



RENEWABLE SOLAR POWER PROJECT BY RENEW SOLAR POWER PRIVATE LIMITED



Document Prepared by ReNew Power Private Limited

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PROJECT DETAILS

1.1 Summary Description of the Implementation Status of the Project

The main purpose of this project activity is to generate clean form of electricity through renewable solar energy sources. The project activity involves total capacity of 927 MW solar power project which are installed in Gujarat, Karnataka, Madhya Pradesh, Rajasthan and Telangana states of India. The solar projects have been developed by the SPVs of ReNew Solar Power Private Limited.

All the SPVs are of ReNew Solar Power Private Limited. The project is promoted by ReNew Solar Power Private Limited.

Total emission reductions achieved in this monitoring period:

During the Current Monitoring Period from 01-February-2025 to 31-May-2025 (First and last date included) the project activity has supplied 673,398.24 MWh of electricity and thus contributing to the GHG reductions 638,028 tCO₂e (Round down value).

The project started operation on 13-February-2017 and it is still in running condition. In the current monitoring period, no major breakdown/shutdown of plant happened which could have had an impact on emission reduction.

1.2 Audit History

Audit type	Period	Program	Validation/verification body name	Number of years
Joint Validation and Verification	13-February-2017 – 25-October-2018	VCS	LGAI Technological Center, S.A. (Applus+ Certification)	2 years 8 months
Verification	26-October-2018 – 24-December-2019	VCS	Earthood Services Limited	1 year 2 months
Verification	25-December-2019 – 25-May-2021	VCS	TÜV SÜD South Asia Pvt. Ltd	1 year 5 months
Verification	26-May-2021 – 31-December-2021	VCS	LGAI Technological Center, S.A.(Applus+ Certification)	7 months
Verification	01-January-2022 – 30-June-2022	VCS	LGAI Technological Center, S.A.(Applus+ Certification)	6 months
Verification	01-July-2022 – 31-December-2022	VCS	Earthood Services Limited	6 months

Verification	01-January-2023 – 31-March-2023	VCS	Earthood Services Limited	3 months
Verification	01-April-2023 – 30-June-2023	VCS	Earthood Services Limited	3 months
Verification	01-July-2023 – 30-September-2023	VCS	Earthood Services Limited	3 months
Verification	01-October-2023 – 31-December-2023	VCS	Earthood Services Limited	3 months
Verification	01-January-2024 – 31-March-2024	VCS	Earthood Services Limited	3 months
Verification	01-April-2024 – 31-January-2025	VCS	Earthood Services Limited	10 months
Verification	1-February-2025 to 31-May-2025	VCS	Earthood Services Limited	4 months
Total	13-February-2017 – 31-January-2025			8 years 03 months

1.3 Sectoral Scope and Project Type

Sectoral scope ¹	01 - Energy industries (renewable / non-renewable sources)
Project activity type	Type I - Renewable Energy Projects

Complete the table below with information relevant for AFOLU projects:

Sectoral scope	NA
AFOLU project category ²	NA
Project activity type	NA

1.4 Project Proponent

Organization name	Renew Solar Power Private Limited
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¹ Projects, activities, or methodologies may be developed under any of the 16 VCS sectoral scopes: <https://verra.org/programs/verified-carbon-standard/vcs-program-details/#sectoral-scopes>

² See Appendix 1 of the VCS Standard

Contact person	Mr. Abhishek Anjan
Title	PP Representative
Address	ReNew Hub, Commercial Block-1, Zone 6, Golf Course Road, DLF City, Phase-V, Gurugram- 122009, Haryana
Telephone	-
Email	abhishek.anjan@renew.com

1.5 Other Entities Involved in the Project

Organization name	NA
Role in the project	NA
Contact person	NA
Title	NA
Address	NA
Telephone	NA
Email	NA

1.6 Project Start Date

Project start date	13-February-2017
Justification	Start date of the project activity is the earliest date of interconnection with the grid i.e.,13-February-2017 which is the date of commissioning of 24 MW solar project activity by Renew Mega Solar Power Private Limited.

1.7 Project Crediting Period

Crediting period	☐ Seven years, twice renewable ☐ Ten years, fixed ☒ Other (state the selected crediting period and justify how it conforms with the VCS Program requirements) The project activity adopts renewable crediting period of 10 years period which can be renewed for maximum 2 times according to
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	VCS Standard version 3.7. that was applicable at the time of registration of the project activity.
Start and end date of first or fixed crediting period	13-February-2017 to 12-February-2027

1.8 Project Location

The location of all the 26 SPVs are mentioned in the table below:

Name of SPVs	Capacity (MW)	Village(s)	Tehsil / Mandal	District	State
Bhumi Prakash Private Limited	20 MW	Hirebudur	Deodurga	Raichur	Karnataka
Renew Wind Energy (MP Four) Private Limited	20 MW	Chincholi	Chincholi	Kalaburagi	
Renew Agni Power Private Limited	20 MW	Upparhosahalli	Siruguppa	Ballari	
Renew Wind Energy (Karnataka 3) Private Limited	20 MW	Ladha	Bhalki	Bidar	
Tarun Kiran Bhoomi Private Limited	20 MW	Gola (B)	Aland	Kalaburagi	
Renew Wind Energy (Karnataka 4) Private Limited	20 MW	Nirna	Humnabad	Bidar	
Renew Wind Energy (Budh 3) Private Limited	20 MW	Santhpur near Eklara	Aurad	Bidar	
Renew Wind Energy (Budh 3) Private Limited	20 MW	Nirna	Humnabad	Bidar	
Renew Wind Energy (Budh 3) Private Limited	20 MW	Wadagere & Aikur	Shahapur	Yadagir	
Renew Wind Energy (Maharashtra) Private Limited	20 MW	Saidapur & Malhar	Yadagir	Yadagir	
Renew Wind Energy (Rajasthan Four) Private Limited	20 MW	Gundikaval	Turuvekere	Tumkur	
Renew Wind Energy (MP Three) Private Limited	20 MW	Kattige	Honnali	Davangere	

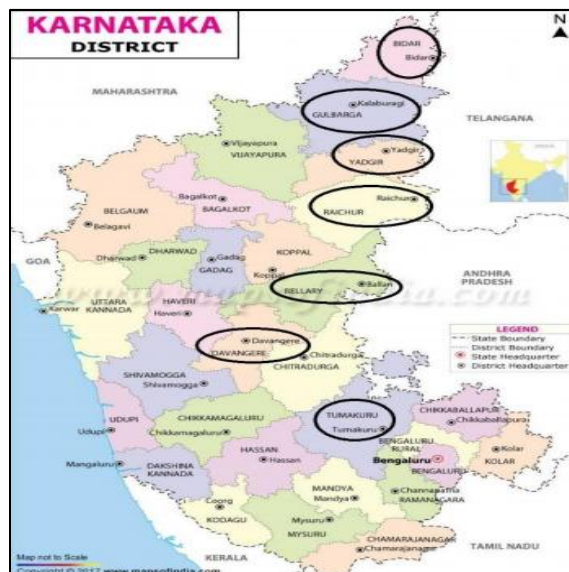
Renew Saur Urja Private Limited	50 MW	Thalekhan	Lingasugur	Raichur	
Renew Wind Energy (TN2) Private Limited	50 MW	Thirumani, Rayacherlu, Vallur, Balasamudra, Kyataganacherlu	Nagalamadike Hobli, Pavagada	Tumkur	
Renew Solar Energy (Karnataka Two) Private Limited	40 MW	Charanka	Santalpur	Patan	Gujarat
Renew Clean Energy Private Limited	51 MW	Bhensarwas	Shadora	Ashok Nagar	Madhya Pradesh
Aalok Solarfarms Limited	10 MW	Badisid	Bap	Jodhpur	Rajasthan
Abha Solarfarms Limited	10 MW	Badisid	Bap	Jodhpur	
Heramba Renewables Limited	20 MW	Hanawat Nagar	Bap	Jodhpur	
Shreyas Solarfarms Limited	20 MW	Khetusar Nagar	Bap	Jodhpur	
ReNew Solar Energy (Telangana) Private Limited	143 MW	Dichipalli	Sadasivanagar	Nizamabad	Telangana
Renew Mega Solar Power Pvt Limited	48 MW	Andugulapet	Mandamarri	Adilabad	
Renew Saur Shakti Private Limited	30 MW	Mulkanoor	Bheemdevarapally	Karimnagar	
Renew Saur Shakti Private Limited	65 MW	Minpur	-	Medak	
Renew Wind Energy (TN2) Private Limited	100 MW	Gudibanda	Addakal	Mahabubnagar	
Prathamesh Solarfarms Limited	50 MW	Dodaguntapally	Peddamandadi	Wanaparthi	

The Geo-coordinates of the project site is mentioned below:

Name of SPVs	Capacity (MW)	Latitude	Longitude
Bhumi Prakash Private Limited	20 MW	16.3° N	76.8° E
Renew Wind Energy (MP Four) Private Limited	20 MW	17.4° N	77.4° E
Renew Agni Power Private Limited	20 MW	15.5° N	76.9° E
Renew Wind Energy (Karnataka 3) Private Limited	20 MW	18° 0'5.81"N	77° 18'32.57"E
Tarun Kiran Bhoomi Private Limited	20 MW	17.4° N	76.7° E
Renew Wind Energy (Karnataka 4) Private Limited	20 MW	17.7° N	77.3° E
Renew Wind Energy (Budh 3) Private Limited	20 MW	18° 11'47.91"N	77° 26'46.34"E

Renew Wind Energy (Budh 3) Private Limited	20 MW	17.75° N	77.35° E
Renew Wind Energy (Budh 3) Private Limited	20 MW	16.6° N	77.0° E
Renew Wind Energy (Maharashtra) Private Limited	20 MW	16.6° N	77.3° E
Renew Wind Energy (Rajasthan Four) Private Limited	20 MW	13.2° N	76.8° E
Renew Wind Energy (MP Three) Private Limited	20 MW	14.3° N	75.6° E
Renew Saur Urja Private Limited	50 MW	15° 53' 53" N	76° 33' 26" E
Renew Wind Energy (TN2) Private Limited	50 MW	14.237 N	77.486 E
Renew Solar Energy (Karnataka Two) Private Limited	40 MW	23° 54' 56.45" N	71° 12' 4.79" E
Renew Clean Energy Private Limited	51 MW	24.03117° N	76.667943° E
Aalok Solarfarms Limited	10 MW	27.4° N	72.4° E
Abha Solarfarms Limited	10 MW	27.4° N	72.4° E
Heramba Renewables Limited	20 MW	27.4° N	72.1° E
Shreyas Solarfarms Limited	20 MW	27.3° N	71.9° E
ReNew Solar Energy (Telangana) Private Limited	143 MW	N 18.6°	E 78.3°
Renew Mega Solar Power Pvt Limited	48 MW	N 18.985290°	E 79.446397°
Renew Saur Shakti Private Limited	30 MW	18.1° N	79.4° E
Renew Saur Shakti Private Limited	65 MW	17° 57.951' N	78° 03.968' E
Renew Wind Energy (TN2) Private Limited	100 MW	16.6° N	77.9° E
Prathamesh Solarfarms Limited	50 MW	16° 25' 12" N	78° 4' 40.80" E

Karnataka Site:



Gujarat Site:





1.9 Title and Reference of Methodology

Type (methodology, tool or module).	Reference ID, if applicable	Title	Version
Methodology	ACM0002	Grid-connected electricity generation from renewable sources ³	19.0
Tool	Tool 07	Tool to calculate the emission factor for an electricity system ⁴	07.0
Tool	Tool 01	Tool for the demonstration and assessment of additionality ⁵	07.0.0

1.10 Double Counting and Participation under Other GHG Programs

1.10.1 No Double Issuance

Is the project receiving or seeking credit for reductions and removals from a project activity under another GHG program?

☐ Yes ☒ No

If yes, provide required evidence of no double issuance as outlined by the VCS Standard.

³ <https://cdm.unfccc.int/UserManagement/FileStorage/58IAGB7SZUDEO2VN6LYM30K41HFPRQ>

⁴ <https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-07-v7.0.pdf>

⁵ <https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-01-v7.0.0.pdf>

1.10.2 Registration in Other GHG Programs

Was the project registered or seeking registration under any other GHG programs?

☐ Yes ☒ No

If yes, provide the registration number and all relevant details including the date of project inactivity in the other GHG program.⁶

1.11 Double Claiming, Other Forms of Credit, and Scope 3 Emissions

1.11.1 No Double Claiming with Emissions Trading Programs or Binding Emission Limits

Are project reductions and removals or project activities also included in an emissions trading program or binding emission limit? See the *VCS Program Definitions* for definitions of emissions trading program and binding emission limit.

☐ Yes ☒ No

If yes, provide all required evidence of no double claiming as outlined by the VCS Standard.

1.11.2 No Double Claiming with Other Forms of Environmental Credit

Has the project activity sought, received, or is planning to receive credit from another GHG-related environmental credit system? See the *VCS Program Definitions* for definition of GHG-related environmental credit system.

☐ Yes ☒ No

If yes, provide all required evidence of no double claiming as outlined by the VCS Standard.

1.11.3 Supply Chain (Scope 3) Emissions

Do the project activities affect the emissions footprint of any product(s) (goods or services) that are part of a supply chain?

☐ Yes ☒ No

If yes:

Is the project proponent(s) or authorized representative a buyer or seller of the product(s) (goods or services) that are part of a supply chain?

☐ Yes ☒ No

If yes:

⁶ The requirement to provide the date of project inactivity only applies to projects which request registration or crediting period renewal under the VCS Program on or after 1 January 2025.

Has the project proponent(s) or authorized representative posted a public statement on their website saying, “Carbon credits may be issued through the Verified Carbon Standard project [project ID] for the greenhouse gas emission reductions or removals associated with [project proponent or authorized representative organization name(s)] [name of product(s) whose emissions footprint is changed by the project activities].”

☐ Yes

☒ No

If yes to all:

Provide evidence of the public statement. Evidence must be provided in this section or in an appendix.

1.12 Sustainable Development Contributions

Contribution to sustainable development:

The Ministry of Environment, Forest and Climate Change, has stipulated economic, social, environment and technological well-being as the four indicators of sustainable development. The project contributes to sustainable development using the following ways.

Social well-being: The project helps in generating employment opportunities during the construction and operation phases. The project activity leads to development in infrastructure in the region like development of roads and also may promote business with improved power generation.

Economic well-being: The project is a clean technological investment in the region, which would not have taken place in the absence of the VCS benefits. The project activity helps to reduce the supply demand gap in the state.

Technological well-being: The successful operation of project activity leads to the promotion of solar power generation and encourages other entrepreneurs to participate in similar projects

Environmental well-being: Solar being a renewable source of energy, it reduces the dependence on fossil fuels and conserves natural resources which are on the verge of depletion. Due to its zero emissions, the Project activity also helps in avoiding significant amount of GHG emission.

Table 1: Sustainable Development Contributions

Row number	SDG target	SDG indicator	Net impact on SDG indicator	Current project contributions	Contributions over project lifetime
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1	7.2	7.2.1 - By 2030, increase substantially the share of renewable energy in the global energy mix	Implemented activities to increase	673,398.24 MWh	14,114,857.26 MWh (2,087,787.68 MWh + 2,147,933.02 MWh + 2,633,174.90 MWh + 996,714.89 MWh + 997,326.64 MWh + 830,342.84 MWh + 516,308.01 MWh + 519,156.70 MWh + 390,829.52 MWh + 435,300.66 MWh + 479,302.53 MWh + 1,407,281.64 MWh + 673,398.24 MWh)
2	13.2	13.2.2- Integrate climate change measures into national policies, strategies and planning	Implemented activities to decrease	638,028 tCO ₂ e	13,379,715 tCO ₂ e (1,984,034 tCO ₂ e + 2,034,985 tCO ₂ e + 2,496,897 tCO ₂ e + 944,387 tCO ₂ e + 944,966 tCO ₂ e + 786,749 tCO ₂ e + 489,201 tCO ₂ e + 491,900 tCO ₂ e + 370,310 tCO ₂ e + 412,447 tCO ₂ e + 454,139 tCO ₂ e + 1,331,672 tCO ₂ e + 638,028 tCO ₂ e)
3	8.5	8.5 by 2030 achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value	Implemented activities to decrease unemployment rate	Number of additional Employment Opportunities created: 7	The project leads to overall 35 (7 + 28) employment opportunities for the life time of the project ⁷

⁷ As per the new mandate the paragraph 3.17.1 of the VCS Standard v4.7 states that, the project proponent shall demonstrate that a project contributes to at least three SDGs by the end of the first monitoring period, and in each subsequent monitoring period. Since, this Mandate was updated recently so the SDG contribution for the current periodic verification (01-February-2025 to 31-May-2025) and previous periodic verification (01-April-2024 to 31-January-2025) are considered and mentioned as the SDG contribution over the project lifetime for the SDG 8.

1.13 Commercially Sensitive Information

Not applicable. No commercially sensitive information has been excluded from the public version of the project description. There is no commercially sensitive information.

2 SAFEGUARDS AND STAKEHOLDER ENGAGEMENT

2.1 Stakeholder Engagement and Consultation

2.1.1 Stakeholder Identification

Since none of the stakeholders have been changed since validation and all the identified stakeholders were involved and no new group of stakeholders are to be included for this ongoing verification. Therefore, this section is not applicable.

Stakeholder Identification	Not Applicable
Legal or customary tenure/access rights	Not Applicable
Stakeholder diversity and changes over time	Not Applicable
Expected changes in well-being	Not Applicable
Location of stakeholders	Not Applicable
Location of resources	Not Applicable.

2.1.2 Stakeholder Consultation and Ongoing Communication

Ongoing consultation	The process of local stakeholder consultation is continuous. During the current monitoring period, the project proponent has kept grievance register in plant site office and sought comments/grievances/suggestions from local stakeholders including local community, government agencies and NGOs.
Date(s) of stakeholder consultation	Refer Appendix 3

Communication of monitored results	The monitoring results are communicated from the concerned individuals (stakeholders) to PP, through the grievance register. The site officials acknowledge and address the comments, suggestions, or grievances submitted by stakeholders, resolving issues as needed.
Consultation records	Registers is used to records the grievances and feedback. Grievance register is placed at the site office and is accessible to everyone.
Stakeholder input	As a part of continuous feedback from stakeholders, the PP also placed a grievance register onsite wherein the stakeholders can put down their complaints and the same, if found genuine, are addressed immediately. However, during the current monitoring period, no comments or feedbacks were received.

2.1.3 Free, Prior, and Informed Consent

Consent	The project secured consent through inclusive community consultations, involving Indigenous Peoples (IPs), Local Communities (LCs), and NGOs. Extensive engagement, transparent information sharing, and acknowledgment of customary rights were key. Continuous monitoring and evaluation demonstrate the commitment to transparency and positive community outcomes. The absence of ongoing conflicts reflects the project's success in aligning with stakeholder interests and maintaining a harmonious relationship with the community.
Outcome of FPIC	The Free, Prior, and Informed Consent (FPIC) process for the project resulted in a positive outcome. Transparent agreements were reached with Indigenous Peoples (IPs), Local Communities (LCs), and NGOs. Information disclosed included project details, potential impacts, and benefits, ensuring stakeholders' understanding. Assurance is provided that the project adheres to ethical standards - no encroachment on existing land occurred, and no forced physical or economic displacement took place. The project utilized unused, greenfield land, and the absence of relocation signifies the commitment to responsible and sustainable development practices.

2.1.4 Grievance Redress Procedure

The stakeholders are also requested to share their experiences and grievances on continuous basis. Register is used to records the grievances and feedback. Grievance register is placed at the site office and is accessible to everyone. During the current monitoring period, positive feedbacks had been received regarding site operation. No grievances were received during the current monitoring period; therefore, no any mitigation measures were required. In case of grievances, the nature of probable resolution is discussed with the plant head office and implemented by the site in-charge.

Grievances received	Resolution and outcome
NA	NA

2.1.5 Public Comments

The details of the Local Stakeholders' Meeting are provided in Appendix 3. There was no negative feedback from any of the stakeholders who attended the meeting. They in fact supported the initiative taken by the project proponent for carrying out such an activity in the region. Hence, there is no need to take due account of the comments.

Summary of comments received	Actions taken
NA	NA

2.2 Risks to Stakeholders and the Environment

2.2.1 Management Experience

The project showcases management expertise in renewable energy initiatives and effective community engagement. With a proven track record, the team emphasizes transparent communication, relationship-building, and culturally sensitive approaches. Strategic partnerships are forged to fill expertise gaps, and a dynamic recruitment strategy is in place for skill diversification. Additionally, other similar project activities like VCS 1404⁸ and VCS 1045⁹ are also implemented under Verra and other reputable crediting programs, ensuring compliance with established environmental standards and enhancing the project's credibility and impact.

2.2.2 Risk assessment

	Risk identified	Mitigation or preventative measure(s) taken
Natural and human-induced risks to stakeholders' wellbeing	No natural and human-induced risks to stakeholders' wellbeing	The project's sustainable design, which focuses on clean energy technologies such as, helps mitigate climate-related risks and fosters a healthier local

⁸ <https://registry.verra.org/app/projectDetail/VCS/1404>

⁹ <https://registry.verra.org/app/projectDetail/VCS/1045>

		environment. Through grievance mechanism, the project ensures that any concerns are addressed, and the well-being of all the stakeholders is safeguarded.
Risks to stakeholder participation	No risk to stakeholder participation is anticipated	There are no exclusions, lack of communication or barriers in the project activity, that might prevent stakeholders from engaging or participating.
Working conditions	No risk identified	There are no risks related to working conditions of the employees in the project activity, due to comprehensive safety training programs for the workers/employees.
Safety of women and girls	No risk identified	The project activity has no negative impact over the safety of women and girls. Also, the safety concerns of the women and girls are addressed through the interactions with the stakeholders and resolved as per requirement. Moreover, the project strictly adheres to the laws for the women and girls, demonstrating the commitment to address any threat related to the safety of the women/girls of the project location.
Safety of minority and marginalized groups, including children	No risk identified	No threats to the safety of minority and marginalized groups, including children have been identified. The PP duly diligently follows the legal and human rights of the children, minorities and marginalized groups, and hence, the project poses no negative effects on them.
Pollutants (air, noise, discharges to water, generation of waste, and release of hazardous materials and chemical	No risk identified	There is no risk due to generation of pollutants (noise, discharges to water, generation of waste, and release of hazardous materials), due to project activity. The waste generated due to maintenance activity is handled by the site team and is ensured there is no risk of

pesticides and fertilizers)		leakage. The project rather improves air quality by preventing fossil fuel burns and mitigates climate change by producing electricity from a clean source of energy, i.e., solar energy.
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2.3 Respect for Human Rights and Equity

2.3.1 Labor and Work

	Risks identified ¹⁰	Mitigation or preventative measure(s) taken
Discrimination	No Risk identified	PP shall oblige to create a workplace free of sexual harassment and no discrimination as per local law and same will be demonstrated during validation assessment process.
Sexual harassment	No Risk identified	
Gender equity in labor and work	No Risk identified	
Forced labor	No Risk identified	Project activity does not and will not use victims of human trafficking, forced labor, and child labor. This will be demonstrated by the project proponent during validation assessment process.
Child labor	No Risk identified	
Human trafficking	No Risk identified	

2.3.2 Human Rights

The following demonstrations show how the project is committed to safeguard the rights of IPs, LCs, and customary right holders, while following the international human rights law, the UNDRIP and ILO Convention 169-

- Free, Prior, and Informed Consent (FPIC): The project activity has obtained the FPIC from the local stakeholders including the IPs, LCs and customary right holders, ensuring their unforced consent before the project operation, respecting their right to make decisions.
- Non-discriminatory Participation in the Project Activity- The project activity involves the installation of solar devices without cultural or social biases, safeguarding the rights of IPs, LCs, and customary rights holders to be free from discrimination.

¹⁰ The identified risks and commensurate mitigation or preventative measure(s) for forced labor, child labor, and human trafficking, must be inclusive of staff and contracted workers employed by third parties.

- Employment due to the Project Activity- The project activity also leads to the employment from the IPs, LCs and customary right holders, enabling them to exercise their right to fair treatment in employment and salary.

Risks identified	Mitigation or preventative measure(s) taken
No risks identified	Preventive measures detailed above are taken,

2.3.3 Indigenous Peoples and Cultural Heritage

Risks identified	Mitigation(s) or preventative measure taken
No risks identified	The project activity has been developed and executed with careful consideration of the surrounding environment, including both tangible and intangible cultural heritage, as well as the rights of indigenous communities. The project has been designed in such a manner that it does not have any adverse impact on cultural heritage sites or on the traditions and practices of local indigenous populations.

2.3.4 Property Rights

Risks identified	Mitigation or preventative measure(s) taken
No risks identified	The land / property for the project activity belongs to the project proponent. Additionally, the project activity has obtained the free, prior and informed consent of the stakeholders (including the IPs, LCs, and customary rights holders). This ensures that their lands are property rights are protected and respected.

2.3.5 Benefit Sharing

Summary of the benefit sharing plan	Section 2.3.4 is applicable however, property/ land belongs to the PP
1Benefit sharing during the monitoring period	N/A

2.4 Ecosystem Health

Risk identified		Mitigation or preventative measure(s) taken during the monitoring period
Impacts on biodiversity and ecosystems	No risk identified	This project activity doesn't result in adverse effects; instead, it positively impacts on the biodiversity and ecosystem by decreasing air pollution and mitigating climate change.
Soil degradation and soil erosion	No risk identified	This project activity keeps check of the soil degradation and soil erosion by periodic monitoring.
Water consumption and stress	Using excessive water can be wasteful	The project activity uses water-efficient technology to prevent the wastage of water. Some of the project sites use robotic cleaning systems that are water-efficient, minimizing wastage of water, and sites without robotic cleaning opt for a low-flow cleaning method like a mister or brush with minimal rinsing.

2.4.1 Rare, Threatened, and Endangered species

Species or habitat	The project activity has not adversely impacted habitats for rare, threatened, or endangered species during the monitoring period. No species were removed or harmed due to the project activity.
Areas needed for habitat connectivity	The project activity has not adversely impacted areas needed for habitat connectivity during the monitoring period.

Risks identified		Mitigation or preventative measure(s) taken
Habitats for rare, threatened, and endangered species	No risk identified	The project activity has not adversely impacted habitats for rare, threatened and endangered species during the monitoring period.

Areas for habitat connectivity	No risk identified	The project activity has not adversely impacted areas needed for habitat connectivity during the monitoring period.
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2.4.2 Introduction of species

Species introduced	Classification	Justification for use	Adverse effects and mitigation
N/A	N/A	N/A	N/A

Existing invasive species	Mitigation measures to prevent the spread or continued existence of invasive species
N/A	N/A

	Risks identified	Mitigation or preventative measure(s) taken
Invasive species	N/A	N/A

2.4.3 Ecosystem conversion

Since, the project activity is neither ARR, ALM, WRC nor ACoGS, hence this information is not applicable.

	Risks identified	Mitigation or preventative measure(s) taken
Ecosystem conversion	N/A	N/A

3 IMPLEMENTATION STATUS

3.1 Implementation Status of the Project Activity

The project activity involves the installation of a solar project. The total installed capacity of the project is 927 MW Solar projects located at Gujarat, Karnataka, Madhya Pradesh, Rajasthan and Telangana states in India. The project is promoted by ReNew Solar Power Private Limited.

The Project activity is a new facility (Greenfield) and the electricity generated by the project is exported to the Indian electricity grid. The project therefore displaces an equivalent amount of electricity which would have otherwise been generated by fossil fuel dominant electricity grid.

During the Current Monitoring Period, all the solar plants were operational and the project activity has supplied 673,398.24 MWh of electricity and thus contributing to the GHG reductions 638,028 tCO₂e (Round down value).

The technical details of the project activity are provided below.

The technical specification for 20 MW solar project by Bhumi Prakash Private Limited at Karnataka.

Sl. No.	Technical details of the equipment ¹¹	Description
1	Modules capacity and No. of Module	325 Wp – 19,440 Modules, 320 Wp – 51,240 Modules
2	Number of Inverters & Capacity	20 Inverters Capacity- 1 MW
3	Number of Transformers & Capacity	5 transformers of 4 MVA 1 transformer of 15/20 MVA

The technical specification for 20 MW solar project by Renew Wind Energy (MP Four) Private Limited at Karnataka.

Sl. No.	Technical details of the equipment ¹²	Description
1	Modules capacity and No. of Module	320 Wp – 71,904 Modules,
2	Number of Inverters & Capacity	20 Inverters Capacity- 1 MW
3	Number of Transformers & Capacity	5 transformers of 4 MVA 1 transformer of 16/20 MVA

The technical specification for 20 MW solar project by Renew Agni Power Private Limited at Karnataka.

Sl. No.	Technical details of the equipment ¹³	Description
1	Modules capacity and No. of Module	325 Wp – 31,037 Modules, 320 Wp – 31,181 Modules, 315 Wp – 7,542 Modules
2	Number of Inverters & Capacity	465 Inverters Capacity- 0.043 MW
3	Number of Transformers & Capacity	5 transformers of 4 MVA 1 transformer of 16/20 MVA

The technical specification for 20 MW solar project by Renew Wind Energy (Karnataka 3) Private Limited at Karnataka.

¹¹ It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 20 MW.

¹² It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 20 MW.

¹³ It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 20 MW.

Sl. No.	Technical details of the equipment ¹⁴	Description
1	Modules capacity and No. of Module	325 Wp – 24,119 Modules, 320 Wp – 39,889 Modules, 315 Wp – 6,888 Modules
2	Number of Inverters & Capacity	20 Inverters Capacity- 1 MW
3	Number of Transformers & Capacity	5 transformers of 4 MVA 1 transformer of 16/20 MVA

The technical specification for 20 MW solar project by Tarun Kiran Bhoomi Private Limited at Karnataka.

Sl. No.	Technical details of the equipment ¹⁵	Description
1	Modules capacity and No. of Module	320 Wp – 64,785 Modules, 315 Wp – 7,542 Modules
2	Number of Inverters & Capacity	8 Inverters Capacity- 2.5 MW
3	Number of Transformers & Capacity	4 transformers of 4 MVA 1 transformer of 16/20 MVA

The technical specification for 20 MW solar project by Renew Wind Energy (Karnataka 4) Private Limited at Karnataka.

Sl. No.	Technical details of the equipment ¹⁶	Description
1	Modules capacity and No. of Module	325 Wp – 10,764 Modules, 320 Wp – 53,879 Modules, 315 Wp – 7,000 Modules
2	Number of Inverters & Capacity	20 Inverters Capacity- 1 MW
3	Number of Transformers & Capacity	5 transformers of 4 MVA 1 transformer of 16/20 MVA

The technical specification for 20 MW solar project by Renew Wind Energy (Budh 3) Private Limited at Eklara site in Karnataka.

Sl. No.	Technical details of the equipment ¹⁷	Description
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¹⁴ It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 20 MW.

¹⁵ It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 20 MW.

¹⁶ It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 20 MW.

¹⁷ It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 20 MW.

1	Modules capacity and No. of Module	330 Wp – 11,540 Modules, 325 Wp – 62,780 Modules, 320 Wp – 8,680 Modules
2	Number of Inverters & Capacity	8 Inverters Capacity- 2.52 MW
3	Number of Transformers & Capacity	5 transformers of 4 MVA 1 transformer of 16/20 MVA

The technical specification for 20 MW solar project by Renew Wind Energy (Budh 3) Private Limited at Nirna site in Karnataka.

Sl. No.	Technical details of the equipment ¹⁸	Description
1	Modules capacity and No. of Module	330 Wp – 5,565 Modules, 325 Wp – 68,162 Modules, 320 Wp – 53 Modules
2	Number of Inverters & Capacity	8 Inverters Capacity- 2.52 MW
3	Number of Transformers & Capacity	4 transformers of 5 MVA 1 transformer of 15/20 MVA

The technical specification for 20 MW solar project by Renew Wind Energy (Budh 3) Private Limited at Wadagere site in Karnataka.

Sl. No.	Technical details of the equipment ¹⁹	Description
1	Modules capacity and No. of Module	330 Wp – 18,850 Modules, 325 Wp – 47,950 Modules, 320 Wp – 5,040 Modules
2	Number of Inverters & Capacity	30 Inverters Capacity- 0.68 MW
3	Number of Transformers & Capacity	4 transformers of 5 MVA 1 transformer of 15/20 MVA

The technical specification for 20 MW solar project by Renew Wind Energy (Maharashtra) Private Limited at Karnataka

Sl. No.	Technical details of the equipment ²⁰	Description
1	Modules capacity and No. of Module	325 Wp – 24,990 Modules, 320 Wp – 44,856 Modules, 315 Wp – 5,040 Modules

¹⁸ It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 20 MW.

¹⁹ It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 20 MW.

²⁰ It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 20 MW.

2	Number of Inverters & Capacity	30 Inverters Capacity- 0.68 MW
3	Number of Transformers & Capacity	5 transformers of 4 MVA 1 transformer of 15/20 MVA

The technical specification for 20 MW solar project by Renew Wind Energy (Rajasthan Four) Private Limited at Karnataka.

Sl. No.	Technical details of the equipment ²¹	Description
1	Modules capacity and No. of Module	340 Wp – 44 Modules, 325 Wp – 21,554 Modules, 320 Wp – 52,560 Modules 315 Wp – 285 Modules, 310 Wp – 149 Modules,
2	Number of Inverters & Capacity	20 Inverters Capacity- 1 MW
3	Number of Transformers & Capacity	5 transformers of 4 MVA 1 transformer of 16/20 MVA

The technical specification for 20 MW solar project by Renew Wind Energy (MP Three) Private Limited at Karnataka.

Sl. No.	Technical details of the equipment ²²	Description
1	Modules capacity and No. of Module	330 Wp – 23,310 Modules, 325 Wp – 48,384 Modules, 320 Wp – 1,848 Modules
2	Number of Inverters & Capacity	20 Inverters Capacity- 1 MW
3	Number of Transformers & Capacity	5 transformers of 4 MVA 1 transformer of 15/20 MVA

The technical specification for 50 MW solar project by Renew Saur Urja Private Limited at Karnataka.

Sl. No.	Technical details of the equipment ²³	Description
1	Modules capacity and No. of Module	325 Wp – 33,537 Modules, 320 Wp – 140,406 Modules,

²¹It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 20 MW.

²²It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 20 MW.

²³It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 50 MW.

		315 Wp – 13,104 Modules
2	Number of Inverters & Capacity	23 Inverters of 1 MW 24 Inverters of 1.125 MW
3	Number of Transformers & Capacity	6 transformers of 4.5 MVA 5 transformers of 4 MVA 1 transformer of 3 MVA 2 transformers of 20/25 MVA

The technical specification for 50 MW solar project by Renew Wind Energy (TN2) Private Limited at Karnataka.

Sl. No.	Technical details of the equipment ²⁴	Description
1	Modules capacity and No. of Module	345 Wp – 27,030 Modules, 340 Wp – 28,710 Modules, 330 Wp – 14,180 Modules 325 Wp – 63,064 Modules, 320 Wp – 49,400 Modules
2	Number of Inverters & Capacity	20 Inverters of 2.5 MW
3	Number of Transformers & Capacity	10 transformers of 5 MVA 2 transformers of 20/25 MVA

The technical specification for 40 MW solar project by Renew Solar Energy (Karnataka Two) Private Limited at Gujarat.

Sl. No.	Technical details of the equipment ²⁵	Description
1	Modules capacity and No. of Module	325 Wp – 22,208 Modules, 320 Wp – 112,632 Modules, 315 Wp – 15,080 Modules
2	Number of Inverters & Capacity	40 Inverters of 1 MW
3	Number of Transformers & Capacity	10 transformers of 4 MVA 2 transformers of 16/20 MVA

The technical specification for 51 MW solar project by Renew Clean Energy Private Limited at Madhya Pradesh.

Sl. No.	Technical details of the equipment ²⁶	Description
1	Modules capacity and No. of Module	117.5 Wp – 585,984 Modules

²⁴It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 50 MW.

²⁵It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 40 MW.

²⁶It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 51 MW.

2	Number of Inverters & Capacity	6 Inverters of 2.5 MW 12 Inverters of 3 MW
3	Number of Transformers & Capacity	6 transformers of 6 MVA 3 transformers of 5 MVA 2 transformers of 25/30 MVA

The technical specification for 10 MW solar project by Aalok Solarfarms Limited at Rajasthan.

Sl. No.	Technical details of the equipment ²⁷	Description
1	Modules capacity and No. of Module	322.5 Wp – 25,640 Modules, 320 Wp – 4,320 Modules, 317.5 Wp – 12,920 Modules
2	Number of Inverters & Capacity	10 Inverters of 1 MW
3	Number of Transformers & Capacity	5 transformers of 2 MVA

The technical specification for 10 MW solar project by Abha Solarfarms Limited at Rajasthan.

Sl. No.	Technical details of the equipment ²⁸	Description
1	Modules capacity and No. of Module	322.5 Wp – 12,720 Modules, 320 Wp – 30,160 Modules,
2	Number of Inverters & Capacity	10 Inverters of 1 MW
3	Number of Transformers & Capacity	5 transformers of 2 MVA

The technical specification for 20 MW solar project by Heramba Renewbles Limited at Rajasthan.

Sl. No.	Technical details of the equipment ²⁹	Description
1	Modules capacity and No. of Module	322.5 Wp – 25,680 Modules, 320 Wp – 38,680 Modules, 317.5 Wp – 12,960 Modules, 315 Wp – 8,640 Modules
2	Number of Inverters & Capacity	10 Inverters of 1 MW
3	Number of Transformers & Capacity	10 transformers of 2 MVA

The technical specification for 20 MW solar project by Shreyas Solarfarms Limited at Rajasthan.

²⁷It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 10 MW.

²⁸It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 10 MW.

²⁹It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 10 MW.

Sl. No.	Technical details of the equipment ³⁰	Description
1	Modules capacity and No. of Module	322.5 Wp – 34,220 Modules, 320 Wp – 25,840 Modules, 317.5 Wp – 17,280 Modules, 315 Wp – 8,640 Modules
2	Number of Inverters & Capacity	10 Inverters of 1 MW
3	Number of Transformers & Capacity	10 transformers of 2 MVA

The technical specification for 143 MW solar project by ReNew Solar Energy (Telangana) Private Limited at Telangana.

Sl. No.	Technical details of the equipment ³¹	Description
1	Modules capacity and No. of Module	325 Wp – 63,966 Modules, 320 Wp – 191,016 Modules, 315 Wp – 238,812 Modules, 310 Wp – 47,145 Modules
2	Number of Inverters & Capacity	130 Inverters of 1 MW
3	Number of Transformers & Capacity	31 transformers of 4.4 MVA 3 transformers of 2.2 MVA 3 transformers of 40/50 MVA

The technical specification for 48 MW solar project by Renew Mega Solar Power Private Limited at Telangana.

Sl. No.	Technical details of the equipment ³²	Description
1	Modules capacity and No. of Module	320 Wp – 35,492 Modules, 315 Wp – 118,438 Modules, 310 Wp – 28,266 Modules, 315 Wp – 8,640 Modules
2	Number of Inverters & Capacity	48 Inverters of 1 MW
3	Number of Transformers & Capacity	12 transformers of 4 MVA 2 transformers of 25/30 MVA

³⁰It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 10 MW.

³¹It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 143 MW.

³²It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 48 MW.

The technical specification for 30 MW solar project by Renew Saur Shakti Private Limited at Telangana.

Sl. No.	Technical details of the equipment ³³	Description
1	Modules capacity and No. of Module	320 Wp – 113,064 Modules,
2	Number of Inverters & Capacity	30 Inverters of 1 MW
3	Number of Transformers & Capacity	7 transformers of 4 MVA 1 transformer of 2 MVA 1 transformers of 25/30 MVA

The technical specification for 65 MW solar project by Renew Saur Shakti Private Limited at Telangana.

Sl. No.	Technical details of the equipment ³⁴	Description
1	Modules capacity and No. of Module	325 Wp – 71,323 Modules, 320 Wp – 138,620 Modules, 315 Wp – 33,195 Modules,
2	Number of Inverters & Capacity	65 Inverters of 1 MW
3	Number of Transformers & Capacity	16 transformers of 4 MVA 1 transformer of 1 MVA 1 transformers of 25/30 MVA 1 transformers of 40/50 MVA

The technical specification for 100 MW solar project by Renew Wind Energy (TN2) Private Limited at Telangana.

Sl. No.	Technical details of the equipment ³⁵	Description
1	Modules capacity and No. of Module	330 Wp – 96,720 Modules, 325 Wp – 249,240 Modules, 320 Wp – 68,100 Modules
2	Number of Inverters & Capacity	28 Inverters of 2.5 MW 30 Inverters of 1 MW
3	Number of Transformers & Capacity	6 transformers of 4 MVA 3 transformers of 2 MVA 14 transformers of 5 MVA 2 transformers of 40/50 MVA

³³It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 30 MW.

³⁴It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 65 MW.

³⁵It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 100 MW.

The technical specification for 50 MW solar project by Prathamesh Solar farms Limited at Telangana.

Sl. No.	Technical details of the equipment ³⁶	Description
1	Modules capacity and No. of Module	325 Wp – 106,000 Modules, 320 Wp – 108,000 Modules
2	Number of Inverters & Capacity	50 Inverters of 1 MW
3	Number of Transformers & Capacity	12 transformers of 4 MVA 2 transformers of 1 MVA

The commissioning details of this project activity are given below:

Name of SPVs ³⁷	Capacity in MW	Date Commissioning of	Connection with Grid	State	Usage
Bhumi Prakash Private Limited	20 MW	26-September-2017	Indian Grid	Karnataka	Sale to State Discom
Renew Wind Energy (MP Four) Private Limited	20 MW	28-April-2017			Sale to State Discom
Renew Agni Power Private Limited	20 MW	31-March-2017			Sale to State Discom
Renew Wind Energy (Karnataka 3) Private Limited	20 MW	27-March-2017			Sale to State Discom
Tarun Kiran Bhoomi Private Limited	20 MW	31-March-2017			Sale to State Discom
Renew Wind Energy (Karnataka 4) Private Limited	20 MW	31-March-2017			Sale to State Discom
Renew Wind Energy (Budh 3) Private Limited	20 MW	16-March-2018			Sale to 3rd Party
Renew Wind Energy (Budh 3) Private Ltd	20 MW	09-March-2018			Sale to 3rd Party
Renew Wind Energy (Budh 3) Private Limited	20 MW	30-December-2017			Sale to 3rd Party

³⁶It is to be noted that in future there is possibility of change in module configuration, however project capacity in total will remain same as 50 MW.

³⁷ The SPV names mentioned in the table are in accordance with their respective Commissioning Certificates.

Renew Wind Energy (Maharashtra) Private Limited	20 MW	13-October-2017			Sale to State Discom
Renew Wind Energy (Rajasthan Four) Private Limited	20 MW	07-December- 2017			Sale to State Discom
Renew Wind Energy (MP Three) Private Limited	20 MW	11-November- 2017			Sale to State Discom
Renew Saur Urja Private Limited	50 MW	26-May-2017			Sale to 3rd Party
Renew Wind Energy (TN2) Private Limited	50 MW	14-December- 2017			Sale to NTPC Limited
Renew Solar Energy (Karnataka Two) Private Limited	40 MW	31-March-2017		Gujarat	Sale to SECI Limited
Renew Clean Energy Private Limited	51 MW	01-October-2017		Madhya Pradesh	Sale to State Discom
Aalok Solarfarms Limited	10 MW	06-November- 2017			Sale to NTPC Limited
Abha Solarfarms Limited	10 MW	17-October-2017			Sale to NTPC Limited
Heramba Renewables Limited	20 MW	10 MW on 17- October-2017 10 MW on 28- October-2017		Rajasthan	Sale to NTPC Limited
Shreyas Solarfarms Limited	20 MW	17-November- 2017			Sale to NTPC Limited
ReNew Solar Energy (Telangana) Private Limited	143 MW	44 MW on 28- April-2017 17.6 MW on 16- May-2017 44 MW on 22- June-2017 15.4 MW on 03- July-2017 22 MW on 12- July-2017		Telangana	Sale to State Discom

Renew Solar Private Limited	Mega Power	48 MW	24 MW on 13-February-2017			Sale to State Discom
			24 MW on 21-February-2017			
Renew Shakti Limited	Saur Private	30 MW	8 MW on 14-February-2017			Sale to State Discom
			10 MW on 04-March-2017			
			6 MW on 30-March-2017			
			4.5 MW on 30-May-2017			
			1.5 Mw on 11-June-2017			
Renew Shakti Limited	Saur Private	65 MW	58 MW on 29-May-2017			Sale to State Discom
			7 MW on 07-July-2017			
Renew Wind Energy Private Limited (TN2)	Wind (TN2)	100 MW	01-November-2017			Sale to NTPC Limited
Prathamesh Solarfarms Limited		50 MW	20-September-2017			Sale to State Discom
Total		927 MW				

3.2 Deviations

3.2.1 Methodology Deviations

Not Applicable, as there are no methodological deviations.

3.2.2 Project Description Deviations

Deviation 1 –

From January-2020 onwards, REA statements are being issued for the SPV- Renew Wind Energy (TN2) Private Limited, 50 MW Pavagada site. But the source of data for the generation data was Form-B. Hence, the generation data has been taken from the REA statements. The change in source of data for the generation is as per the requirement of State electricity authority and PP has no role to play in it. Therefore, PP applied for deviation from the source of data for generation from the registered PD.

The above-mentioned deviation was approved during the previous verification for the monitoring period 25-December-2019 – 25-May-2021 and the same is being followed during the current verification period. It is to be noted that, due to this deviation, there is no any impact on the applicability of the methodology, additionality or the baseline scenario of the project activity.

Deviation 2 –

During the ongoing periodic verification conducted from 01 February 2025 to 31 May 2025, the total number of modules was cross-verified against actual site data, as detailed in Section 3.1 of this monitoring report. This figure differs from the module count stated in the registered JPD MR. The updated and accurate module numbers are now correctly reflected in this monitoring report.

Also, as mentioned in the JPD MR, in future there is possibility of change in module configuration, however project capacity in total will remain same. Accordingly, this adjustment does not affect the applicability of the approved methodology, the demonstration of additionality, or the baseline scenario for the project activity.

3.3 Grouped Projects

Not applicable, as this is not a grouped project activity.

3.4 Baseline Reassessment

Did the project undergo baseline reassessment during the monitoring period?

☐ Yes ☒ No

4 DATA AND PARAMETERS

4.1 Data and Parameters Available at Validation

Data / Parameter	EFgrid,OM,y
Data unit	tCO ₂ /MWh
Description	Operating Margin CO2 emission factor in year y
Source of data	Calculated from CEA database, Version 13, June 2018 ³⁸
Value applied	0.9726
Justification of choice of data or description of measurement methods and procedures applied	Calculated as per “Tool to calculate the emission factor for an electricity system, version 07” as 3-year generation weighted average using data for the years 2014-15, 2015-16 & 2016-17. The data are obtained from “CO2 Baseline Database for Indian Power Sector” version 13, published by the Central Electricity Authority, Ministry of Power, Government of India.
Purpose of data	Calculation of baseline emissions
Comments	This parameter is fixed ex-ante for the entire crediting period

³⁸ https://cea.nic.in/wp-content/uploads/baseline/2020/07/user_guide_ver13.pdf

Data / Parameter	$EF_{grid,BM,y}$
Data unit	tCO ₂ e/MWh
Description	Build margin for Indian grid
Source of data	CO ₂ baseline database (Version 13) published by CEA in October 2018 ³⁹
Value applied	0.8723
Justification of choice of data or description of measurement methods and procedures applied	Calculated as per “Tool to calculate the emission factor for an electricity system, version 07” as per the latest data available for the most recent year 2016-17. The data is obtained from “CO ₂ Baseline Database for Indian Power Sector” version 13, published by the Central Electricity Authority, Ministry of Power, Government of India.
Purpose of Data	Calculation of baseline emissions
Comments	Fixed ex-ante for entire crediting period

Data / Parameter	$EF_{grid,CM,y}$
Data unit	tCO ₂ e/MWh
Description	Emission factor for Indian grid
Source of data	CO ₂ baseline database (Version 13) published by CEA in October 2018 ⁴⁰
Value applied	0.9475
Justification of choice of data or description of measurement methods and procedures applied	This value is calculated using $EF_{grid,OM,y}$ and $EF_{grid,BM,y}$ values as per Version 07.0 of methodological tool to calculate the emission factor for an electricity system
Purpose of Data	Calculation of baseline emissions
Comments	-

4.2 Data and Parameters Monitored

For Karnataka Sites

Data / Parameter	$EG_{PJ,y,KA}$
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³⁹ https://cea.nic.in/wp-content/uploads/baseline/2020/07/user_guide_ver13.pdf

⁴⁰ https://cea.nic.in/wp-content/uploads/baseline/2020/07/user_guide_ver13.pdf

Data unit	MWh/yr
Description	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh
Source of data	Monthly joint meter reading reports
Description of measurement methods and procedures to be applied	The difference of final value of exports and import is used for monthly values of net electricity supplied to the grid by the project activity and same value is considered for ER calculations.
Frequency of monitoring/recording	Continuous measurement & monthly recording
Value monitored	246,293.06 MWh
Monitoring equipment	The electricity exported / supplied by the plant to pooling substation and further to substation. This meter also measures electricity imported by the plant from the grid.
QA/QC procedures to be applied	The meters are approved, tested & sealed by the State Utility. The meters are in the custody of State Utility. The frequency of calibration is once in 5 years. The monthly electricity supplied/exported by the project activity in the JMR report is cross checked with the monthly invoices of sale. In the absence or delay in the meter calibration appropriate Guidelines are applied appropriately to confirm the conservativeness of metering. The metering arrangement, accuracy class of meters, calibration frequency is under control of state electricity board and PP do not have any control on it. PP is getting value of net electricity supplied to grid and the same is considered the monitoring parameter. The meter and meter calibration details are given in Appendix I of Monitoring Report. The billing is raised based on substation meters.
Purpose of the data	Calculation of baseline emissions
Calculation method	Thus, Net electricity supplied to the grid by the project plant in a given month = Export, kWh – Import, kWh. If share certificate/JMR mentioned only net electricity export to grid, and does not mention any export and import separately, then net electricity supplied to grid is considered directly.
Comments	Data archived in paper & electronic form for two years after the end of crediting period or of the last issuance of VERs for this project activity, whichever occurs later.

For Gujarat Site

Data / Parameter	EG_{PI, y,GJ}
Data unit	MWh/yr
Description	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh
Source of data	Monthly joint meter reading reports

Description of measurement methods and procedures to be applied	The difference of final value of export and import is used for monthly values of net electricity supplied to the grid by the project activity and same value is considered for ER calculations.
Frequency of monitoring/recording	Continuous measurement & monthly recording
Value monitored	29,951.50 MWh
Monitoring equipment	The electricity exported / supplied by the plant to pooling substation and further to substation. This meter also measures electricity imported by the plant from the grid.
QA/QC procedures to be applied	The meters is approved, tested & sealed by the State Utility. The meters are in the custody of State Utility. The frequency of calibration is once in 5 years. The monthly electricity supplied/exported by the project activity in the JMR report is cross checked with the monthly invoices of sale. In the absence or delay in the meter calibration appropriate Guidelines are applied appropriately to confirm the conservativeness of metering. The metering arrangement, accuracy class of meters, calibration frequency is under control of state electricity board and PP do not have any control on it. PP is getting value of net electricity supplied to grid and the same is considered the monitoring parameter. The meter and meter calibration details are given in Appendix I of Monitoring Report. The billing is raised based on substation meters.
Purpose of the data	Calculation of baseline emissions
Calculation method	Thus, Net electricity supplied to the grid by the project plant in a given month = Export, kWh– Import, kWh. If share certificate/JMR mentioned only net electricity export to grid, and does not mention any export and import separately, then net electricity supplied to grid is considered directly.
Comments	Data is archived in paper & electronic form for two years after the end of crediting period or of the last issuance of VERs for this project activity, whichever occurs later.

For Madhya Pradesh Site

Data / Parameter	EG_{PI, y,MP}
Data unit	MWh/yr
Description	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh
Source of data	Monthly joint meter reading reports
Description of measurement methods and procedures to be applied	The difference of final value of export and import is used for monthly values of net electricity supplied to the grid by the project activity and same value is considered for ER calculations.

Frequency of monitoring/recording	Continuous measurement & monthly recording
Value monitored	40,267.65 MWh
Monitoring equipment	The electricity exported / supplied by the plant to pooling substation and further to substation. This meter also measures electricity imported by the plant from the grid.
QA/QC procedures to be applied	The meters are approved, tested & sealed by the State Utility. The meters are in the custody of State Utility. The frequency of calibration is once in 5 years. The monthly electricity supplied/exported by the project activity in the JMR report is cross checked with the monthly invoices of sale. In the absence or delay in the meter calibration appropriate Guidelines are applied appropriately to confirm the conservativeness of metering. The metering arrangement, accuracy class of meters, calibration frequency is under control of state electricity board and PP do not have any control on it. PP is getting value of net electricity supplied to grid and the same is considered the monitoring parameter. The meter and meter calibration details are given in Appendix I of Monitoring Report. The billing is raised based on substation meters.
Purpose of the data	Calculation of baseline emissions
Calculation method	Thus, Net electricity supplied to the grid by the project plant in a given month = Export, kWh – Import, kWh. If share certificate/JMR mentioned only net electricity export to grid, and does not mention any export and import separately, then net electricity supplied to grid is considered directly.
Comments	Data is archived in paper & electronic form for two years after the end of crediting period or of the last issuance of VERs for this project activity, whichever occurs later.

For Rajasthan Site

Data / Parameter	EG_{PJ, y, RJ}
Data unit	MWh/yr
Description	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh
Source of data	Monthly joint meter reading reports
Description of measurement methods and procedures to be applied	The difference of final value of export and import is used for monthly values of net electricity supplied to the grid by the project activity and same value is considered for ER calculations.
Frequency of monitoring/recording	Continuous measurement & monthly recording
Value monitored	47,183.18 MWh
Monitoring equipment	The electricity exported / supplied by the plant to pooling substation and further to substation. This meter also measures electricity imported by the plant from the grid.

QA/QC procedures to be applied	The meters are approved, tested & sealed by the State Utility. The meters are in the custody of State Utility. The frequency of calibration is once in 5 years. The monthly electricity supplied/exported by the project activity in the JMR report is cross checked with the monthly invoices of sale. In the absence or delay in the meter calibration appropriate Guidelines are applied appropriately to confirm the conservativeness of metering. The metering arrangement, accuracy class of meters, calibration frequency is under control of state electricity board and PP do not have any control on it. PP is getting value of net electricity supplied to grid and the same is considered the monitoring parameter. The meter and meter calibration details are given in Appendix I of Monitoring Report. The billing is raised based on substation meters.
Purpose of the data	Calculation of baseline emissions
Calculation method	Thus, Net electricity supplied to the grid by the project plant in a given month = Export, kWh – Import, kWh. If share certificate/JMR mentioned only net electricity export to grid, and does not mention any export and import separately, then net electricity supplied to grid is considered directly.
Comments	Data is archived in paper & electronic form for two years after the end of crediting period or of the last issuance of VERs for this project activity, whichever occurs later.

For Telangana Site

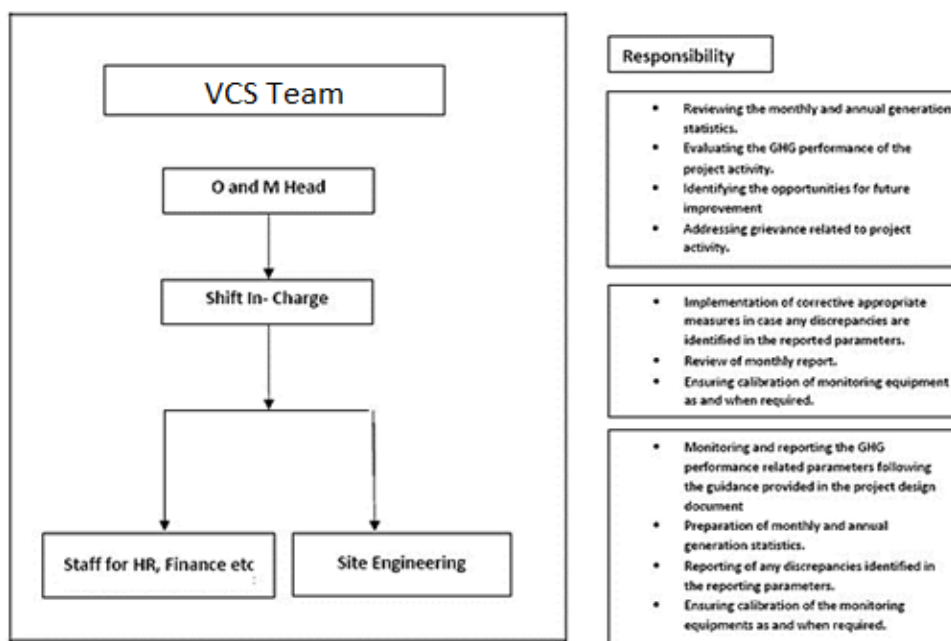
Data / Parameter	EG_{PI, y, TL}
Data unit	MWh/yr
Description	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh
Source of data	Monthly joint meter reading reports
Description of measurement methods and procedures to be applied	The difference of final value of export and import is used for monthly values of net electricity supplied to the grid by the project activity and same value is considered for ER calculations.
Frequency of monitoring/recording	Continuous measurement & monthly recording
Value monitored	309,702.85 MWh
Monitoring equipment	The electricity exported / supplied by the plant to pooling substation and further to substation. This meter also measures electricity imported by the plant from the grid.
QA/QC procedures to be applied	The meters are approved, tested & sealed by the State Utility. The meters are in the custody of State Utility. The frequency of calibration is once in 5 years. The monthly electricity supplied/exported by the project activity in the JMR report is cross checked with the monthly invoices of sale. In the absence or delay in the meter calibration appropriate Guidelines are applied appropriately to confirm the conservativeness of metering.

	The metering arrangement, accuracy class of meters, calibration frequency is under control of state electricity board and PP do not have any control on it. PP is getting value of net electricity supplied to grid and the same is considered the monitoring parameter. The meter and meter calibration details are given in Appendix I of Monitoring Report. The billing is raised based on substation meters.
Purpose of the data	Calculation of baseline emissions
Calculation method	Thus, Net electricity supplied to the grid by the project plant in a given month = Export, kWh – Import, kWh. If share certificate/JMR mentioned only net electricity export to grid, and does not mention any export and import separately, then net electricity supplied to grid is considered directly.
Comments	Data is archived in paper & electronic form for two years after the end of crediting period or of the last issuance of VERs for this project activity, whichever occurs later.

4.3 Monitoring Plan

The monitoring plan is developed in accordance with the modalities and procedures for CDM project activities and is proposed for grid-connected solar power project being implemented. The monitoring plan, which is implemented by the project participant describes about the monitoring organisation, parameters to be monitored, monitoring practices, quality assurance, quality control procedures, data storage and archiving.

The authority and responsibility for registration, monitoring, measurement, reporting and reviewing of the data rests with the project participant. PP proposed the following structure for data monitoring, collection, data archiving and calibration of equipment for this project activity. The team comprises of the following members:



The meters are approved, tested & sealed by the State Utility. The meters are in the custody of State Utility. The frequency of calibration is once in 5 years. The monthly electricity supplied/exported by the project activity in the JMR report is cross checked with the monthly invoices of sale. In the absence or delay in the meter calibration appropriate Guidelines are applied appropriately to confirm the conservativeness of metering.

The metering arrangement, accuracy class of meters, calibration frequency is under control of state electricity board and PP do not have any control on it. PP is getting value of net electricity supplied to grid and the same is considered the monitoring parameter. The meter and meter calibration details are given in Appendix I of Monitoring Report.

Data Measurement

The export and import energy is measured continuously using above mentioned Main and Check meters located at the substations. Readings of meters are taken on monthly basis by authorized officer of SEB in the presence of PP or representative of PP. Based on the Meter Reading Statement to PP, invoices are raised. These invoices can be used for cross checking the meter readings taken for the respective project activity.

Data collection and archiving

Readings from meters are collected in the presence of the plant in-charge. Export and Import data would be recorded and stored in logs as well as in electronic form on a daily basis. The records are checked periodically by the Plant Manager and discussed thoroughly with the plant supervisor. The period of storage of the monitored data is 2 years after the end of crediting period or till the last issuance of VERs for the project activity whichever occurs later.

Emergency preparedness

The project activity does not result in any unidentified activity that can result in substantial emissions from the project activity. No need for emergency preparedness in data monitoring is visualized.

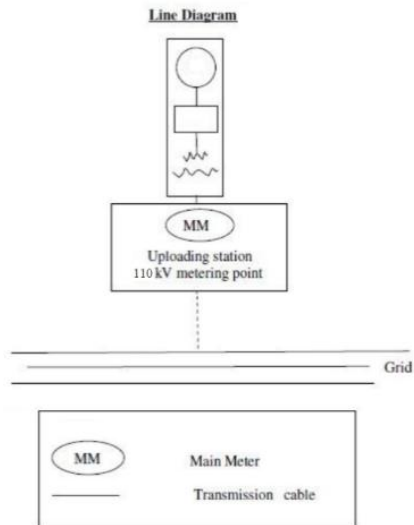
Personnel training

In order to ensure a proper functioning of the project activity and a properly monitoring of emission reductions, the staff is trained. The plant helpers are trained in equipment operation, data recording, reports writing, operation and maintenance and emergency procedures in compliance with the monitoring plan.

Metering Arrangement

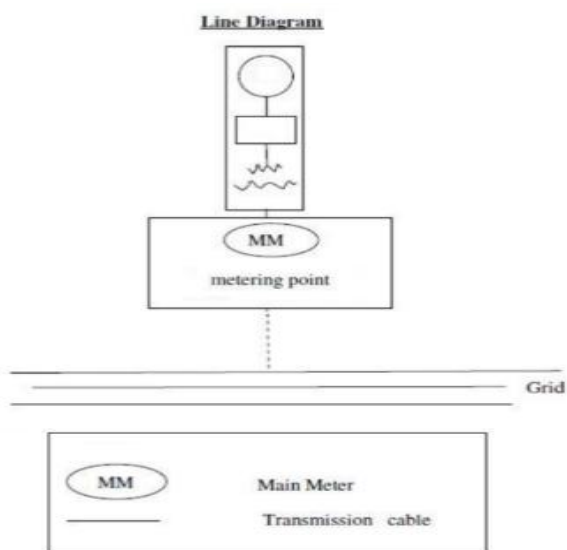
Line diagram with metering arrangement for the solar project activity is shown below.

For Karnataka Site

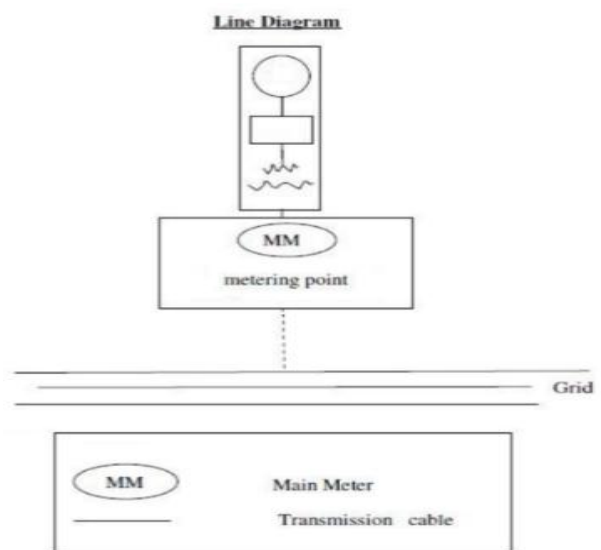


For Rajasthan Site

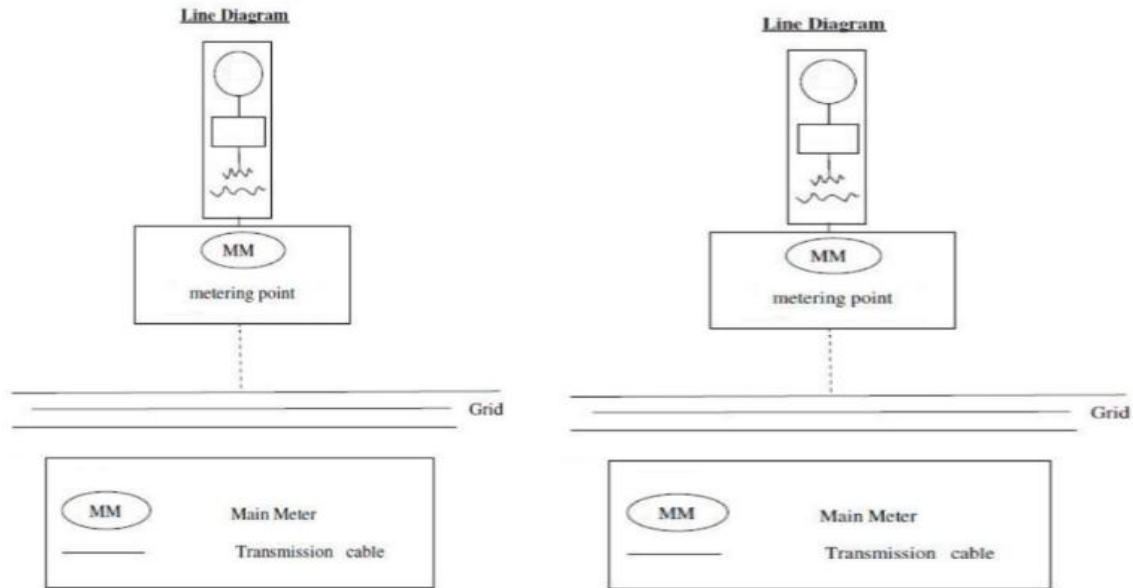
For Telangana Site



For Madhya Pradesh Site



For Gujarat Site



5 QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS

5.1 Baseline Emissions

$$BE_y = EG_{PJ,y} * EF_{grid,CM,y}$$

Where:

BE_y : Baseline emissions in year y (tCO₂e/yr)

$EG_{PJ,y}$: Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the VCS project activity in year y (MWh/yr)

$EF_{grid,CM,y}$: Combined margin CO₂ emission factor for grid connected power generation in year y calculated using the latest version of the “Tool to calculate the emission factor for an electricity system” (tCO₂e/MWh).

To calculate $EG_{PJ,y}$:

$$EG_{PJ,y} = EG_{PJ,y,KA} + EG_{PJ,y,GJ} + EG_{PJ,y,MP} + EG_{PJ,y,RJ} + EG_{PJ,y,TL}$$

For Karnataka Sites:

$EG_{PJ,y,KA}$: Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh (For the Karnataka site)

The net electricity supplied to the grid is calculated as the difference between the total electricity supplied to the grid and 115% of the total electricity imported from the grid i.e.

$$EG_{PJ,y,KA} = \text{Export (MWh)} - 115\% * \text{Import (MWh)} \text{ (Where applicable)} = 246,293.06 \text{ MWh}$$

For Gujarat sites:

$EG_{PJ, y, GJ}$: Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh (For the Gujarat site)

The net electricity supplied to the grid is calculated as the difference between the total electricity supplied to the grid and total electricity imported from the grid i.e.

$$EG_{PJ, y, GJ} = \text{Export (MWh)} - \text{Import (MWh)} = 29,951.50 \text{ MWh}$$

For Madhya Pradesh Sites:

$EG_{PJ, y, MP}$: Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh (For the Madhya Pradesh site)

The net electricity supplied to the grid is calculated as the difference between the total electricity supplied to the grid and total electricity imported from the grid i.e.

$$EG_{PJ, y, MP} = \text{Export (MWh)} - \text{Import (MWh)} = 40,267.65 \text{ MWh}$$

For Rajasthan Sites:

$EG_{PJ, y, RJ}$: Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh (For the Rajasthan site)

The net electricity supplied to the grid is calculated as the difference between the total electricity supplied to the grid and total electricity imported from the grid i.e.

$$EG_{PJ, y, MP} = \text{Export (MWh)} - \text{Import (MWh)} = 47,183.18 \text{ MWh}$$

For Telangana Sites:

$EG_{PJ, y, TL}$: Quantity of net electricity generation supplied by the project plant/unit to the grid in year y in MWh (For the Telangana site)

The net electricity supplied to the grid is calculated as the difference between the total electricity supplied to the grid and total electricity imported from the grid i.e.

$$EG_{PJ, y, TL} = \text{Export} - \text{Import (MWh)} = 309,702.85 \text{ MWh}$$

Hence:

$$EG_{PJ, y} = 246,293.06 + 29,951.50 + 40,267.65 + 47,183.18 + 309,702.85$$

$$EG_{PJ, y} = 673,398.24 \text{ MWh}$$

Total Baseline emission for the Monitoring period:

Parameter	Unit	Value
$EG_{PJ, y}$	MWh	673,398.24
$EF_{grid, CM, y}$	tCO ₂ e/MWh	0.9475
BE_y	tCO ₂ e	$673,398.24 * 0.9475$
	=	638,028 (Round down)

$$BE_y = 638,028 \text{ tCO}_2\text{e (Round down value)}$$

5.2 Project Emissions

Not applicable, since project emissions from the solar project activity is zero as per ACM0002 methodology. Hence, $PE_y = 0$.

5.3 Leakage Emissions

Not applicable, since leakage emissions from the solar project activity is zero as per ACM0002 methodology. Hence, $LE_y = 0$.

5.4 GHG Emission Reductions and Carbon Dioxide Removals

Emission Reductions are calculated as follows:

$$ER_y = BE_y - PE_y$$

Where:

ER_y = Emission reductions in the year y (tCO₂e/yr)

BE_y = Baseline emissions in the year (tCO₂e/yr)

PE_y = Project emissions in the year y (tCO₂e/yr)

Baseline emissions:

$$BE_y = EG_{PJ,y} * EF_{grid,CM,y}$$

Where:

BE_y : Baseline emissions in year y (tCO₂e/yr)

$EG_{PJ,y}$: Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the VCS project activity in year y (MWh/yr)

$EF_{grid,CM,y}$: Combined margin CO₂ emission factor for grid connected power generation in year y calculated using the latest version of the “Tool to calculate the emission factor for an electricity system” (tCO₂e/MWh).

$$BE_y = 673,398.24 \text{ MWh} * 0.9475 \text{ tCO}_2\text{e/MWh}$$

$$BE_y = 638,028 \text{ tCO}_2\text{e (Round down)}$$

As per the ACM0002 methodology, Project emissions (PE_y) are Zero.

Hence,

$$ER_y = BE_y - PE_y$$

$$ER_y = 638,028 \text{ tCO}_2\text{e (Round down)}$$

Vintage period	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Reduction VCU (tCO ₂ e)	Removal VCU (tCO ₂ e)	Total VCUs (tCO ₂ e)
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01-February-2025 to 31-May-2025	638,028	0	0	638,028	0	638,028
Total	638,028	0	0	638,028	0	638,028

Vintage period	Ex-ante estimated reductions/removals	Achieved reductions/removals	Percent difference	Explanation for the difference
01-February-2025 to 31-May-2025	581,023	638,028	9.81%	The emission reductions achieved for the current monitoring period is 9.81% higher than the estimated value. The generation of electricity depends upon many other climatic conditions, which are not within the control of the project participant. The higher generation during the current verification period is due to the high PLF achieved due to high solar irradiance. Although for this short duration the achieved emission reductions are higher than the estimated value but for the entire calendar year 2024, the actual emission reductions are 1,637,081 which is well within the estimated value of 1,776,281.
Total	581,023	638,028	9.81%	Same as above

APPENDIX 1: COMMERCIALY SENSITIVE INFORMATION

NA for this project activity

Section	Information	Justification

APPENDIX 2: METER CALIBRATION DETAILS

S. No.	SPV Name	Location	Meter Number	Meter Type	New/ Old Meters	Meter Manufacturer	Meter Accuracy Class	Date of Calibration	Due date of calibration
1	Tarun Kiran Bhoomi Private Limited (20 MW)	Alland	16193095	Main Meter	Old	L & T	0.2 s	04-September-2019	03-September-2024
								19-June-2020	18-June-2025
			22003301	Main Meter	New	L&T	0.2s	05-April-2022	04-April-2027
			13192165	Check Meter	Old	L & T	0.2 s	04-September-2019,	03-September-2024,
								19-June-2020	18-June-2025
			22005536	Check Meter	New	L&T	0.2s	05-April-2022	04-April-2027
2	Renew Clean Energy Private Limited (51 MW)	Ashokenagar	XE518730	Main Meter	Old	Secure	0.2 s	10-August-2020	09-August-2025
			XE518731	Check Meter	Old	Secure			
			Q0715876	Main Meter	New	Secure	0.2s	01-March-2023, 17-October-2024	29-February-2028, 16-October-2029
			Q0715877	Check Meter	New	Secure	0.2s	01-March-2023, 17-October-2024	29-February-2028, 16-October-2029
3	Renew Wind Energy (TN2)	NagalamadikeHobli, Pavagada	16195517	Main Meter	Old	L & T	0.2 s	08-December-2017	07-December-2022

	Private Limited (50 MW)		16195508	Check Meter	Old	L & T	0.2 s	08-Decem-ber-2017	07-Decem-ber-2022
			LT-0834-A	Main Meter	New	L & T	0.2 s	10-Januar-y-2022	09-Januar-y-2027
			LT-0795-A	Check Meter	New	L & T	0.2 s	10-Januar-y-2022	09-Januar-y-2027
4	Renew Wind Energy (Karnataka 3) Private Limited (20 MW)	Bhalki	16113413	Main Meter	Old	L & T	0.2 s	28-Januar-y-2021	27-Januar-y-2026
			16113221	Check Meter	Old	L & T	0.2 s	28-Januar-y-2021	27-Januar-y-2026
			21005034	Main meter	New	L & T	0.2 s	15-March-2023	14-March-2028
			21005051	Check Meter	New	L & T	0.2 s	15-March-2023	14-March-2028
5	Renew Wind Energy (MP Four) Private Limited (20 MW)	Chincholi	16083161	Main Meter	-	L & T	0.2 s	25-Januar-y-2023	24-Januar-y-2028
			16083118	Check Meter	-	L & T	0.2 s	25-Januar-y-2023	24-Januar-y-2028
6	Bhumi Prakash Private Limited (20 MW)	Devadurga	15197833	Main Meter	Old	L & T	0.2 s	25-Decem-ber-2019	24-Decem-ber-2024
			15197834	Check Meter	Old	L & T	0.2 s	25-Decem-ber-2019	24-Decem-ber-2024
			21005057	Main Meter	New	L & T	0.2 s	24-Februa-ry-2023	23-Februa-ry-2028
			21005109	Check Meter	New	L & T	0.2 s	24-Februa-ry-2023	23-Februa-ry-2028
7	ReNew Solar Energy (Telangana) Private	Dichpally	APX01166	Main Meter	-	Secure	0.2 s	27-July-2021	26-July-2026
			APX01167	Check Meter	-	Secure	0.2 s	27-July-2021	26-July-2026

	Limited (143 MW)		APX01168	Standby Meter	-	Secure	0.2 s	27-July-2021	26-July-2026
8	Renew Wind Energy (MP Three) Private Limited(20 MW)	Honnali	16112933	Main Meter	Old	L & T	0.2 s	27-September-2017	26-September-2022
			16112921	Check Meter	Old	L & T	0.2 s	27-September-2017	26-September-2022
			21005015	Main Meter	New	L & T	0.2 s	21-January-2023	20-January-2028
			21005085	Check Meter	New	L & T	0.2 s	21-January-2023	20-January-2028
9	Renew Wind Energy (Karnataka 4) Private Limited(20 MW)	Humnabad	16083139	Main Meter	-	L & T	0.2 s	17-March-2023	16-March-2028
			16083133	Check Meter	-	L & T	0.2 s	17-March-2023	16-March-2028
10	Renew Mega Solar Power Pvt Limited (48 MW)	Mandamarri	APX01147	Main Meter	-	Secure	0.2 s	10-July-2020	09-July-2025
			APX01148	Check Meter	-	Secure	0.2 s	10-July-2020	09-July-2025
			APX01149	Standby Meter	-	Secure	0.2 s	10-July-2020	09-July-2025
			APZ00378	Main Meter	-	Apex 150	0.2 s	10-April-2023	09-April-2028
			APZ00379	Check Meter	-	Apex 150	0.2 s	10-April-2023	09-April-2028
			APZ00380	Standby Meter	-	Apex 150	0.2 s	10-April-2023	09-April-2028
11	Renew Wind Energy (TN2) Private Limited (100 MW)	Mahbubnagar	APZ00378	Main Meter	-	Apex 150	0.2 s	10-April-2023	09-April-2027
			APZ00379	Check Meter	-	Apex 150	0.2 s	10-April-2023	09-April-2027
			APZ00380	Standby Meter	-	Apex 150	0.2 s	10-April-2023	09-April-2027

12	Renew Saur Shakti Private Limited (65 MW)	Minpur	16196322	Main Meter	-	L & T	0.2 s	18-Februa ry-2020, 16- April- 2025	17- Februa ry- 2025, 15- April- 2030
			16196377	Check Meter	-	L & T	0.2 s	18-Februa ry-2020, 16- April- 2025	17- Februa ry- 2025, 15- April- 2030
			16196411	Standby Meter	-	L & T	0.2 s	18-Februa ry-2020, 16- April- 2025	17- Februa ry- 2025, 15- April- 2030
13	Renew Saur Shakti Private Limited (30 MW)	Mulkanoor	16196362	Main Meter	-	L & T	0.2 s	09-Februa ry-2021	08- Februa ry- 2026
			16196398	Check Meter	-	L & T	0.2 s	09-Februa ry-2021	08- Februa ry- 2026
			16196385	Standby Meter	-	L & T	0.2 s	09-Februa ry-2021	08- Februa ry- 2026
14	Abha Solarfar ms Limited (10 MW)	Bap	17075486	Main Meter	-	L & T	0.2 s	03- April- 2021, 30- April- 2025	02- April- 2026, 29- April- 2030
			17075488	Check Meter	-	L&T	0.2s	03- April- 2021, 30- April- 2025	02- April- 2026, 29- April- 2030
15	Aalok Solarfar ms Limited (10 MW)	Bap	17075514	Main Meter	-	L & T	0.2 s	03- April- 2021, 30- April- 2025	02- April- 2026, 29- April- 2030
			17075515	Check Meter	-	L&T	0.2s	03- April- 2021,	02- April- 2026,

								30-April-2025	29-April-2030
16	Heramb a Renewbl es Limited (20 MW)	Bap	170755 37	Main Meter (Project-I)	-	L & T	0.2 s	05-April-2021, 29-April-2025	04-April-2026, 28-April-2030
			170755 39	Check Meter(Pr oject-I)	-	L & T	0.2 s	05-April-2021, 29-April-2025	04-April-2026, 28-April-2030
			170755 47	Main Meter(Pr oject-II)	-	L & T	0.2 s	05-April-2021, 29-April-2025	04-April-2026, 28-April-2030
			170755 48	Check Meter(Pr oject-II)	-	L & T	0.2 s	05-April-2021, 29-April-2025	04-April-2026, 28-April-2030
17	Shreyas Solarfar ms Limited (20 MW)	Bap	170755 25	Main Meter(Pr oject-I)	-	L & T	0.2 s	04-April-2021, 28-April-2025	03-April-2026, 27-April-2030
			170755 26	Check Meter(Pr oject-I)	-	L & T	0.2 s	04-April-2021, 28-April-2025	03-April-2026, 27-April-2030
			170755 30	Main Meter(Pr oject-II)	-	L & T	0.2 s	04-April-2021, 28-April-2025	03-April-2026, 27-April-2030
			170755 31	Check Meter(Pr oject-II)	-	L & T	0.2 s	04-April-2021, 28-April-2025	03-April-2026, 27-April-2030
18	Pratham esh Solarfar	Dodaguntap ally	XD5512 33	Main Meter	-	Secure	0.2 s	25-March-2021,	24-March-2026,

	ms Limited (50 MW)							27- March- 2025	26- March- 2030
			XD5512 34	Check Meter	-	Secure	0.2 s	25- March- 2021, 27- March- 2025	24- March- 2026, 26- March- 2030
			XD5512 35	Standby Meter	-	Secure	0.2 s	25- March- 2021, 27- March- 2025	24- March- 2026, 26- March- 2030
19	Renew Solar Energy (Karnata ka Two) Private Limited (40 MW)	Charanka	GJ3713A	Main Meter	-	Secure	0.2 s	14- June- 2023	13- June- 2028
			GJ3714A	Check Meter	-	Secure	0.2s	22- Septe mber- 2023	21- Septe mber- 2028
			GJ3880A	Standby Meter	-	Secure	0.2 s	22- Septe mber- 2023	21- Septe mber- 2028
20	Renew Wind Energy (Rajasth an Four) Private Limited (20 MW)	Turuvekere	161129 18	Main Meter	Old	L & T	0.2 s	26- Februa ry- 2021	25- Februa ry- 2026
			161129 13	Check Meter	Old	L & T	0.2 s	26- Februa ry- 2021	25- Februa ry- 2026
			200096 61	Main Meter	New	L & T	0.2 s	31- Januar y-2023	30- Januar y-2028
			200096 73	Check Meter	New	L & T	0.2 s	31- Januar y-2023	30- Januar y-2028
21	Renew Wind Energy (Mahara shtra) Private Limited (20 MW)	Yadgir	161134 30	Main Meter	Old	L & T	0.2 s	01- April- 2021	31- March- 2026
			161134 36	Check Meter	Old	L & T	0.2 s	01- April- 2021	31- March- 2026
			210049 29	Main Meter	New	L & T	0.2 s	01- March- 2023	29- Februa ry- 2028
			210049 38	Check Meter	New	L & T	0.2 s	01- March- 2023	29- Februa

									ry-2028
22	Renew Agni Power Private Limited(20 MW)	Siruguppa	16113386	Main Meter	Old	L & T	0.2 s	13-January-2021	12-January-2026
			16113401	Check Meter	Old	L & T	0.2 s	13-January-2021	12-January-2026
			20003009	Main Meter	New	L & T	0.2 s	16-March-2023	15-March-2028
			20003005	Check Meter	New	L & T	0.2 s	16-March-2023	15-March-2028
23	Renew Wind Energy (Budh 3) Private Limited (20 MW)	Eklara	17069178	Main Meter	Old	L & T	0.2 s	26-November-2020	25-November-2025
			17069183	Check Meter	Old	L & T	0.2 s	26-November-2020	25-November-2025
			21004949	Main Meter	New	L&T	0.2 s	14-March-2023	13-March-2028
			21004979	Check Meter	New	L&T	0.2 s	14-March-2023	13-March-2028
24	Renew Saur Urja Private Limited(50 MW)	Thalekan	17117926	Main Meter	New	L & T	0.2 s	14-March-2023	13-March-2028
			17117928	Check Meter	New	L & T	0.2 s	14-March-2023	13-March-2028
25	Renew Wind Energy (Budh 3) Private Limited (20 MW)	Nirna	17166928	Main Meter	Old	L & T	0.2 s	12-June-2020	11-June-2025
			17166940	Check Meter	Old	L & T	0.2 s	12-June-2020	11-June-2025
			21005004	Main Meter	New	L & T	0.2 s	13-March-2023	12-March-2028
			21005028	Check Meter	New	L & T	0.2 s	13-March-2023	12-March-2028
26	Renew Wind Energy (Budh 3) Private Limited (20 MW)	Wadagere	17125589	Main Meter	New	L & T	0.2 s	16-February-2023	15-February-2028

APPENDIX 3: DATES OF STAKEHOLDER CONSULTATIONS

Name of Investor	Capacity	Project Location			Date of Invitation	Date of Meeting
		Village	District	State		
Bhumi Prakash Private Limited	20	Hirebudur	Raichur	Karnataka	01/04/2016	08/04/2016
Renew Wind Energy (MP Four) Private Limited	20	Chincholi	Kalaburagi		02/04/2016	09/04/2016
Renew Agni Power Private Limited	20	Upparhosahalli	Ballari		04/04/2016	11/04/2016
Renew Wind Energy (Karnataka 3) Private Limited	20	Ladha	Bidar		05/04/2016	12/04/2016
Tarun Kiran Bhoomi Private Limited	20	Gola (B)	Kalaburagi		06/04/2016	13/04/2016
Renew Wind Energy (Karnataka 4) Private Limited	20	Nirna	Bidar		07/04/2016	14/04/2016
Renew Wind Energy (Budh 3) Private Limited	20	Santhpur near Eklara	Bidar		08/04/2016	15/04/2016
	20	Nirna	Bidar		09/04/2016	16/04/2016
	20	Wadagere & Aikur	Yadagir		18/04/2016	25/04/2016
Renew Wind Energy (Maharashtra) Private Limited	20	Saidapur & Malhar	Yadagir		19/04/2016	26/04/2016
Renew Wind Energy (Rajasthan Four) Private Limited	20	Gundikaval	Tumkur		20/04/2016	27/04/2016
Renew Wind Energy (MP Three) Private Limited	20	Kattige	Davangere		21/04/2016	28/04/2016
Renew Saur Urja Private Limited	50	Thalekhan			22/04/2016	29/04/2016

Renew Wind Energy (TN2) Private Limited	50	Thirumani, Rayacherlu, Vallur, Balasamudra, Kyataganacherlu	Tumkur		23/04/2016	30/04/2016
Renew Solar Energy (Karnataka Two) Private Limited	40	Charanka	Patan	Gujarat	02/05/2016	09/05/2016
Renew Clean Energy Private Limited	51	Bhensarwas	Ashok Nagar	Madhya Pradesh	03/05/2016	10/05/2016
Aalok Solarfarms Limited	10	Badisid	Jodhpur	Rajasthan	04/05/2016	11/05/2016
Abha Solarfarms Limited	10	Badisid	Jodhpur		04/05/2016	11/05/2016
Heramba Renewables Limited	20	Hanawat Nagar	Jodhpur		05/05/2016	12/05/2016
Shreyas Solarfarms Limited	20	Khetusar Nagar	Jodhpur		06/05/2016	13/05/2016
ReNew Solar Energy (Telangana) Private Limited	143	Dharamaraopet & Kankal	Nizamabad	Telangana	07/09/2015	14/09/2015
Renew Mega Solar Power Private Limited	48	Andugulapet	Adilabad		08/09/2015	15/09/2015
Renew Saur Shakti Private Limited	30	Vangara	Karimnagar		09/09/2015	16/09/2015
	65	Minpur	Medak		10/09/2015	17/09/2015

Renew Wind Energy (TN2) Private Limited	100	Gudibanda	Mahabubnagar		11/09/2015	18/09/2015
Prathamesh Solarfarms Limited	50	Dodaguntapally	Mahabubnagar		12/09/2015	19/09/2015