 48, Scheme 78, Part 2, Vijay Nagar, Near brilliant Convention Centre, Indore- 452010, Madhya Pradesh, India Website: www.enkingint.org T: +91 731 42 89 086

1 SUMMARY OF SUSTAINABLE DEVELOPMENT CONTRIBUTIONS

The project activity involves total capacity of 105 MW solar power project, which is installed in Chittoor district, Andhra Pradesh state of India and Mahabubnagar and Vikarabad District, Telengana sate of India. The solar project has been developed by Winsol Solar Fields (polepally) Pvt Ltd & Hindupur Solar Park Pvt Ltd.

The project supplies clean electricity from the solar power project to the Indian Grid, hence displacing the electricity generated from grid connected fossil fuel power plants and thereby avoiding the equivalent Carbon dioxide which is a green house gas.

For SDG-7, Winsol Solar Fields (polepally) Pvt Ltd & Hindupur Solar Park Pvt Ltd. generate electricity from solar energy sources that ensures supply of electricity sources from clean energy sources at affordable rate. In this monitoring period, Winsol Solar Fields (polepally) Pvt Ltd & Hindupur Solar Park Pvt Ltd. has supplied 234,844 MWh clean electricity. The MR of the project for this monitoring period acts as the supporting evidence of this.

For SDG- 13, Winsol Solar Fields (polepally) Pvt Ltd & Hindupur Solar Park Pvt Ltd are committed to work for mitigation of climate change by generating electricity using clean energy sources. In this monitoring period, Winsol Solar Fields (polepally) Pvt Ltd & Hindupur Solar Park Pvt Ltd have achieved GHG emission reductions of 226,692 tCO₂e. The MR of the project for this monitoring period acts as the supporting evidence of this.

2 PROJECT CONTRIBUTIONS

Table 1 : Sustainable Development Contributions

Row number	SDG Target	SDG Indicator	Net Impact on SDG Indicator	Current Project Contributions	Contributions Over Project Lifetime
------------	------------	---------------	-----------------------------	-------------------------------	-------------------------------------

1)	7.2	7.2.1 Renewable energy share in the total final energy consumption	Implemented activities to increase	In this monitoring period, this project has supplied 234,844 MWh clean electricity by using solar energy resources	The annual estimated clean energy generation from the project activity over its entire lifetime is 536,006 MWh.
2)	13.0	Tonnes of greenhouse gas emissions avoided or removed	Implemented activities to increase	By supplying 234,844 MWh clean electricity to Indian grid, the project avoided release of 226,692 tCO ₂ in to the atmosphere during the reporting period.	Prevented the release of 517,402 tCO ₂ e into the atmosphere. Electricity generation from clean energy (solar energy) resources leads to low greenhouse gases emission along with supplying affordable, clean electricity.

APPENDIX 1: SUPPORTING EVIDENCE

1. Supporting evidences for the clean energy produced and supplied to the indian grid (SDG-7) can be referred from: <https://registry.verra.org/app/projectDetail/VCS/1770>
2. Supporting evidences for the tonnes of greenhouse gas emissions avoided or removed (SDG-13) can be referred from: <https://registry.verra.org/app/projectDetail/VCS/1770>