



BUNDLED SOLAR POWER PROJECT BY MAHINDRA SUSTEN PRIVATE LIMITED



Document Prepared By EKI Energy Services Limited

Project Title	Bundled Solar Power Project by Mahindra Susten Private Limited
Project ID	1767
Project Start Date	29-June-2016
SD Contributions Reporting Period	29-June-2016 to 23-May-2018 (Inclusive of both the dates)
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1 SUMMARY OF SUSTAINABLE DEVELOPMENT CONTRIBUTIONS

The main purpose of this project activity is to generate clean form of electricity through renewable solar energy source. The project is a bundled project activity which involves installation of 205 MW solar project in different states of India through SPVs.

Over the 10 years of first crediting period, the project will replace anthropogenic emissions of greenhouse gases (GHG's) estimated to be approximately 329,360 tCO_{2e} per year, thereon displacing 341,202 MWh/year amount of electricity from the generation-mix of power plants connected to the Indian grid, which is mainly dominated by thermal/fossil fuel based power plant. The details of the SPVs for the project and their location of installation are mentioned in the table below:-

Name of SPVs	Capacity	COD	Connection with Grid	State	Usage
Cleansolar Renewable Energy Private Limited	30 MW	29-June-2016	Indian Grid	Telangana	Sale to State Discom
Divine Solren Private Limited	50 MW	22-July-2017	Indian Grid	Telangana	Sale to State Discom
Astra Solren Private Limited	40 MW	31-March-2017	Indian Grid	Gujarat	Sale to State Discom
	25 MW	23-May-2017	Indian Grid	Gujarat	Sale to State Discom
Mahindra Susten Private Limited	60 MW	31-March-2017	Indian Grid	Rajasthan	Sale to State Discom

For SDG-7, MAHINDRA SUSTEN PRIVATE LIMITED has produced 480,370.42 MWh of clean energy and supplied it to indian grid. The evidence for the same is provided in Appendix-1.

For SDG-13, MAHINDRA SUSTEN PRIVATE LIMITED has Prevented the release of 463,699 tCO_{2e} into the atmosphere during the reporting period. The evidence for the same is provided in Appendix-1.

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	About 480,370.42 MWh renewable electricity has supplied to Indian grid during the reported period that helps to increase the renewable energy share in the energy mix.	Overall 480,370.42 renewable electricity has supplied to Indian grid throughout the project lifetime that helps to increase the renewable energy share in the energy mix. The overall and the current contributions are same as this is the first verification.
2)	13.0	Total greenhouse gas emissions per year	Implemented activities to increase	By supplying 480,370.42 MWh clean electricity (generated through Solar PV) to Indian grid, the project avoided release of 463,699 tCO ₂ e in to the atmosphere during the reporting period..	Overall prevented the release of 463,699 tCO ₂ e into the atmosphere since project commissioning. The overall and the current contributions are same as this is the first verification.

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/1767>
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/1767>