



## 24.45 MW BIOMASS BASED PROJECT IN PUNJAB






Document Prepared by Infinite Solutions

<b>Project Title</b>	24.45 MW Biomass based project in Punjab
<b>Project ID</b>	1920
<b>Project Start Date</b>	15/09/2017
<b>SD Contributions Reporting Period</b>	15-Sept-2017 to 31-Dec-2020 (Inclusive of both the dates)
<b>Date of Issue</b>	17/10/2021
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# 1 SUMMARY OF SUSTAINABLE DEVELOPMENT CONTRIBUTIONS

The project activity is located in Satia Industries Limited (SIL), one of the mills in India. It is situated in Village Rupana, District - Muktsar, State – Punjab. The project is a biomass utilization project that is to use rice husk for electricity generation. The project was a cogeneration unit with one 125 TPH (50 TPH + 75 TPH) biomass-based boiler and a 24.45 (10.45 + 14) MW turbine generator (TG). The generated steam and electricity are being used to meet the captive demand of paper plant.

The project activity involves the installation of **24.45 MW Biomass based project in Punjab**

Sr. No	SDG's	Contribution
1		The PP has supported Govt School (Government Senior Secondary School) in the project area to improve the following infrastructure facility.
2		About <b>512,107 MWh</b> renewable electricity has been supplied to the Indian grid during the reported monitoring period that helps to increase the renewable energy share in the energy mix.
3		By supplying <b>512,107 MWh</b> clean electricity to Indian grid, the project avoided release of <b>157,174 tCO2</b> into the atmosphere during the reporting period.

## 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)	4.a	Proportion of schools offering basic services, by type of service	Implemented activities to increase	<p>The PP has supported Govt School (Government Senior Secondary School) and DAV Public School in the project area to improve the following infrastructure facility: -</p> <ol style="list-style-type: none"> <li>1. Construction of rooms &amp; other infrastructure.</li> <li>2. Solar Plant installation at DAV School, Kotakpura, Muktsar, Punjab.</li> </ol> <p>Please refer Appendix 1 for supporting documents.</p> <p>2 schools and around 2300 students benefited from this CSR activities.</p>	<p>Total 2 schools and around 2300 students from these Govt School &amp; DAV School at Muktsar village have got benefitted.</p> <p>Please refer Appendix 1 for supporting documents.</p>
2)	7.2	7.2.1: Renewable energy share in total final energy consumption	Implemented activities to increase	<p>About <b>512,107 MWh</b> gross quantity of renewable electricity has supplied to Indian grid during the reported period that helps to increase the renewable energy share in the energy mix.</p>	<p>Since commissioning <b>512,107 MWh</b> renewable electricity has supplied to Indian grid that helps to increase the renewable energy share in the energy mix</p> <p>Please refer Appendix 1 for supporting documents.</p>

3)	13.0	Tonnes of greenhouse gas emissions avoided or removed	Implemented activities to increase	By generating <b>512,107 MWh</b> renewable electricity the project has avoided emission of <b>157,174 tCO<sub>2</sub></b> in the atmosphere.	Since commissioning the project has avoided emission of <b>157,174 tCO<sub>2</sub></b> in the atmosphere.
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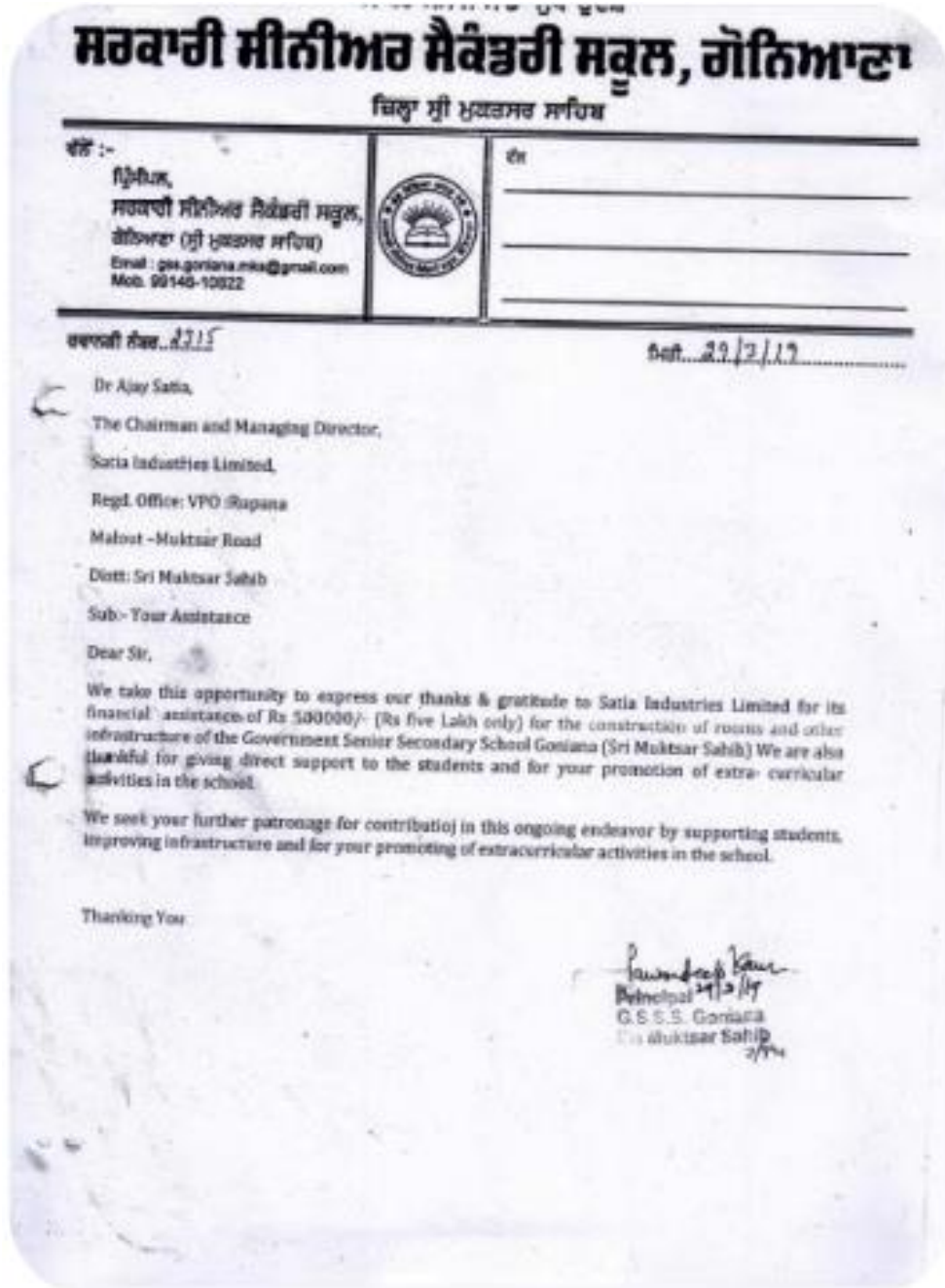
# APPENDIX 1: SUPPORTING EVIDENCE

1. For SDG 4.a:

Supporting photographs: -  
Solar Plant Installations (50 KW): -



Supporting Evidence – Construction of Room & other facilities in Govt School:





# D.A.V. PUBLIC SCHOOL

Kotkapura Road, SRI MUKTSAR SAHIB-152026 (Pb.)  
(Affiliated to C.B.S.E., New Delhi) Aff No. 1630249 School No. 20245

Mob. 90410-41598, 98882-41598  
E-mail : davsmuk@gmail.com  
Website : www.davschoolmuktsar.com

Ref. No.....

Dated..... 15-04-2019

To  
Hon'ble Dr. Ajay Satia ji  
Chairman and Managing Director  
Satia Industries Limited  
VPO Rupana, Malout Road  
Sri Muktsar Sahib

**Subject: Installation of Solar Panels**

Respected Sir

We are very thankful to M/s Satia Industries Limited for its installation of 50 KW Solar Panels at DAV Public School premises. This would not only help the students and school with better access to electricity but also promote the source of renewable energy.

We look forward to your continuous support in development and support to school and its students for their better future.

Thanking you



2. **For SDG 7.2** : About **512,107 MWh** renewable electricity has supplied to Indian grid during the reported period that helps to increase the renewable energy share in the energy mix.

**Supporting documents:** -

Please refer VCS Monitoring Report and Verification Report:

1. VCS Monitoring Report 01st Oct 2021
2. VCS Verification Report 01st Oct 2021

Project web link - <https://registry.terra.org/app/projectDetail/VCS/1920>

3. **For SDG 13** : By supplying **512,107 MWh** clean electricity to Indian grid, the project avoided release of **157,174 tCO<sub>2e</sub>**. into the atmosphere during the reporting period.

**Supporting documents:** -

Please refer VCS Monitoring Report and Verification Report:

1. VCS Monitoring Report 01st Oct 2021
2. VCS Verification Report 01st Oct 2021

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