3.5 MW SMALL HYDRO PROJECT IN HIMACHAL PRADESH

Document Prepared By EKI Energy Services Limited

Project Title	3.5 MW Small Hydro Project In Himachal Pradesh
Project ID	2033
Project Start Date	23-February-2018
SD Contributions Reporting Period	23-February-2018 to 31-October-2019 (Inclusive of both the dates)
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1 SUMMARY OF SUSTAINABLE DEVELOPMENT CONTRIBUTIONS

The project activity involves generation of 3.5 MW hydro power by utilizing naturally available potential energy of water in the Sarwari nullah (tributary of river Beas) / Riavi river located in Kullu and Chamba district respectively in the state of Himachal Pradesh.

The project supplies clean electricity from the hydro 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, Gaur Hydro Power Pvt. Ltd contributed towards SDG-7 i.e Affordable and clean energy by setting up of 3.5 MW hydro power project. The evidence for the same is provided in Appendix-1.

For SDG-13, through the installation of the project activity , the release of carbon emissions to the atmosphere has been prevented thus contributing towards a clean climate. 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 18,494.12 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 18,494.12 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 18,494.12 MWh clean electricity to Indian grid, the project avoided release of 16,876 tCO_2 in to the atmosphere during the reporting period.	Prevented the release of 16,876 tCO_2 into the atmosphere.

APPENDIX 1: SUPPORTING EVIDENCE

1. Supporting evidence for amount of clean energy generated from the project (SDG-7) can be reffered from: https://registry.verra.org/app/projectDetail/VCS/2033

2. Supporting evidences for the tonnes of greenhouse gas emissions avoided or removed (SDG-13) can be reffered from: https://registry.verra.org/app/projectDetail/VCS/2033