



Monitoring report form for CDM project activity
(Version 08.0)

MONITORING REPORT

| | | | |
|---|---|--|-------------------------------------|
| Title of the project activity | 9.5 MW wind energy based power generation by Interocean Group | | |
| UNFCCC reference number of the project activity | 10262 | | |
| Version number of the PDD applicable to this monitoring report | 3.1 | | |
| Version number of this monitoring report | 01 | | |
| Completion date of this monitoring report | 05/10/2021 | | |
| Monitoring period number | 01 | | |
| Duration of this monitoring period | 08/05/2017 to 19/02/2019 | | |
| Monitoring report number for this monitoring period | 01 | | |
| Project participants | Interocean Shipping (I) Pvt. Ltd. | | |
| Host Party | India | | |
| Applied methodologies and standardized baselines | AMS-I.D: "Grid connected renewable electricity generation" Reference: Version-18, EB-81, valid from – 28/11/2014 | | |
| Sectoral scopes | 01 | | |
| Amount of GHG emission reductions or net anthropogenic GHG removals achieved by the project activity in this monitoring period | Amount achieved before 1 January 2013 | Amount achieved from 1 January 2013 until 31 December 2020 | Amount achieved from 1 January 2021 |
| | 0 tCO ₂ e | 28,286 tCO ₂ e | 0 tCO ₂ e |
| Amount of GHG emission reductions or net anthropogenic GHG removals estimated ex ante for this monitoring period in the PDD | 32,283 tCO ₂ e | | |

SECTION A. Description of project activity

A.1. General description of project activity

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The project activity is a bundled project activity involving installation and operation of 5 number of wind turbine generators (WTGs) comprises 3*2000kW (G97) manufactured & supplied by Gamesa Wind Turbines Pvt. Ltd, 1*2000kW manufactured & supplied by Inox Wind and 1*1500kW manufactured & supplied by Regen with aggregated installed capacity of 9.5MW in Dewas and Mandsaur districts of Madhya Pradesh state of India. The project activity is promoted by Intercean Shipping India Pvt. Ltd., Intercean Shipping Company and Intercean Projects Pvt. Ltd. with a view to align itself with sustainable development policies of India has undertaken this project to produce green power using wind as an energy source.

The project activity harnesses the available wind power potential to generate clean power in Madhya Pradesh which will be sold to the state electricity board. All the WTGs are connected to the NEWNE grid (now Indian grid). The project activity helps 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 commissioning of the WTGs are as below.

| WTG | Date of commissioning |
|----------|-----------------------|
| R22 | 01/04/2015 |
| GCH 235N | 30/12/2015 |
| GCH 119N | 30/12/2015 |
| Rh 06 | 17/02/2016 |
| NPY-P-74 | 15/06/2016 |

The project activity is operational with normal operation and maintenance during current monitoring period i.e. 08/05/2017 to 19/02/2019.

During the current monitoring period, that is from 08/05/2017 to 19/02/2019, the project activity has supplied 28,950.75 MWh of net electricity to the grid resulting in emission reduction of 28,286 tCO₂e.

A.2. Location of project activity

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The project is located in the state of Madhya Pradesh, India. Bardu, Jamonia, Guradiyadas, Kheda Dhamnar and Nipaniya villages are located in Dewas and Mandsaur district of Madhya Pradesh state about 50-80 km from Indore, nearest airport is at Indore and nearest railway station is at Dewas. The physical address and geographical coordinates of WTGs under the project is provided below:

| Unique ID | Latitude | Longitude | Address |
|-----------|------------------|------------------|---|
| Gch119 | 76° 16' 37.16" E | 23° 11' 0.29" N | Bardu, Dewas, Madhya Pradesh |
| Gch235N | 76° 18' 40.64" E | 23° 10' 55.36" N | Jamonia, Dewas, Madhya Pradesh |
| Rh06 | 75° 09' 37.9" E | 23° 53' 59.66" N | Kheda Dhamnar, Mandsaur, Madhya Pradesh |
| R22 | 76° 18' 49.48" E | 23° 09' 5.04" N | Guradiyadas, Dewas, Madhya Pradesh |
| NPY P-74 | 75° 38' 02.84" E | 24° 17' 50.44" N | Nipaniya, Mandsaur, Madhya Pradesh |



A.3. Parties and project participants

| Parties involved | Project participants | Indicate if the Party involved wishes to be considered as project participant (Yes/No) |
|------------------|---|--|
| India (host) | Private entity- Intercean Shipping (I) Pvt. Ltd | No |

A.4. References to applied methodologies and standardized baselines

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Following approved baseline & monitoring methodology is applied;

Title: Type-I, Renewable Energy Project.

Methodology: AMS-I.D - Grid Connected renewable electricity generation.

Version: 18, valid from 28/11/2014. Scope: 01, EB 81

Link: <http://cdm.unfccc.int/methodologies/DB/W3TINZ7KKWCK7L8WTXFQQFQQH4SBK>

The tools referenced in this methodology used for the proposed project includes:

- Tool to calculate the emission factor for an electricity system Version 05.0.0, Annex 09 of EB 87 Report.

<https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-07-v5.0.pdf>

- Demonstration of additionality of small-scale Project activities" Version 10 EB 83 Annex 14.

<https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-21-v11.0.pdf>

- Investment Analysis Version-07, EB92 Annex-5.

<https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-27-v7.0.pdf>

A.5. Crediting period type and duration

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The project activity has sought a 7-year renewable crediting period starting from 08/05/2017 to 07/05/2024.

SECTION B. Implementation of project activity

B.1. Description of implemented project activity

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The project activity is implemented and operated as per registered PDD. The project activity is a renewable energy based (wind energy) electricity generation project. The project activity has been

undertaken to harness the available wind power potential to generate clean power in Madhya Pradesh state of India. The project activity operates 5 number of sophisticated, state-of art Wind Turbine Generators (WTG) consisting of 4*2000kW and 1*1500kW with aggregated installed capacity of 9.5 MW. All the WTGs of proposed project activity are connected to NEWNE regional grid (now Indian grid).

The technical specifications of all the WTGs are as under:

| | | | |
|------------------------|--|---|---|
| Unique ID | NPY P-74 | Rh06 | Gch119N, GCH235N, and R22 |
| Turbine model | DF 2000 Inox | V87 Regen | G97 Gamesa |
| Rated power | 2000kW | 1500kW | 2000Kw |
| Rotor diameter | 93.3m | 87m | 97m |
| Hub height | 80m | 85m | 90m |
| Turbine type | TC III B | GL III B | Horizontal axis wind turbine with variable rotor speed. |
| Rated rotational speed | 15.9 | 9-17.3rpm | 9.6-17.8rpm |
| Number of blades | 3 | 3 | 3 |
| Wind cut in speed | 3 m/s | 3 m/s | 3 m/s |
| Rated wind speed | 11.5 m/s | 12 m/s | 12 m/s |
| Cut out wind speed | 20 | 22 m/s | 22 m/s |
| Gear box type | 2 planetary & 1 parallel | -- | 3 stages (1 planetary and 2 parallel) |
| Generator type | Double fed induction generator | Variable speed, Multipole synchronous, with permanent magnet excitation | Doubly-fed machine. |
| Breaking | Aerodynamic brake, full span independent blade pitching, mechanical disc brakes. | Aerodynamic brake, single or pitch control triple redundant | Aerodynamic and mechanical. |
| Output voltage | 690V | 690V | 690V |

The project activity helps 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 plant, which is dominated by fossil fuel based thermal power plants. The start date of the project activity is 27/02/2015 which is the date of purchase order of the first WTG, i.e., R22. The same was commissioned on 01/04/2015. Then subsequently the other WTGs were also commissioned. The following are the date of commissioning of all the project WTGs:

| WTG | Date of commissioning |
|----------|-----------------------|
| R22 | 01/04/2015 |
| GCH 235N | 30/12/2015 |
| GCH 119N | 30/12/2015 |
| Rh 06 | 17/02/2016 |
| NPY-P-74 | 15/06/2016 |

The project activity installed, operates 5 number Wind Turbine Generators (WTG) with aggregated installed capacity of 9.5 MW. The generated electricity is sold to the state electricity board of Madhya Pradesh, state of India. All the WTGs of the project are connected to the NEWNE regional grid (now Indian grid) which is dominated by fossil fuel based thermal power plants. There is no technology transfer involved in the project and the WTGs are designed in a way to work efficiently

without any interruption. The whole project was operational during the monitoring period i.e., 08/05/2017 to 19/02/2019 with normal operation and maintenance and there was no break down during current monitoring period.

B.2. Post-registration changes

B.2.1. Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents

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No deviation taken from registered monitoring plan and or applied methodology during current monitoring period.

B.2.2. Corrections

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There were no corrections from registered PDD during current monitoring period.

B.2.3. Changes to the start date of the crediting period

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There was no change to the start date of the crediting period for the project activity.

B.2.4. Inclusion of monitoring plan

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Not applicable

B.2.5. Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines, or other methodological regulatory documents

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There were no changes from registered monitoring plan, applied methodology during current monitoring period

B.2.6. Changes to project design

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No change in project design during current monitoring period.

B.2.7. Changes specific to afforestation or reforestation project activity

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Not applicable as the project is not A/R project activity.

SECTION C. Description of monitoring system

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The project activity includes 5 WTGs. The energy generated is monitored and recorded for all WTGs for the project activity without any sampling procedure. The project activity is operated and managed by the project proponent with the help of site in charge (personal from the project proponent) and site O & M contractor (respective personal from the wind turbine manufacturer). The project proponent has entered into comprehensive Operation & Maintenance contract with each of his supplier of Wind Electric Generators (INOX, Regen Powertech and Gamesa).

There are ABT meters installed at substation of accuracy class 0.2s. The meters are capable of recording export as well as import. The electricity exported and imported by all the WEGs (project activity as well as non-project activity) is recorded on a monthly basis by the representatives of the PP and state utility. The meters are calibrated at least once in every three years by state utility officials in the presence of PP, however the calibration is not in control of PP and state agency has full control on calibration and replacement.

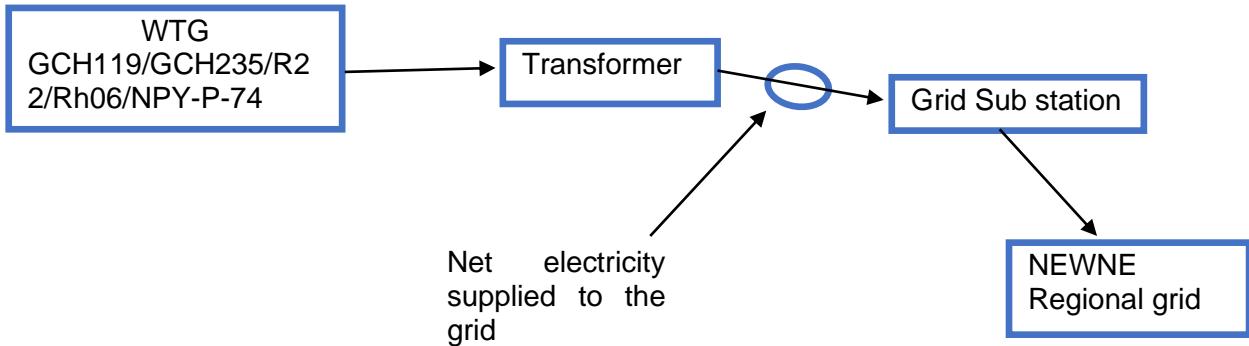


Fig. Line diagram with monitoring points for all the 5 sites.

Net Electricity Exported to the Grid by the project activity as per apportioning procedure followed by state utility for each state is given below:

Madhya Pradesh

- A Joint Meter Reading shall be taken by the representatives of WTG operator and Madhya Pradesh Paschim Kshetra Vidyut Vitaran Company Ltd. (MPPKVCL) at the high voltage side of the step-up transformer installed at the substation at a particular date.
- In case the main metering system is not in service, then the check metering system shall be used until the main system is back to service.
- Meter reading would be jointly signed by both the representatives.
- The main and the check metering systems shall be sealed in presence of representatives of Power producers, WTG operator and MPPKVCL.
- When any of these metering systems is found to be outside acceptable limits of accuracy or otherwise not functioning properly, it shall be repaired, recalibrated or replaced.
- PP will raise a monthly energy bill/statement based on the JMR/share certificates at the end of each calendar month and the payment by State Electricity Board is done on this basis. The billing and payment records will be maintained by the PP.

Calculation of data:

$$EG_{\text{export}} = \frac{EG_{\text{controller per WEG}}}{\sum_{i=1}^{\text{total}} EG_{\text{controller, windfarm}}} \times EG_{\text{Gross export, SS}}$$

$$EG_{\text{import}} = \frac{EG_{\text{controller per WEG}}}{\sum_{i=1}^{\text{total}} EG_{\text{controller, windfarm}}} \times EG_{\text{Gross import, SS}}$$

Where,

| | |
|------------------------------------|--|
| $EG_{\text{controller per WEG}}$ | Electricity generated by one WEG as per controller report |
| $EG_{\text{controller, windfarm}}$ | Sum of panel readings of all WEGs connected to the wind farm, as per controller report |
| $EG_{\text{Gross export, SS}}$ | Total energy exported to the substation by the project activity |
| $EG_{\text{Gross import, SS}}$ | Total energy imported from the substation by the project activity |
| EG_{Export} | Electricity exported to the grid by the project activity |
| EG_{Import} | Electricity imported from the grid by the project activity |
| $EG_{\text{PJ,facility,y,MP}}$ | Net electricity supplied to the grid ($EG_{\text{export}} - EG_{\text{import}}$) |

Procedure for apportioning for the WTG of the project activity located in Madhya Pradesh:

Assuming,

X = Gross electricity generation at controller of the WTG of the project activity in Madhya Pradesh during the partial period of the corresponding period of main meter reading (kWh).

Y = Gross electricity generation at controller of the WTG of the project activity in Madhya Pradesh during the corresponding full period of main meter reading (kWh).

Therefore,

ratio of the gross electricity generation during the partial period (Z) = X/Y

If G = Net electricity supplied by the WTG of the project activity to the grid during the corresponding full period of main meter reading as per credit notes (kWh)

Then net electricity supplied by the WTG of the project activity in Madhya Pradesh to the grid during the partial period (for calculating emission reduction for partial period) = G*Z

Here, as the monitoring period starts from 08/05/2017 and ends on 19/02/2019. Apportioning needs to be done. The above procedure is followed to calculate the net electricity for the partial period.

QA/QC Procedures

There are one or two ABT meters (one main meter and one check meter) of 0.2s accuracy class at substation. If some defect occurs to the main meters, the check meters can be used to obtain the reading. All meters and yard meters are calibrated at least once in a three year by utility officials or its representatives.

The measurement results are cross checked with records of sole electricity such as invoices.

Data Management and Data Archiving

Copies of the break-up sheet, invoices raised on DISCOM and sales receipts will be retained and archived for the entire crediting period plus two years by the project proponent.

Emergency preparedness plan

Operation and Maintenance team is trained for emergency situations.

Training

Operation and maintenance team trains the staff on operation and maintenance aspects of the plant. The training ensures preventive maintenance and better operational control for the plant.

Data adjustments/uncertainties

- In case Main meter is found to be faulty/ damaged, during the monthly recording then the reading for that month would be taken from the back up meter for the purpose of billing. The defective main meter would be replaced and the subsequent readings would be taken from the new main meter.
- In case Backup meter is found to be faulty/ damaged, the defective backup meter would be replaced.
- During calibration / accuracy testing of the main and backup meter if an error is observed to be outside the permissible limits of accuracy then both the Main & backup meter are replaced immediately and the measured error from the recording meter would be applied to all the recorded readings conservatively since the date of last calibration/ accuracy test of that meter.

For the accurate execution of the Project activity a project team has been constructed. The project team is delegated with the responsibility of monitor and document the electricity generated and also safe keeping of the recorded data. The project team is also responsible for calculation of actual creditable emission reduction in the most transparent and relevant manner. The CDM monitoring team composed the following staffs:

| Position | Report to |
|---|------------------|
| Operators (WTG & Solar PV) | Site Engineer |
| Site Engineer (WTG operator & Solar PV Operator) | Site-in-charge |
| Site-in-charge (WTG operator & Solar PV Operator) | Project Owner |

| | |
|--------------------------------|---------------|
| CDM monitoring project manager | Project Owner |
|--------------------------------|---------------|

SECTION D. Data and parameters

D.1. Data and parameters fixed ex ante

| | |
|--|---|
| Data/Parameter | $EF_{OM, y}$ |
| Unit | tCO ₂ /MWh |
| Description | Operating Margin CO ₂ emission factor for the NEWNE Grid in year y |
| Source of data | CEA's "Baseline Carbon Dioxide Emission Database Version 10.0" |
| Value(s) applied | 0.98620 |
| Choice of data or measurement methods and procedures | Calculated in line with "Tool to calculate the emission factor for an electricity system (Version 05.0.0)" using data from Central Electricity Authority of India's (CEA) "Baseline Carbon Dioxide Emission Database Version 10.0". The value used is calculated ex-ante as generation based weighted average of last three years of the operating margin provided in the CEA database. Weighted average $= \sum_{i=1}^{n} (\text{Net generation in operating margin in year } i * \text{Simple operating margin in year } i) / \sum_{i=1}^{n} (\text{Net generation in operating margin of year } i)$ |
| Purpose of data/parameter | Calculation of baseline emissions |
| Additional comments | The value is fixed ex-ante |

| | |
|--|---|
| Data/Parameter | $EF_{BM, y}$ |
| Unit | tCO ₂ /MWh |
| Description | Build Margin CO ₂ emission factor for the NEWNE Grid in year y |
| Source of data | CEA's "Baseline Carbon Dioxide Emission Database Version 10.0" http://cea.nic.in/reports/others/thermal/tpece/cdm_co2/user_guide_ver10.pdf |
| Value(s) applied | 0.94954 |
| Choice of data or measurement methods and procedures | Calculated in line with "Tool to calculate the emission factor for an electricity system (Version 05.0.0)" using data from Central Electricity Authority of India's (CEA) "Baseline Carbon Dioxide Emission Database Version 10.0". The value is calculated ex-ante as most recent build margin provided by the CEA. |
| Purpose of data/parameter | Calculation of baseline emissions |
| Additional comments | The value is fixed ex-ante |

| | |
|--|--|
| Data/Parameter | $EF_{grid, y}$ |
| Unit | tCO ₂ /MWh |
| Description | Combined Margin CO ₂ emission factor for the NEWNE Grid in year y |
| Source of data | Central Electricity Authority(CEA) of India Database Version 10.0 http://cea.nic.in/reports/others/thermal/tpece/cdm_co2/user_guide_ver10.pdf |
| Value(s) applied | 0.97704 |
| Choice of data or measurement methods and procedures | This has been calculated based on Operating Margin (OM) and Build Margin (BM) published by Central Electricity Authority (CEA) of India. Please refer section B.6.1 for details. |
| Purpose of data/parameter | Calculation of baseline emissions |
| Additional comments | The value is fixed ex-ante |

D.2. Data and parameters monitored

| | |
|---------------------------------------|--|
| Data/Parameter | EG_{PJ, y} |
| Unit | MWh / year |
| Description | Net electricity supplied to the NEWNE grid facility by the project act |
| Measured/calculated/default | Calculated |
| Source of data | Share certificate issued by Madhya Pradesh Paschim Kshetra Vidyut Vitaran Company Ltd. (MPPKVCL) |
| Value(s) of monitored parameter | 28,950.75 |
| Monitoring equipment | Energy meters Please refer Appendix – 1 for meter details. |
| Measuring/reading/recording frequency | Continuous monitoring & monthly recording |
| Calculation method (if applicable) | The net electricity exported to the grid by project activity WTG is ascertained by government agency Madhya Pradesh Paschim Kshetra Vidyut Vitaran Company Ltd. (MPPKVCL) on the basis of energy meter reading at substation (includes generation from project and non-project WTGs) and meter readings at transformer. On the basis of the meter reading and gross generation at controller installed at individual WTGs, apportioning is carried out in order to estimate the net electricity generated by the project activity. The net electricity generated by the project activity is calculated from net electricity supplied to grid from the share certificate issued by state utility (currently MPPKVCL) on monthly basis for respective WTGs. The amount of energy supplied by the WTGs are continuously monitored and recorded once a month. |
| QA/QC procedures | The energy meter is calibrated as per standard practice adopted by State Nodal agency responsible for calibration of meter. The energy meters at the substation is of 0.2S accuracy class Calibration of the ABT meter done at least once in 3 year. The net electricity supplied to grid used for emission reduction calculation was checked from monthly bills raised by PP to DISCOM. |
| Purpose of data/parameter | Calculation of baseline emissions |
| Additional comments | All the data will be archived till a period of two years from the end of the crediting period. |

D.3. Implementation of sampling plan

>>

The project includes 5 WTGs and the energy generated is monitored and recorded without any sampling procedure. Hence, this section is not applicable.

SECTION E. Calculation of emission reductions or net anthropogenic removals

E.1. Calculation of baseline emissions or baseline net removals

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Baseline emission is calculated as per equation (1) in section B.6.1 of PDD

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

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

$$EG_{PJ, y} = 28,950.75 \text{ MWh}$$

$$BE_y = 28,950.75 \times 0.97704 \\ = 28,286 \text{ tCO}_2\text{e} \text{ (Rounded Down)}$$

E.2. Calculation of project emissions or actual net removals

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Since the project activity is wind energy based power generation, the project emission will be zero.

$$PE_y = 0 \text{ tCO}_2\text{e}$$

E.3. Calculation of leakage emissions

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No leakage emissions occur due to this project activity.

$$LE_y = 0 \text{ tCO}_2\text{e}$$

E.4. Calculation of emission reductions or net anthropogenic removals

| | Baseline GHG emissions or baseline net GHG removals (t CO ₂ e) | Project GHG emissions or actual net GHG removals (t CO ₂ e) | Leakage GHG emissions (t CO ₂ e) | GHG emission reductions or net anthropogenic GHG removals (t CO ₂ e) | | | |
|--------------|---|--|---|---|------------------------------------|------------------|--------------|
| | | | | Before 01/01/ 2013 | From 01/01/ 2013 until 31/12/ 2020 | From 01/01/ 2021 | Total amount |
| Total | 28,286 | 0 | 0 | 0 | 28,286 | 0 | 28,286 |

E.5. Comparison of emission reductions or net anthropogenic removals achieved with estimates in the registered PDD

| Amount achieved during this monitoring period (t CO ₂ e) | Amount estimated ex ante for this monitoring period in the PDD (t CO ₂ e) |
|---|--|
| 28,286 | 32,283 |

E.5.1. Explanation of calculation of “amount estimated ex ante for this monitoring period in the PDD”

>>

Annual average ex-ante emission reduction as per the registered PDD = 18,045 t CO₂e
Number of days in the monitoring period from 08/05/2017 to 19/02/2019 (including both days) = 653 days.

$$\text{Emission reduction for the current monitoring period} = (18,045/365) \times 653 \\ = 32,283 \text{ tCO}_2\text{e}$$

E.6. Remarks on increase in achieved emission reductions

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The emission reduction achieved during current monitoring period i.e. 28,286 tCO₂e is 12.38% lower than the ex-ante estimation in registered PDD for same period. This is mainly due to the variation in availability of wind at the respective time.

E.7. Remarks on scale of small-scale project activity

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The project activity is a small-scale type-I renewable resource (wind energy) based electricity generation project. The installed capacity of the project activity is 9.5 MW, there were no other

addition by the PP. Hence, project activity has operated as scale project and installed capacity was well below small scale threshold of 15MW.

Appendix - I

| Main meter | Check Meter |
|---|---|
| Unique ID: Gch119N, Gch235N, R22 | |
| Type: R3E Make: SEMS Serial No.: XB587800 Accuracy: 0.2s Calibration date: 25/04/2017 | Type: R3E Make: SEMS Serial No.: XB587799 Accuracy: 0.2s Calibration date: 25/04/2017 |
| Type: R3E Make: SEMS Serial No.: XB587797 Accuracy: 0.2s Calibration date: 26/04/2017 | Type: R3E Make: SEMS Serial No.: XB587798 Accuracy: 0.2s Calibration date: 26/04/2017 |
| Note: Both the meters are connected parallelly | Note: Both the meters are connected parallelly |
| The main meter (XB587797) was replaced on 18/06/2018 and the check meter (XB587799) was replaced on 19/06/2018 due to error in meter display. | |
| Type: R3E Make: SEMS Serial No.: XB587800 Accuracy: 0.2s Calibration date: 25/04/2017, 19/06/2018 | Type: R3E Make: SEMS Serial No.: XD528043 Accuracy: 0.2s Calibration date: 19/06/2018 |
| Type: R3E Make: SEMS Serial No.: XE565677 Accuracy: 0.2s Calibration date: 18/06/2018 | Type: R3E Make: SEMS Serial No.: XB587798 Accuracy: 0.2s Calibration date: 26/04/2017, 18/06/2018 |
| Note: Both the meters are connected parallelly | Note: Both the meters are connected parallelly |
| Unique ID: Rh06 | |
| Make: Secure Serial No.: XC525575 Accuracy: 0.2s Calibration date: 11/02/2016, 28/12/2016 | Make: Secure Serial No.: XC525576 Accuracy: 0.2s Calibration date: 11/02/2016, 28/12/2016 |
| Unique ID: NPY-P-74 | |
| Type: Premier300 Make: Secure Serial No.: XC502306 Accuracy: 0.2s Calibration date: 27/09/2016 | |
| Note: The meters at some sites were calibrated yearly which is conservative. | |

Document information

| <i>Version</i> | <i>Date</i> | <i>Description</i> |
|----------------|-----------------|--|
| 08.0 | 6 April 2021 | <p>Revision to:</p> <ul style="list-style-type: none"> • Reflect the “Clarification: Regulatory requirements under temporary measures for post-2020 cases” (CDM-EB109-A01-CLAR). |
| 07.0 | 31 May 2019 | <p>Revision to:</p> <ul style="list-style-type: none"> • Ensure consistency with version 02.0 of the “CDM project standard for project activities” (CDM-EB93-A04-STAN); • Add a section on remarks on the observance of the scale limit of small-scale project activity during the crediting period; • Add “changes specific to afforestation or reforestation project activity” as a possible post-registration changes; • Clarify the reporting of net anthropogenic GHG removals for A/R project activities between two commitment periods; • Make editorial improvements. |
| 06.0 | 7 June 2017 | <p>Revision to:</p> <ul style="list-style-type: none"> • Ensure consistency with version 01.0 of the “CDM project standard for project activities” (CDM-EB93-A04-STAN); • Make editorial improvements. |
| 05.1 | 4 May 2015 | Editorial revision to correct version numbering. |
| 05.0 | 1 April 2015 | <p>Rewritten to:</p> <ul style="list-style-type: none"> • Include provisions related to delayed submission of a monitoring plan; • Provisions related to the Host Party; • Remove reference to programme of activities; • Overall editorial improvement. |
| 04.0 | 25 June 2014 | <p>Rewritten to:</p> <ul style="list-style-type: none"> • Include the Attachment: Instructions for filling out the monitoring report form (these instructions supersede the “Guideline: Completing the monitoring report form” (Version 04.0)); • Include provisions related to standardized baselines; • Add contact information on a responsible person(s)/entity(ies) for completing the CDM-MR-FORM in A.6 and Appendix 1; • Change the reference number from <i>F-CDM-MR</i> to <i>CDM-MR-FORM</i>; • Editorial improvement. |
| 03.2 | 5 November 2013 | Editorial revision to correct table in page 1. |
| 03.1 | 2 January 2013 | Editorial revision to correct table in section E.5. |

| <i>Version</i> | <i>Date</i> | <i>Description</i> |
|----------------|-----------------|---|
| 03.0 | 3 December 2012 | Revision required to introduce a provision on reporting actual emission reductions or net GHG removals by sinks for the period up to 31 December 2012 and the period from 1 January 2013 onwards (EB 70, Annex 11). |
| 02.0 | 13 March 2012 | Revision required to ensure consistency with the "Guidelines for completing the monitoring report form" (EB 66, Annex 20). |
| 01.0 | 28 May 2010 | EB 54, Annex 34. Initial adoption. |

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