Monitoring Report

CARBON OFFSET UNIT (CoU) PROJECT





Title: 2.92 MW Bundled Wind & Solar Power Project by M/s Colourtex Industries Pvt. Ltd.

Version 1.0

MR Date: 13-07-2026

1st CoU Issuance Period: 01/10/2024 to 31/12/2025 (1 Year & 3 Months)

1st Monitored Period: 01/10/2024 to 31/12/2025 (1 Year & 3 Months)

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MONITORING REPORT (MR)
CARBON OFFSET UNIT (CoU) ROJECT

BASIC INFORMATION	
Title of the project activity	2.92 MW Hybrid Power Project by M/s CTX Life Science Pvt. Ltd.
Scale of the project activity	Small Scale
Completion date of the PCN	13-07-2026
UCR Registration ID	594
Project participants	CTX Life Science Pvt. Ltd. (Project Proponet)
Host Party	India
Applied methodologies and standardized baselines	Applied Baseline Methodology: AMS-I.D: Grid connected renewable electricity generation--- Version 18.0
Sectoral scopes	01 Energy industries (Renewable/Non-Renewable Sources)
Estimated amount of total GHG emission reductions	2024: 958 COUs (958 tCO2eq)
	2025: 5209 COUs (5209 tCO2eq)
TOTAL	**6167 COUs (6167 tCO2eq)**

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SECTION A. Description of project activity

A.1. Purpose and general description of project activity >>

a) Purpose of the project activity and the measures taken for GHG emission reductions >>

The title of the project activity is "2.92 MW Hybrid Power Project by M/s CTX Life Science Pvt. Ltd. " (herein after called as project proponent 'PP'), is a Hybrid Power Project located in the Ora and Gandhar in Bharuch, in the state of Gujarat. The project is an operational activity with continuous reduction of GHG, currently being applied under "Universal Carbon Registry" (UCR).

Purpose of the project activity:

The purpose of the proposed project activity is to generate electricity from a clean and renewable source of energy. The project has been promoted by **M/s CTX Life Science Pvt. Ltd.** and was commissioned on **30/09/2024**, as certified by the **Gujarat Energy Development Agency (GEDA),** Government of Gujarat, India.

The project is connected to the grid through **Dakshin Gujarat Vij Company Limited (DGVCL**), the associated distribution company (DISCOM) for the project activity.

Commissioning dates of the Wind Turbine Generators installed are shown in the below table:

Sr. No.	Location ID	WTG ID No.	Capacity (MW)	Commissioning Date
1	GDR 4	WSHP/CTXLSPL/SUZLON/2100/24-25/382	2.1	30-09-2024

SOLAR PROJECT			
Sr. No.	**Solar ID**	**Capacity (MW)**	**Commissioning Date**
1	Ora	0.825	30-09-2024

b) Brief description of the installed technology and equipment>>

Project Name- 2.92 MW Bundled Wind & Solar Power Project by M/s Colourtex Industries Pvt. Ltd. Technical Details of the Installed WTG-

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1	Rotor diameter	120 m
2	Tower height	138.10m
3	Tower type	Hybrid lattice tower (HLT)
4	Hub height	140 m
5	Foundation level	Site-specific (0.5 m)

Description	Information
Wind	IEC S
WTG certification Scheme	IEC 61400-1 edition 3
Estimated service life	20 years
Ambient temperature range – operation	HTV light : "0 to 45 °C"
Ambient temperature range – Survival	HTV light : "0 to 50 °C"
A-factor (scale parameter)	8.15 m/s
Form factor (shape parameter) k	2.0 and 2.5
Annual average wind speed	7.25 m/s
Vertical average shear component	0.2
Extreme wind speed (10-minute average)	36.5 m/s / 35.0 m/s
Survival wind speed (3-second average)	51.1 m/s / 49.0 m/s
Reference turbulence intensity according to IEC 61400	0.14
Air density	1.16 kg/m^3
Altitude (Height above sea level)	Max. 1000 m above sea level (refers to tower bottom ground level)

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Details of Solar Installation

Details of Solar Panels	EMMVEE, E540HOBG144,E545HOBG144, 540 Wp and 545 Wp
Details of Inverters	Wattpower, WP-330KTL-H1 ,275 Ac

The project will generate approximately 8362.99 MWh of electricity per annum. The net generated electricity from the project activity is for captive consumption by the project proponent. Wheeling agreement is signed between PP and Dakshin Gujarat Vij Company Limited (DGVCL). The project activity has been helping in greenhouse gas (GHG) emission reduction by using renewable resources (wind energy) for generating power which otherwise would have been generated using grid mix power plants, which is dominated by fossil fuel based thermal power plants. The estimated annual average and the total CO2e emission reduction by the project activity is expected to be 6167 t/CO2, whereas actual emission reduction achieved during the first CoU period shall be submitted as a part of first monitoring and verification.

Since the project activity generates electricity through wind and solar energy, a clean renewable energy source it will not cause any negative impact on the environment and thereby contributes to climate change mitigation efforts.

c) Relevant dates for the project activity

UCR Project ID: 594
Start Date of Crediting Period: 01/10/2024
Project Commissioned: 2024

d) Total GHG emission reductions achieved or net anthropogenic GHG removals by sinks achieved in this monitoring period>>

The total GHG emission reductions achieved in this monitoring period is as follows:

Summary of the Project Activity and ERs Generated for the Monitoring Period	
Start date of this Monitoring Period	01/01/2022
Carbon credits claimed up to	31/12/2025
Total ERs generated (tCO_{2eq})	6167 tCO_{2eq}

Leakage	0

e) Baseline Scenario>>

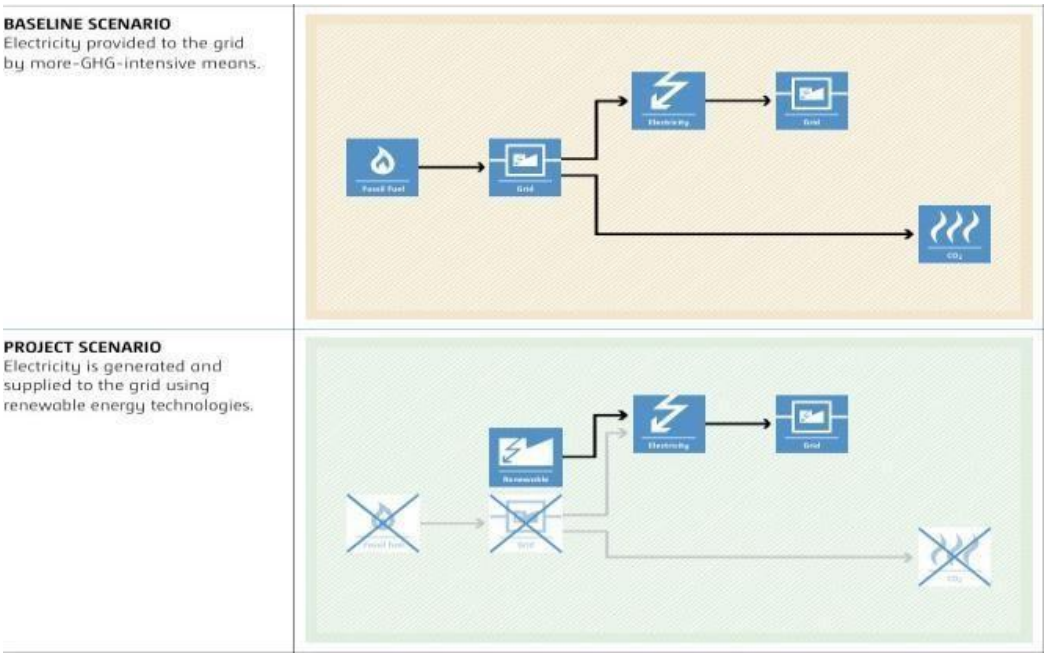
The baseline scenario identified at the PCN stage of the project activity is:

- Grid

In the absence of the project activity, the equivalent amount of electricity would have been imported from the regional grid (which is connected to the unified Indian Grid system (NEWNE Grid)), which is carbon intensive due to predominantly sourced from fossil fuel-based power plants. Hence, baseline scenario of the project activity is the grid-based electricity system, which is also the pre- project scenario.

Schematic diagram showing the **baseline scenario**:

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A.2. Location of project activity>>

Village	:	Gandhar, Ora
Taluka	:	Vagra
District	:	Bharuch
State	:	Gujarat
Country	:	India

Coordinates of the project are given in the following table.

Sr. No.	WTG ID	Latitude	Longitude	District
1	GDR 4	21.8645	72.9023	

Sr. No.	Solar ID	Latitude	Longitude	District
1	ORA	21.864750	72.891861	Bharuch

The representative location map is included below:

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A.3. Parties and project participants >>

Party (Host)	Participants
India	**M/s CTX Life Science Pvt. Ltd. (Project Proponent)** 91, Udhna Navsari Road, Bhestan, Opp Fluorine Mill, Surat, Gujarat, 395003

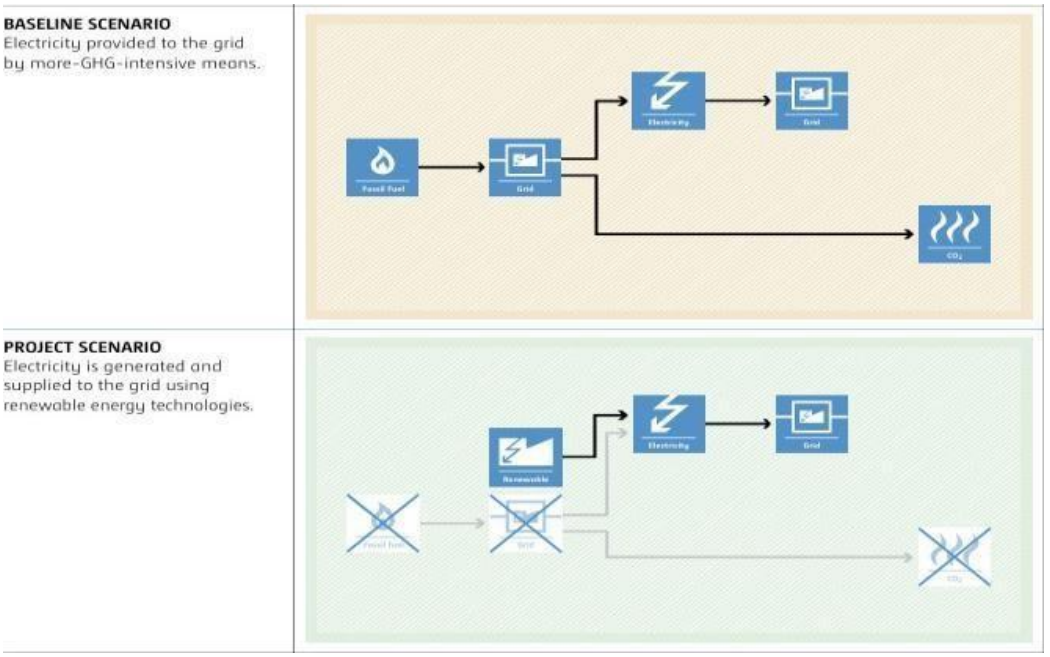
A.4. References to methodologies and standardized baselines >>

The baseline scenario identified at the PCN stage of the project activity is:

- Grid

In the absence of the project activity, the equivalent amount of electricity would have been imported from the regional grid (which is connected to the unified Indian Grid system (NEWNE Grid)), which is carbon intensive due to predominantly sourced from fossil fuel-based power plants. Hence, baseline scenario of the project activity is the grid-based electricity system, which is also the pre- project scenario.

Schematic diagram showing the **baseline scenario**:



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A.5. Crediting period of project activity >>

UCR Monitored Period: 01
1st UCR Monitoring Period: 01/10/2024 to 31/12/2025 (1 Year & 3 Months)
1st UCR Crediting Period: 01/10/2024 to 31/12/2025 (1 Year & 3 Months)

Contact information of responsible persons/entities >>

Particular	Details
Name	Rajesh Aggravat
Company	CTX Life Science Pvt. Ltd
Address	91, Udhna Navsari Road, Bhestan, Opp Fluorine Mill, Surat, Gujarat, 395003
Email	rajesh.agravat@colourtex.co.in

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SECTION B. Implementation of project activity

B.1. Description of implemented registered project activity >>

a) Provide information on the implementation status of the project activity during this monitoring period in accordance with UCR PCN>>

2.92 MW Hybrid Power Project by M/s CTX Life Science Pvt. Ltd located in Bharuch, in the state of Gujarat has been effectively implemented and operational during the monitoring period from January 1st 2024, to December 31st, 2025.

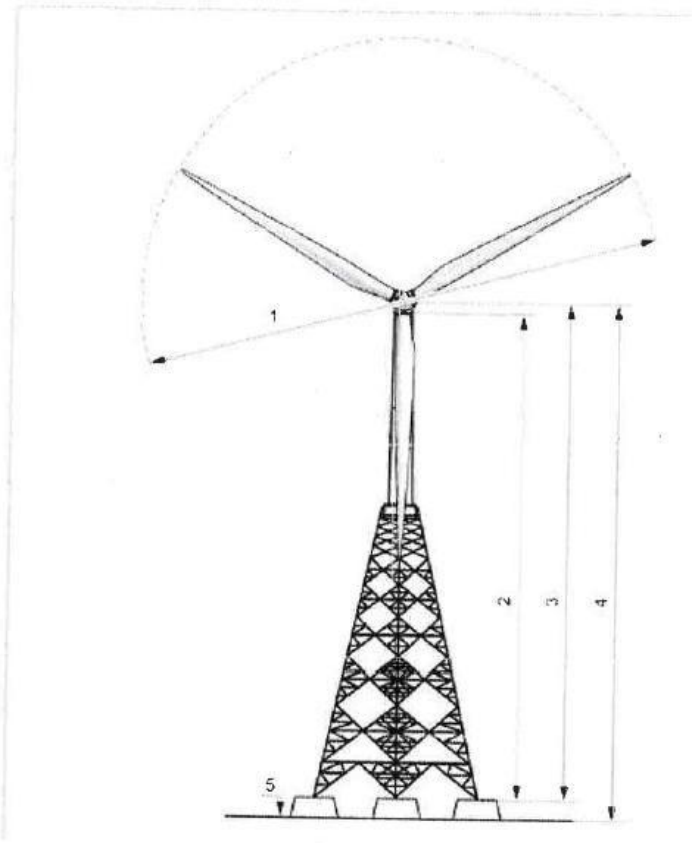
Throughout the monitoring period, the project has maintained rigorous Quality Assurance and Quality Control (QA&QC) measures to ensure data reliability and transparency. These measures include continuous monitoring and daily data submission to the project proponent (PP), with regular calibration and inspection of metering devices according to state electricity board specifications to ensure accurate readings.

No significant changes were reported regarding the start date of the crediting period, and the project has adhered to the original monitoring plan. The project has not involved any retrofit measures or technology transfers from Annex I countries and does not receive public funding from Official Development Assistance (ODA) or Annex I countries, ensuring its sustainability and independence. Overall, the 2.92MW Hybrid Power Project by M/s CTX Life Science Pvt. Ltd has successfully generated substantial amounts of clean electricity during the monitoring period, contributing significantly to greenhouse gas emission reductions and supporting India's renewable energy targets

b) For the description of the installed technology(ies), technical process and equipment, include diagrams, where appropriate>>

Diagram of the installed Windmill at all the locations with aggregated capacity of 2.1 MW:

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In the absence of the project activity the equivalent amount of electricity would have been generated from the connected/ new power plants in the NEWNE grid, which are/ will be predominantly based on fossil fuels, hence baseline scenario of the project activity is the grid-based electricity system, which is also the pre-project scenario.

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SECTION B. Application of methodologies and standardized baselines

B.1. References to methodologies and standardized baselines >>

SECTORAL SCOPE:

01, Energy industries (Renewable/Non-renewable sources)

TYPE:

I - Renewable Energy Projects

CATEGORY:

AMS-I.D. (Title: "Grid connected renewable electricity generation", version 18)

B.2. Do no harm or Impact test of the project activity>>

This project is a Greenfield activity where grid power is the baseline. Indian grid system has been predominantly dependent on power from fossil fuel powered plants. The renewable power generation is gradually contributing to the share of clean & green power in the grid; however, grid emission factor is still on higher side which defines grid as distinct baseline.

The Government of India has stipulated following indicators for sustainable development in the interim approval guidelines for such projects which are contributing to GHG mitigations. The Ministry of Environment, Forests & Climate Change, has stipulated economic, social, environment and technological well-being as the four indicators of sustainable development. It has been envisaged that the project shall contribute to sustainable development using the following ways:

Social well-being:

There has been good employment opportunities created for the local workforce during the project construction phase. The project after implementation has also continued to provide employment opportunities for the local populace in a sustained manner and the same would be continued over the project life time. The employment opportunities created will contribute towards alleviation of poverty in the surrounding area throughout the lifetime of the project activity.

Economic well-being:

The project is a clean technology investment decided based on carbon revenue support, which signifies flows of clean energy investments into the host country. The project activity requires temporary and permanent, skilled and semi-skilled manpower at the project location; this will create additional employment opportunities in the region. The plant will reduce the demand from the grid. In addition, improvement in infrastructure will provide new opportunities for industries and economic activities to be setup in the area. Apart from getting better employment opportunities, the local people will get better prices for their land, thereby resulting in overall economic development.

Technological well-being:

The project activity employs state of art technology which has high power generation potential with optimized utilization of land. The successful operation of project activity would lead to promotion of this technology and would further push R&D efforts by technology providers to develop more efficient and better machinery in

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future. Hence, the project leads to technological well-being.

Environmental well-being:

The project activity will generate power using zero emissions wind- based power generation facility which helps to reduce GHG emissions and specific pollutants like SOx, NOx, and SPM associated with the conventional thermal power generation facilities. The project utilizes wind energy for generating electricity which is a clean source of energy. The project activity will not generate any air pollution, water pollution or solid waste to the environment which otherwise would have been generated through fossil fuels. Thus, the project causes no negative impact on the surrounding environment contributing to environmental well-being.

SDG	Relevant SDG Target	Description – How the Project Contributes
 **SDG 7** Affordable and Clean Energy	Target 7.2: By 2030, increase substantially the share of renewable energy in the global energy mix.	The project deploys solar photovoltaic as well as wind turbine technology to generate renewable electricity, thereby increasing the share of clean energy in the regional power mix and enhancing energy security.
 **SDG 8** Decent Work and Economic Growth	Target 8.4: Improve progressively, through 2030, global resource efficiency in consumption and production.	The project supports sustainable industrial growth by creating skilled and semi-skilled employment during installation, operation, and maintenance of solar facilities while promoting clean technology.
 **SDG 13** Climate Action	Target 13.2: Integrate climate change measures into national policies, strategies and planning.	This 2.95 MW project meet the SDG 13 goal by saving fossil fuel and produce clean energy. The project is expected to reduce 6167 t/CO2 emissions per year by displacing fossil fuel-based grid electricity with solar power, thereby contributing to climate change mitigation and low-carbon development.

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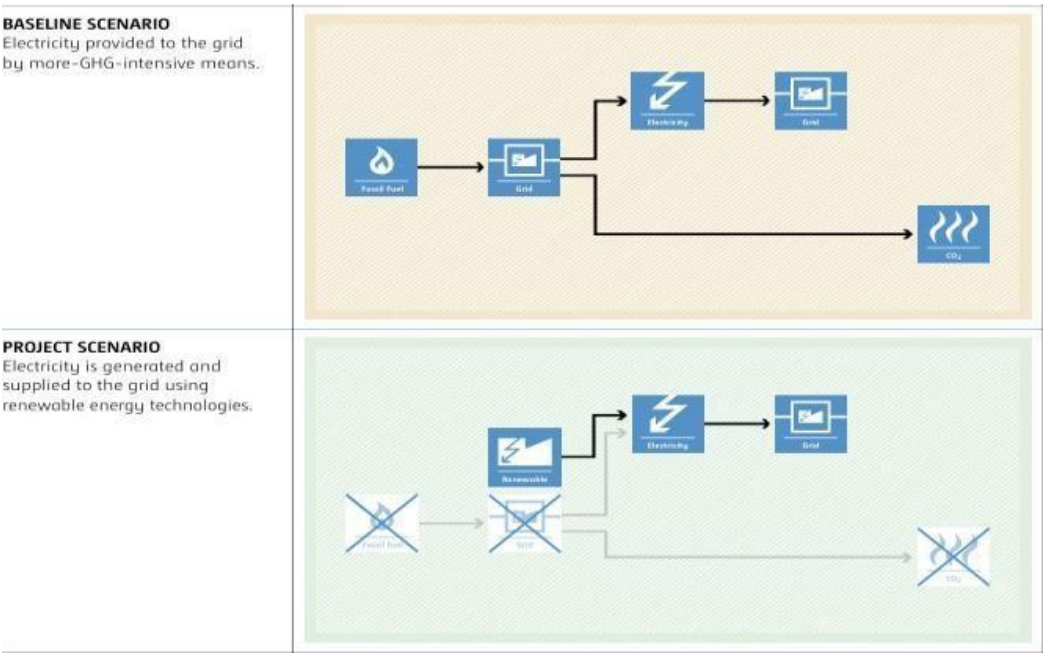
B.3. Baseline Emissions>>

The baseline scenario identified at the PCN stage of the project activity is:

- Grid

In the absence of the project activity, the equivalent amount of electricity would have been imported from the regional grid (which is connected to the unified Indian Grid system (NEWNE Grid)), which is carbon intensive due to predominantly sourced from fossil fuel-based power plants. Hence, baseline scenario of the project activity is the grid-based electricity system, which is also the pre- project scenario.

Schematic diagram showing the **baseline scenario**:



B.4. Debundling>>

This project activity is not a debundled component of a larger project activity.

SECTION C. Application of methodologies and standardized baselines

C.1. References to methodologies and standardized baselines >>

C.2. SECTORAL SCOPE:

01, Energy industries (Renewable/Non-renewable sources)

TYPE:

I - Renewable Energy Projects

CATEGORY:

The project activity is approved under the positive list of approved activities under the UCR CoU Standard

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Sectoral Scope	01, Energy industries (Renewable/Non-renewable sources)
Type	I - Renewable Energy Projects
Scale	Small Scale
Category	AMS-I.D. (Title: "Grid connected renewable electricity generation", version 18)

Illustration of respective situations under which each of the methodology ("AMS-I.D.: Grid connected renewable electricity generation", "AMS-I.F.: Renewable electricity generation for captive use and mini-grid" and "AMS-I.A.: Electricity generation by the user") applies is included in Table 2 below.

Table 2. Applicability of AMS-I.D, AMS-I.F and AMS-I.A based on project types

	Project type	AMS-I.A	AMS-I.D	AMS-I.F
1	Project supplies electricity to a national/regional grid		√	
2	Project displaces grid electricity consumption (e.g. grid import) and/or captive fossil fuel electricity generation at the user end (excess electricity may be supplied to a grid)			√
3	Project supplies electricity to an identified consumer facility via national/regional grid (through a contractual arrangement such as wheeling)		√	
4	Project supplies electricity to a mini grid[5] system where in the baseline all generators use exclusively fuel oil and/or diesel fuel			√
5	Project supplies electricity to household users (included in the project boundary) located in off grid areas	√		

Figure 1 Applied Conditions: 1 & 3

C.3. Applicability of methodologies and standardized baselines >>

Applicability Criterion	Project Case
1. This methodology comprises renewable energy generation units, such as photovoltaic, hydro, tidal/wave, wind, geothermal and renewable biomass: Supplying electricity to a national or a regional grid; or Supplying electricity to an identified consumer facility via national/regional grid through a contractual arrangement such as wheeling.	The project activity is a Renewable Energy Project i.e., wind power project which sell its energy to the grid and falls under applicability criteria option 1 point (a). Thus, this project activity fulfil this criterion.

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2. This methodology is applicable to project activities that: a. Install a Greenfield plant. b. Involve a capacity addition in (an) existing plant(s) c. Involve a retrofit of (an) existing plant(s) d. Involve a rehabilitation of (an) existing plant(s)/unit(s); or e. Involve a replacement of (an) existing plant(s).	The option (a) of applicability criteria 2 is applicable as project is a Greenfield plant /unit. Hence the project activity meets the given applicability criterion
3. Hydro power plants with reservoirs that satisfy at least one of the following conditions are eligible to apply this methodology: (a) The project activity is implemented in existing reservoir, with no change in the volume of the reservoir; or (b) The project activity is implemented in existing reservoir, where the volume of the reservoir(s) is increased and the power density as per definitions given in the project emissions section, is greater than 4 W/m2. (c) The project activity results in new reservoirs and the power density of the power plant, as per definitions given in the project emissions section, is greater than 4 W/m2	The project activity involves installation of Solar PV (SPV); hence, this criterion is not applicable.
4. If the new unit has both renewable and non-renewable components (e.g. a wind/diesel unit), the eligibility limit of 15 MW for a small-scale CDM project activity applies only to the renewable component. If the new unit co-fires fossil fuel, the capacity of the entire unit shall not exceed the limit of 15 MW.	The proposed project is 4MW solar power project, i.e., only component is renewable power project below 15 MW, thus the criterion is not applicable to this project activity.

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5. Combined heat and power (co-generation) systems are not eligible under this category	This is not relevant to the project activity as the project involves only solar power generating units.
6. In the case of project activities that involve the capacity addition of renewable energy generation units at an existing renewable power generation facility, the added capacity of the units added by the project should be lower than 15 MW and should be physically distinct1 from the existing units.	There is no other existing renewable energy power generation facility at the project site. Therefore, this criterion is not applicable.
7. In the case of retrofit, rehabilitation or replacement, to qualify as a small-scale project, the total output of the retrofitted, rehabilitated or replacement power plant/unit shall not exceed the limit of 15 MW.	
8. In the case of landfill gas, waste gas, wastewater treatment and agro-industries projects, recovered methane emissions are eligible under a relevant Type III category. If the recovered methane is used for electricity generation for supply to a grid, then the baseline for the electricity component shall be in accordance with procedure prescribed under this methodology. If the recovered methane is used for heat generation or cogeneration other applicable Type-I methodologies such as "AMS-I.C.: Thermal energy production with or without electricity" shall be explored.	This is not relevant to the project activity as the project involves only solar power generating units.

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9. In case biomass is sourced from dedicated plantations, the applicability criteria in the tool "Project emissions from cultivation of biomass" shall apply.	No biomass is involved, the project is only a solar power project and thus the criterion is not applicable to this project activity.

C.4 Applicability of double counting emission reductions >>

There is no double accounting of emission reductions in the project activity due to the following reasons:

- Project is uniquely identifiable based on its location coordinates,
- Project has dedicated commissioning certificate and connection point,
- Project is associated with energy meters which are dedicated to the consumption point for project developer.

C.5. Project boundary, sources and greenhouse gases (GHGs)>>

As per applicable methodology AMS-I.D. Version 18, "The spatial extent of the project boundary includes the project power plant, and all power plants connected physically to the electricity system that the project power plant is connected to."

Thus, the project boundary includes the Solar PV system and the Indian grid system.

Sources		Gas	Included?	Justification/Explanation
Baseline	Grid Connected Electricity generation	CO2	Yes	Main emission source
		CH4	No	Minor emission source
		N2O	No	Minor emission source
		Other	No	No other GHG emissions were emitted from the project
Project	Greenfield Electric Power project Activity	CO2	No	No CO2 emissions are emitted from the project
		CH4	No	Project activity does not emit CH4
		N2O	No	Project activity does not emit N2O
		Other	No	No other emissions are emitted from the project

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B.5. Establishment and description of baseline scenario (UCR Protocol) >>

This section provides details of emission displacement rates/coefficients/factors established by the applicable methodology selected for the project.

As per para 19 of the approved consolidated methodology AMS-I.D. Version 18, if the project activity is the installation of a new grid-connected renewable power plant/unit, the baseline scenario is the following:

"The baseline scenario is that the electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources into the grid".

The project activity involves setting up of a new wind power plant to harness the green power from wind energy and to use for captive purpose via grid interface through wheeling arrangement. In the absence of the project activity, the equivalent amount of power would have been supplied by the Indian grid, which is fed mainly by fossil fuel fired plants. The power produced at grid from the other conventional sources which are predominantly fossil fuel based. Hence, the baseline for the project activity is the equivalent amount of power produced at the Indian grid.

A "grid emission factor" refers to a CO2 emission factor (tCO2/MWh) which will be associated with each unit of electricity provided by an electricity system. The Universal Carbon Registry (UCR) recommends a default conservative emission factor of 0.9 tCO_2/MWh for the vintage years 2013–2023.

The project uses a more recent and conservative figure of 0.757 tCO_2/MWh for the 2024 vintage year, and 0.736 for the 2025 vintage year which is aligned with the combined margin emission factor calculated by the Central Electricity Authority (CEA) in India. This emission factor reflects a weighted average of both the operating margin and build margin and considers the growing contribution of renewable energy but still reflects the dominance of fossil fuel-based generation. As this value results in higher emissions than the default factor, it has been used for emission reduction calculations to ensure a conservative and credible approach.

Net GHG Emission Reductions and Removals

Thus, $ER_y = BE_y - PE_y -$

LE_y Where:

ER_y = Emission reductions in year y (tCO_2/y) BE_y

= Baseline Emissions in year y (t CO_2/y) PE_y =

Project emissions in year y (tCO_2/y) LE_y = Leakage

emissions in year y (tCO_2/y)

Baseline Emissions

Baseline emissions include only CO_2 emissions from electricity generation in power plants that are displaced due to the project activity. The methodology assumes that all project electricity generation above baseline levels would have been generated by existing grid-connected power plants and the addition of new grid-connected power plants. The baseline emissions are to be calculated as follows:

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$$BE_y = EG_{PJ,y} \times EF_{grid,y}$$

BE_y	=	Baseline emissions in year y (tCO_2)
$EG_{PJ,y}$	=	Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the CDM project activity in year y (MWh)
$EF_{grid,y}$	=	UCR recommended emission factor of 0.9 tCO_2/MWh has been considered. (Reference: General Project Eligibility Criteria and Guidance, UCR Standard, page 4)

Project Emissions

As per Paragraph 39 of AMS-I.D. version-18, only emission associated with the fossil fuel combustion, emission from operation of geo-thermal power plants due to release of non- condensable gases, emission from water reservoir of Hydro should be accounted for the project emission.

Since the project activity is a solar and wind electric power project, it's emission from renewable energy plants is nil.

Thus, **PE** = **0**

Leakage

As per paragraph 42 of AMS-I.D. version-18, 'If the energy generating equipment is transferred from another activity, leakage is to be considered.' In the project activity, there is no transfer of energy-generating equipment, and therefore the leakage from the project activity is considered zero.

Hence, **LE** = **0**

The actual emission reduction achieved during the first CoU period shall be submitted as a part of first monitoring and verification. However, for the purpose of an ex-ante estimation, following calculation has been submitted:

Estimated annual baseline emission reductions (BEy)

6167 tCO2/year (i.e., 6167 CoUs/year)

C.6. Prior History>>

The project was not applied under any other GHG mechanism. Hence project will not cause double accounting of carbon credits (i.e., COUs).

C.7. Monitoring period number and duration>>

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UCR Monitored Period: 01

1st UCR Monitoring Period: 01-10-2024 to 31-12-2025 (1 Year and 3 Months)

1st UCR Crediting Period: 01-10-2024 to 31-12-2025 (1 Year & 3 Months)

C.8. Changes to start date of crediting period >>

The crediting period under UCR has been considered 01/01/2024

C.10. Permanent changes from PCN monitoring plan, applied methodology or applied standardized baseline >>

Not applicable.

C.11. Monitoring plan>>

Data and Parameters available at validation (ex-ante values):

Data / Parameter	UCR recommended emission factor
Data unit	tCO_2 /MWh
Description	A "grid emission factor" refers to a CO2 emission factor (tCO2/MWh) which will be associated with each unit of electricity provided by an electricity system. The Universal Carbon Registry (UCR) recommends a default conservative emission factor of 0.9 tCO_2/MWh for the vintage years 2013–2023. The project uses a more recent and conservative figure of 0.757 tCO_2/MWh for the 2024 vintage year, and 0.736 for the 2025 vintage year which is aligned with the combined margin emission factor calculated by the Central Electricity Authority (CEA) in India. This emission factor reflects a weighted average of both the operating margin and build margin and considers the growing contribution of renewable energy but still reflects the dominance of fossil fuel-based generation. As this value results in higher emissions than the default factor, it has been used for emission reduction calculations to ensure a conservative and credible approach.
Source of data	https://a23e347601d72166dcd6-16da518ed3035d35cf0439f1cdf449c9.ssl.cf2.rackcdn.com//Documents/ UCRStandardJan2022updatedVer3_110122005517752478.pdf
Value applied	0.9
Measurement methods and procedures	-
Monitoring frequency	Ex-ante fixed parameter
Purpose of Data	For the calculation of Emission Factor of the grid

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Data and Parameters to be monitored (ex-post monitoring values):

Data / Parameter	$EG_{PJ,facility,\ y}$
Data unit	MWh
Description	Net electricity supplied to the NEWNE grid facility by the project activity
Source of data	Wind energy certificate issued by GETCO (Gujarat Energy Transmission Corporation Limited)
Measurement procedures (if any):	Data Type: Measured Monitoring equipment: Energy Meters are used for monitoring Archiving Policy: Electronic Calibration frequency: Once in 5 years (considered as per provision of CEA India). The net electricity generated by the project activity will be calculated from net electricity supplied to grid from the share certificate issued by state utility (currently GETCO) on monthly basis for respective WTGs. The amount of energy supplied by the WTGs are continuously monitored and recorded once a month. The same can be cross-checked from the State utility website which is publicly available.
Measurement Frequency:	Monthly
QA/QC procedures applied:	Continuous monitoring, hourly measurement monthly recording. Tri-vector (TVM)/ABT energy meters with accuracy class 0.2s
Purpose of data:	The Data/Parameter is required to calculate the baseline emission.

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Annexure 1: Vintage wise MWh claim

Total MWH			
Year	Wind	Solar	Total
2024	956.15	312.62	1268.77
2025	5477.43	1616.80	7094.23
Total	8362.999		

Appendix 2: Vintage wise CoU claim:

Total CoUs			
Year	Wind	Solar	Total
2024	723.00	235.00	958
2025	4027	1182	5209
Total	6167		

Appendix 3: Commissioning Certificate:

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GEDA
ગુજરાત ઊર્જા વિકાસ એજન્સી
GUJARAT ENERGY DEVELOPMENT AGENCY
A Government of Gujarat Organisation

Ref: - GEDA/WSH/CTXLSPL/10/2024-25/4168 Date: - 22/10/2024

CERTIFICATE OF COMMISSIONING

This is to certify that, **M/s. CTX Lifesciences (P) Ltd, Block No. 251-252, Sachin Magdalla Road, GIDC Sachin, Surat – 394230, Gujarat, India** has commissioned **2.925 MW (2.1 MW Wind + 0.825 MW (AC) SPV)**capacity Wind Solar Hybrid Project. The details of Wind Turbine Generators, Solar PV Plant and date of commissioning are given below.

A. Details of Wind Component:

Make of each Wind Turbine Generator (WTG)	M/s. Suzlon
Capacity of each Wind Turbine Generator	2100 kW
No. of Wind Turbine Generator/s	1 Nos. (One)
Total capacity of the Wind Component	2.1 MW

Details of site installation

SR NO	WTG Location No.	Village	Taluka	District	Survey No	Type of land	GEDA ID
1	GDR 4	Gandhar	Vagra	Bharuch	645	Pvt	WSHP/CTXLSPL/SUZLON/2100/24-25/382

B. Details of Solar PV Plant: 0.825 MW (AC) in Dist.: Bharuch with following details.

Sr. No.	Village	Taluka	District	Survey No	Details of SPV cell	Details of Invertor
1	Ora	Vagra	Bharuch	352	PV Cell: Make: Solar Emmvee 1848 X 545Wp	Invertor: Wattpower 3 Nos. X 275 kW
					1.007 MW (DC)	**0.825 MW (AC)**
RFID details of SPV Modules & Inverter					https://srtgeda.gujarat.gov.in/app-docs/rfid_upload_file/ec4d673ef950b1b9144a41e5a13f06156b	

C. Details of Power Evacuation for Wind Solar Hybrid Project:

Connected Pooling Substation	66/33kV Substation at Village: Ora Taluka: Vagra District: Dharuch
Connected GETCO Substation	66kV GETCO Sub-station at Vagra.

22/10/24

ચોથો માળ, બ્લોક નં. ૧૧ અને ૧૨ ઉદ્યોગભવન
સેક્ટર-૧૧, ગાંધીનગર - ૩૮૨ ૦૧૭.
4th Floor, Block No. 11-12, Udhyogbhavan,
Sector-11, Gandhinagar-382017. India.
Ph. : 079-232 57251-53
Fax : +91 79 232-47097, 57255
e-mail : director@geda.org.in
www.geda.gujarat.gov.in

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D. Electricity Generation Report for the Purpose of Commissioning of Wind Solar Hybrid Project.

Wind Component:

Sr. No.	WTG ID No.	Date	Time (Hrs.)		Meter (kWh)		
			From	To	Initial	Final	Diff.
1	WSHP/CTXLSPL/SUZLON/2100/24-25/382	30.09.2024	18:54	19:24	170	240	70

Solar Component:

Date	Time (Hrs.)		Energy Exported by Solar Power Plant 33kV ABT meter				
	From	To	Initial Readings	Final Readings	Diff.	MF	Net Gen. KWH
30.09.2024	12:30	16:19	1.7	2.89	1.19	1200	1428

For Gujarat Energy Development Agency

22/10/24

(Harish Khiya)
Sr. Project Executive (I/c.)

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