



SOLAR POWER PROJECT BY MYTRAH ENERGY INDIA PRIVATE LIMITED



Document Prepared By EKI Energy Services Limited

Project Title	Solar Power Project by Mytrah Energy India Private Limited
Project ID	1784
Project Start Date	19-June-2017
SD Contributions Reporting Period	01-April-2020 to 31-May-2021 (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 372 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 638,520 tCO_{2e} per year, thereon displacing 681,607 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:-

Sl. No	Name of SPVs	Capacity (MW)	COD	Site	Connection with Grid	State	Usage
1	Mytrah Abhinav Power Pvt Ltd	8 MW	30-June-2017	Thimajipet	Indian Grid	Telangana	Sale to State Discom
		8 MW	19-July-2017	Arvapally			
		15 MW	05-December-2017	Domakonda			
		11 MW	19-August-2017	Alampur			
		15 MW	21-August-2017	Gadwal			
		15 MW	02-March-2018	Tandur			
		15 MW	27-Februray-2018	Nagarkurnool			
2	Mytrah Adarsh Power Pvt Ltd	15 MW	05-December-2017	Reddypet	Indian Grid	Telangana	Sale to State Discom
		15 MW	22-November-2017	Chegunta			
		15 MW	23-October-2017	Thunkibollaram			
		15 MW	08-November-2017	Tungathurthy			
		15 MW	25-September-2017	Guntipally			
		15 MW	23-May-2018	Shanigaram			

3	Mytrah Agriya Power Pvt Ltd	50 MW	25 MW on 22-November-2018	Kamareddy	Indian Grid	Telangana	Sale to State Discom
			25 MW on 26-November-2018				
4	Mytrah Akaash Power Pvt Ltd	50 MW	12.5 MW on 16-March-2018	K.M.Pally	Indian Grid	Telangana	Sale to State Discom
			17.5 MW on 12-April-2018				
			20 MW on 22-November-2018				
5	Mytrah Aadhya Power Pvt Ltd	25 MW	19-June-2017	Bareta	Indian Grid	Punjab	Sale to State Discom
		25 MW	19-June-2017	Balran		Punjab	
6	Mytrah Advait Power Pvt Ltd	15 MW	09-February-2018	Hunagund	Indian Grid	Karnataka	Sale to State Discom
		15 MW	08-February-2018	Sindagi			
7	Mytrah Akshaya Energy Pvt Ltd	15 MW	23-January-2018	Raibagh	Indian Grid	Karnataka	Sale to State Discom

For SDG-7, MYTHRAH ENERGY INDIA PRIVATE LIMITED has produced 786,331 MWh of clean energy and supplied it to indian grid . The evidence for the same is provided in Appendix-1.

For SDG-13, MYTHRAH ENERGY INDIA PRIVATE LIMITEDhas Prevented the release of 736,377 tCO₂e 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 786,331 MWh renewable electricity has supplied to Indian grid during the reported period that helps to increase the renewable energy share in the energy mix.	About 2,032,646.71 (595,937.14+650,378.57+786,331) MWh renewable electricity has supplied to Indian grid that helps to increase the renewable energy share in the energy mix.
2)	13.0	Tonnes of greenhouse gas emissions avoided or removed	Implemented activities to increase	By supplying 786,331 MWh clean electricity to Indian grid, the project avoided release of 736,377 tCO₂ in to the atmosphere during the reporting period.	Prevented the release of 1,903,300 (557,667+609,256+736,377) tCO₂e into the atmosphere.

APPENDIX 1: SUPPORTING EVIDENCE

- Supporting evidences for the clean energy produced and supplied to the indian grid (SDG-7) can be reffered from: <https://registry.terra.org/app/projectDetail/VCS/1784>
- Supporting evidences for the tonnes of greenhouse gas emissions avoided or removed (SDG-13) can be reffered from: <https://registry.terra.org/app/projectDetail/VCS/1784>