



100 MW SOLAR PROJECT IN BHADLA IN RAJASTHAN

Project Title	<i>100 MW Solar Project In Bhadla In Rajasthan</i>
Project ID	<i>VCS ID 1842</i>
Project Start Date	<i>16-Sep-2018</i>
SD Contributions Reporting Period	<i>01-Oct-2020 to 31-Aug-2021</i>
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1. SUMMARY OF SUSTAINABLE DEVELOPMENT CONTRIBUTIONS

The project involves installation of 100 MW_{AC} solar power project in Bhadla, Rajasthan, India. The main purpose is to generate clean electricity through solar energy & to supply electricity to the Indian grid system via Power Purchase Agreement (PPA) with Solar Energy Corporation of India (SECI).

The project activity has been commissioned in two phases-

Project Investors Name	Commissioning Date	Total capacity in MW _{AC}	Location
Clean Sustainable Energy Pvt. Ltd.	16/09/2018 (1st Phase) 06/10/2018 (2nd Phase)	(50 MW + 50 MW) = 100 MW	Village : <u>Bhadla</u> District: Jodhpur

Figure 1: Project Commissioning Details

The solar power does not involve any fossil fuel consumption and hence the project does not lead to any greenhouse gas emissions. The total GHG emission reductions or removals generated in this monitoring period are **206,113 tCO_{2e}**.

2. PROJECT CONTRIBUTIONS

The project's quantifiable contributions to specific targets and indicators of the Sustainable Development Goals (SDGs) for the SD contributions reporting period is detailed in following table. The official list of SDG Targets and Indicators provided by VERRA is used to identify the SDG Targets to which the project has contributed. Evidence for each contribution is identified in Appendix 1 below.

Table 1 : Sustainable Development Contributions

Row number	SDG Target	SDG Indicator	Net Impact on SDG Indicator	Current Project Contributions	Contributions Over Project Lifetime
1)	3.8	3.8.1 Coverage of essential health services	Implemented activities to increase	Due to the Covid-19 pandemic, no further changes this monitoring period.	<p>The project aims to provide basic health services to the needy and old age people of the society.</p> <p>In Jan 2019, under blanket distribution program for needy and old age people, blankets were distributed to 1,500 beneficiaries in the society.</p>
2)	4.3	Number of hours of training provided to employees	Implemented activities to increase	From Oct 2020-March 2021, 469.5 hours of training per year per employee was conducted for management level 8 and above. 203.5 hours of training per year per employee was conducted for permanent female employees. 2 hours of training was conducted for temporary /contractual employees. These figures are for Avaada Group.	In FY 20-21, 705.5 hours of training per employee was conducted for management level 8 and above. 263.5 hours of training per employee was conducted for permanent female employees. 4 hours of training was conducted for temporary /contractual employees. These figures are for Avaada Group.

3)	4A	4A. Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, nonviolent, inclusive and effective learning environments for all	Implemented activities to increase	Due to the Covid-19 pandemic, no further changes this monitoring period.	<p>The project aims to implement quality education through the support of teaching learning materials, e-learning classroom set up, smart board, laptop support etc.</p> <p>302 students benefitted by activities implemented for Up gradation of basic infra facility in government schools & teaching learning playing materials support in Oct 2018. Teaching materials were also distributed among 450 students on International Girl child day for the promotion of Girl's education.</p>
4)	7.2	Renewable energy produced	Implemented activities to increase	Total RE generation in this monitoring period is 220,009 MWh .	The cumulative RE generation till now is 660,591 MWh .
5)	8.6	Number of jobs created for youth	Implemented activities to increase	8 Graduate Engineer trainees and 1 Post Graduate Engineer trainee were hired during the monitoring period by Avaada Group.	From April 2020 till Aug 2021, 10 Graduate Engineer trainees, 1 Management Trainee and 1 Post Graduate Engineer trainee were hired by Avaada Group.
6)	8.8	Number of fatal and non-fatal injuries	Implemented activities to decrease	There have been no fatal and non-fatal occupational accidents in FY 20-21	There have been no fatal and non-fatal occupational accidents in FY 20-21. Training sessions are held for workers periodically.
7)	13.0	Tonnes of greenhouse gas emissions avoided or removed	Implemented activities to increase	Total GHG emission reductions or removals generated in this monitoring period are 206,113 tCO_{2e} .	The cumulative GHG emission reduction or removals achieved till now are 618,866 tCO_{2e} .

APPENDIX 1: SUPPORTING EVIDENCE

Evidence for SDG contribution listed above is provided below:

1. Photo evidence for SDG 4A: Up-gradation of Education facility (Oct 2018))

