



SOLAR AND WIND POWER PROJECT BY NTPC LIMITED






INFINITE
SOLUTIONS

Document Prepared by Infinite Solutions

Project Title	Solar and Wind Power Project by NTPC Limited
Project ID	1772
Project Start Date	10/08/2016
SD Contributions Reporting Period	01/07/ 2018 to 30/09/2020 (Both days included)
Date of Issue	16/12/2022
Prepared By	Infinite Solutions
Contact	214-215 Milinda Manor, Opp. Next Treasure Island, 2 RNT Marg, Indore – 452001. Landline No.: 0731-4050174 Email: jimmy@infisolutions.org Website: www.infisolutions.org

1 SUMMARY OF SUSTAINABLE DEVELOPMENT CONTRIBUTIONS

The main purpose of this project activity is to generate clean form of electricity through renewable solar and wind energy sources. The project activity involves installation of 50 MW solar project in Anantapur district of Andhra Pradesh, 260 MW solar project in Bhadla of Rajasthan, 250 MW solar project in Mandsaur district of Madhya Pradesh and a 50 MW wind power project in Gujarat state of India.

Sr. No	SDGs	Project Contribution
1	 SDG 7: AFFORDABLE AND CLEAN ENERGY	About 2,164,760 MWh 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.
2	 SDG 8: DECENT WORK AND ECONOMIC GROWTH	The project activity has created employment opportunities during this reported monitoring period. In total, 353 peoples were employed by the project activity.
3	 SDG 13: CLIMATE ACTION	By supplying 2,164,760 MWh clean electricity to Indian grid, the project avoided release of 2,089,638 tCO_{2e} . into the atmosphere during the reporting monitoring 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)	7.2.1	Renewable energy share in total final energy consumption	Implemented activities to increase	About 2,164,760 MWh renewable electricity has supplied to Indian grid during the reported period that helps to increase the renewable energy share in the energy mix.	Since commissioning 3,288,769 MWh renewable electricity has supplied to Indian grid that helps to increase the renewable energy share in the energy mix Please refer appendix 1 for supporting documents.
2)	8.0	Number of people employed	Implemented activities to increase	Preference is given to Local & nearby population for carry-out O&M Services. The number of people employed by project activity are as follows: 1. NTPC Bhadla – 120 2. NTPC Mandsaur - 233 Total: 353 people employed.	Since commissioning, the project activity has employed 701 people during the current monitoring period. Please refer appendix 1 for supporting documents.
3)	13.0	Tonnes of greenhouse gas emissions avoided or removed	Implemented activities to increase	By generating 2,164,760 MWh renewable electricity the project has avoided emission of 2,089,638 tCO₂ in the atmosphere.	Since commissioning the project has avoided emission of 3,174,643 tCO₂ in the atmosphere. Please refer appendix 1 for supporting documents.

APPENDIX 1: SUPPORTING EVIDENCE

1. For SDG 7.2 : About **2,164,760 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 Joint PD & MR and VCS VAL & VER: -

- VCS joint PD & MR Version 2.0 dated 23/08/2018
- Verification report dated 23/08/2018

Project web link - <https://registry.verra.org/app/projectDetail/VCS/1772>

2. For SDG 8.5 : The project activity has created employment opportunities during this reported monitoring period. In total, **353 peoples** were employed by the project activity in Bhadla and Mandasaur site of NTPC.

S. No.	Designation	Employment Type	No. of Employment	
			NTPC Bhadla	NTPC Mandasaur
1	Driver	Contractual	4	8
2	Helper	Contractual	12	17
3	Technician	Contractual	12	47
4	Operation and Maintenance	Contractual	12	27
		Permanent	12	16
5	Security Guard	Contractual	60	105
6	Site Incharge	Permanent	4	5
7	Site Engineer	Permanent	4	8
Total			120	233

For the same, declaration is also attached on the PP's letterhead mentioning that all these people who are employed in this reported monitoring period didn't have any job experience earlier and all are freshly employed.



एन टी पी सी लिमिटेड
 भारत सरकार का उद्यम
NTPC Limited
 A Govt. of India Enterprise
 (Formerly National Thermal Power Corporation Ltd.)

केन्द्रीय कार्यालय/Corporate Centre, Noida

TO WHOMSOEVER IT MAY CONCERN

Date: 14/11/2022

This declaration is in reference to VCS Project activity i.e. **“Solar and Wind Power Project by NTPC Limited (VCS ID: 1772)”**. The project activity generates electricity through renewable solar and wind energy sources. The project activity involves installation of solar & wind power projects. The total installed capacity of the solar & wind project is 610 MW.

NTPC Limited hereby declares that: -

The Project Activity provides 353 employments to local and nearby population during the monitoring period 01/07/2018 to 30/09/2020 (Both dates Inclusive). It is noticed that all the employees have been freshly employed. Details of the employment provided by Project Activity: -

S. No.	Designation	Employment Type	No. of Employment	
			NTPC Bhadla	NTPC Mandsaur
1	Driver	Contractual	4	8
2	Helper	Contractual	12	17
3	Technician	Contractual	12	47
4	Operation and Maintenance	Contractual	12	27
		Permanent	12	16
5	Security Guard	Contractual	60	105
6	Site Incharge	Permanent	4	5
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Total			120	233

For NTPC Limited

Kapil Meena

Digitally signed by Kapil Meena
 DN: cn=Kapil Meena, c=IN, o=NTPC, ou=ECC Noida, email=kapil.meena@ntpc.co.in
 Date: 2022.11.14 13:04:11 +05'30'

KAPIL MEENA
MANAGER (RE-ENGG)

3. For SDG 13 : By supplying **2,164,760 MWh** clean electricity to Indian grid, the project avoided release of **2,089,638 tCO₂e**. into the atmosphere during the reporting period.

Supporting documents: -

Please refer VCS Joint PD & MR and VCS VAL & VER: -

- VCS joint PD & MR Version 2.0 dated 23/08/2018
- Verification report dated 23/08/2018

Project web link - <https://registry.terra.org/app/projectDetail/VCS/1772>