



# RENEWABLE POWER PROJECT BY ANIMALA WIND POWER PRIVATE LIMITED



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Document Prepared By Infinite Solutions

<b>Project Title</b>	Renewable Power Project by Animala Wind Power Private Limited
<b>Project ID</b>	1787
<b>Project Start Date</b>	30-March-2017
<b>SD Contributions Reporting Period</b>	04-October 2019 to 31-October -2020 (Inclusive of both days)
<b>Date of Issue</b>	02-June-2023
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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 wind energy sources. The project activity involves installation of 84 MW wind power project in Andhra Pradesh state of India.

The details of the project and their location of installation are mentioned in the table below: -

Name of Investor	Capacity in MW	COD	Connection with Grid	State	Usage
Animala Wind Power Private Limited	84 MW	30-March-2017	Indian Grid	Andhra Pradesh	Sale to State DISCOM

Sr. No	SDGs	Project contribution
1		Conducted a medical health & eye check-up camp for the nearby villages. More than 357 villagers got benefitted from Medical Camp. <b>Men-168</b> Benefitted <b>Women-189</b> Benefitted
2		About <b>142,781 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		Greenko has initiated a customized training program for their engineers and plant operators. The No of trainings organized during monitoring period is <b>26</b> .
4		By supplying <b>142,781 MWh</b> clean electricity to Indian grid, the project avoided release of <b>135,284 tCO2</b> in to the atmosphere during the reporting period.

Project activity not only contributing to the global issue of GHG reduction but the project led to various CSR projects as well focussing on the needs of the stakeholders as part of its Corporate Social Responsibility (CSR) outreach programs. Based on the discussions of various stakeholders' various campaigns and programs have been carried out in the local area as follows;

- Education
- Community Health Benefits
- Environment Protection

**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 decrease	Conducted a medical health & eye check-up camp for the nearby villages.  Medicines Distributed (Tablets & Syrups) - 2482  No. of Persons diagnosed for Diabetes -301  Spectacles Distributed - 110  Cataract Identified - 28  Men - 168  Women - 189  Total - 357 benefitted  Please refer Appendix 1 for supporting documents.	Total 2,454 (2,097 before this monitoring period and 357 during the current monitoring period) villagers got benefitted of Medical Camp.

2)	7.2	7.2.1: Renewable energy share in the total final energy consumption	Implemented activities to increase	During the current monitoring period the project activity generated 142,781 MWh, renewable electricity has supplied to Indian grid to increase the renewable energy share in the energy mix.	Since commissioning, about 566,988.9 MWh (189,856.2+234,351.7+142,781) renewable electricity has supplied to Indian grid that helps to increase the renewable energy share in the energy mix
3)	8.6	8.6.1 Proportion of youth (aged 15-24 years) not in education, employment or training	Implemented activities to decrease	<p>Greenko has initiated a customized training program for their engineers and plant operators.</p> <p>The No of training organized during the monitoring period is 26.</p> <p>They are different Operation &amp; Maintenance trainings organized, which can be helpful to Project activity employees (age&lt;24).</p> <p>The young youth has been trained by different trainings during the monitoring period.</p> <p>Please refer Appendix 1 for supporting documents.</p>	No of trainings since commissioning is 126 (100 trainings before this monitoring period and 26 trainings during the current monitoring period).
4)	13.0	Tonnes of greenhouse gas emissions avoided or removed	Implemented activities to increase	By supplying 142,781 MWh clean electricity to Indian grid, the project avoided release of 135,284 tCO <sub>2</sub> in to the atmosphere during the reporting period.	Since commissioning the project has avoided emission of 537,220 (179,889+222,047+135,284) tCO <sub>2</sub> e in the atmosphere.

# APPENDIX 1: SUPPORTING EVIDENCE

## 1. Supporting Evidence for medical health & Eye check-up checkup (For SDG 3):



Greenko Group committed towards the ensuring a healthy life and promote wellbeing to the nearby villages. Hence, Greenko group realising how people in the rural areas severely lacked the capacity to get the treatment they needed, a General Health and Eye Camp was conducted at the Community Hall of Payasampalli Village by M/s Animala Wind Power Private Limited on dated 28/01/2020. A three-member professional team including a General Physician and a Male Nurse working for the Mobile Clinic of Rayala Cluster and one Optometrist have provided their services for this camp. The following information below shows the beneficiaries information in different areas:

Beneficiaries Covered			Medicines Distributed (Tablets & Syrups)	No. of Persons diagnosed for Diabetes	Spectacles Distributed	Cataract Identified
Total	Men	Women				
357	168	189	2482	301	110	28

## 2. Supporting Evidence for SDG 7

7.2: About 142,781 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 document: -

Please refer VCS Monitoring report and Verification Report:

1. VCS Monitoring Report Version 3.0 dated 15/04/2021
2. VCS Verification Report Version 3.0 dated 17/04/2021

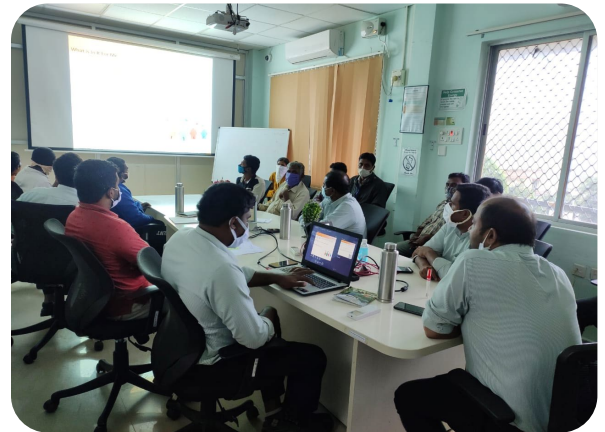
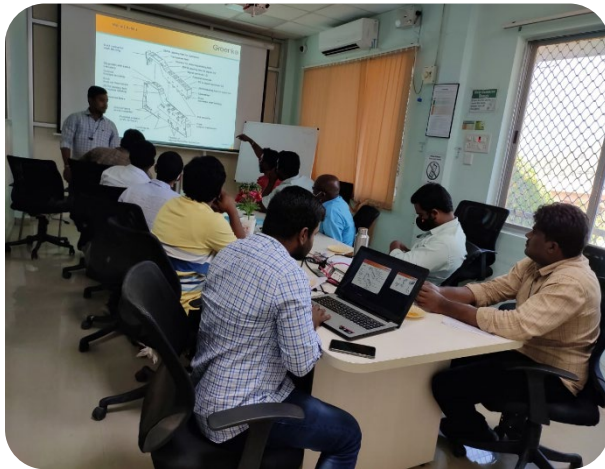
VCS project webpage - <https://registry.terra.org/app/projectDetail/VCS/1787>

## 3) Supporting Evidence for Training Programme (For SDG 8):

S.no	Training	No of Attendees	Date
1	Advance testing techniques and maintenance	14	16/10/2019
2	CT & PT Functions and operations	8	30/11/2019
3	Testing of PSS Components	8	07/11/2019
4	Gearbox	18	18/12/2019
5	Gamesa Dry Type Transformer	7	21/12/2019
6	Scheme checking and training	7	11/01/2020
7	Bus bar protection	7	28/12/2019
8	PE & F Gamesa, odules	12	25/01/2020
9	Flexible AC transmission system	6	18/01/2020
10	Gamesa Basic control system	6	08/02/2020
11	Functions and logics of sensors	6	18/01/2020
12	SOP of WTG Maintenance	8	23/05/2020
13	Maintenance and conditional monitoring	9	18/06/2020
14	Transformer fire protection system	8	11/07/2020
15	WTG yaw system	7	22/07/2020
16	WTG error management	8	29/08/2020

17	Conditional monitoring	8	21/08/2020
18	WTG Blade	7	18/09/2020
19	WTG models	10	31/10/2020
20	Functions and logics on WTG sensors	10	26/09/2020
21	Substation blades and its protocol	7	07/11/2020
22	Scheme diagram	10	21/11/2020
23	MIS system	9	21/11/2020
24	power quality analysis	6	11/11/2020
25	Gamesa WTG AC system	7	12/12/2020
26	Thermography importance	7	23/05/2020

**Supporting sample Photograph for trainings: -**



**Sample Attendance Sheet for trainings: -**

**Greenko** GREENKO INTEGRATED MANAGEMENT SYSTEM  
TRAINING ATTENDANCE

Topic: Functions & Roles of Services.  
Date(s): 18/01/2020 Duration: 02 Hours  
Venue: Animela Conference Room.

S.No.	Name of the Employee	Empl. Code	Designation	Plant / Department	Signature
1	S. Hazarega Reddy	20111	DET	AUSPT/TEAM	S. Hazarega
2	K. Anand Kumar	20098	Officer	AUSPT/TEAM	K. Anand Kumar
3	P. Srinivasan	10901	Asst	AUSPT/TEAM	P. Srinivasan
4	P. Srinivasan Reddy	20062	Supervisor	AUSPT/TEAM	P. Srinivasan
5	P. Srinivasan Reddy	10904	Asst	AUSPT/TEAM	P. Srinivasan
6	S. Hazarega Reddy	20024	Technician	AUSPT/TEAM	S. Hazarega

Trainer: [Signature]  
Training Co-ordinator: [Signature]

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**Greenko** GREENKO INTEGRATED MANAGEMENT SYSTEM  
TRAINING ATTENDANCE

Topic: Granava Basic Control System  
Date(s): 20-2-2020 Duration: [Blank]  
Venue: Conference Hall.

S.No.	Name of the Employee	Empl. Code	Designation	Plant / Department	Signature
1	V. Venkatesh Reddy	10900	Asst	AUSPT/TEAM	V. Venkatesh
2	P. Srinivasan	10901	Asst	AUSPT/TEAM	P. Srinivasan
3	G. Appalaraju	20172	Asst	AUSPT/TEAM	G. Appalaraju
4	P. Srinivasan Reddy	20062	Supervisor	AUSPT/TEAM	P. Srinivasan
5	K. Anand Kumar	20098	Officer	AUSPT/TEAM	K. Anand Kumar
6	S. Hazarega Reddy	20024	Technician	AUSPT/TEAM	S. Hazarega

Trainer: [Signature]  
Training Co-ordinator: [Signature]

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**Greenko** GREENKO INTEGRATED MANAGEMENT SYSTEM  
TRAINING ATTENDANCE

Topic: Flexible AC Transmission System  
Date(s): 18/01/2020 Duration: 02 Hours  
Venue: Animela Conference Room

S.No.	Name of the Employee	Empl. Code	Designation	Plant / Department	Signature
1	P. Srinivasan Reddy	21060	Asst	AUSPT/TEAM	P. Srinivasan
2	S. Hazarega Reddy	20024	Technician	AUSPT/TEAM	S. Hazarega
3	P. Srinivasan	10901	Asst	AUSPT/TEAM	P. Srinivasan
4	G. Appalaraju	20172	Asst	AUSPT/TEAM	G. Appalaraju
5	K. Anand Kumar	20098	Officer	AUSPT/TEAM	K. Anand Kumar
6	S. Hazarega Reddy	20024	DET	AUSPT/TEAM	S. Hazarega

Trainer: [Signature]  
Training Co-ordinator: [Signature]

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**Greenko** GREENKO INTEGRATED MANAGEMENT SYSTEM  
TRAINING ATTENDANCE

Topic: DEFF Granava Modules.  
Date(s): 25-1-2020 Duration: 03:00 Hrs.  
Venue: Conference Hall.

S.No.	Name of the Employee	Empl. Code	Designation	Plant / Department	Signature
1	P. Srinivasan Kumar	10005	Officer	AUSPT/TEAM	P. Srinivasan
2	V. Venkatesh Reddy	10900	Asst	AUSPT/TEAM	V. Venkatesh
3	G. Appalaraju	20172	Asst	AUSPT/TEAM	G. Appalaraju
4	S. Hazarega Reddy	20024	DET	AUSPT/TEAM	S. Hazarega
5	K. Anand Kumar	20098	Officer	AUSPT/TEAM	K. Anand Kumar
6	P. Srinivasan	10901	Asst	AUSPT/TEAM	P. Srinivasan
7	G. Appalaraju	20172	Asst	AUSPT/TEAM	G. Appalaraju
8	K. Anand Kumar	20098	Officer	AUSPT/TEAM	K. Anand Kumar
9	P. Srinivasan Reddy	20062	Supervisor	AUSPT/TEAM	P. Srinivasan
10	P. Srinivasan Reddy	20062	Supervisor	AUSPT/TEAM	P. Srinivasan
11	P. Srinivasan Reddy	20062	Supervisor	AUSPT/TEAM	P. Srinivasan
12	P. Srinivasan Reddy	20062	Supervisor	AUSPT/TEAM	P. Srinivasan

Trainer: [Signature]  
Training Co-ordinator: [Signature]

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#### 4. Supporting Evidence for SDG 13

**13.0:** By supplying 142,781 MWh clean electricity to Indian grid, the project avoided release of 135,284 tCO<sub>2</sub>e in to the atmosphere during the reporting period.

**Supporting document: -**

Please refer VCS Monitoring report and Verification Report:

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