

**MONITORING REPORT FORM (F-CDM-MR)**
Version 02.0**MONITORING REPORT**

Title of the project activity	MRMPL Wind Power Project
Reference number of the project activity	3839
Version number of the monitoring report	02
Completion date of the monitoring report	01/08/2012
Registration date of the project activity	27/11/2010
Monitoring period number and duration of this monitoring period	Monitoring Period Number :01 Duration: 27/11/2010 to 30/04/2012 (first and last days included)
Project participant(s)	Modern Road Makers Pvt. Ltd.
Host Party(ies)	India
Sectoral scope(s) and applied methodology(ies)	Sectoral Scope 01: Energy Industries (renewable/non-renewable sources) Methodology: “Consolidated baseline methodology for grid-connected electricity generation from renewable sources”, ACM0002, Version 10, EB 47,
Estimated amount of GHG emission reductions or net anthropogenic GHG removals by sinks for this monitoring period in the registered PDD	46,801
Actual GHG emission reductions or net anthropogenic GHG removals by sinks achieved in this monitoring period	35,439

SECTION A. Description of project activity**A.1. Purpose and general description of project activity**

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The project is the generation of electricity from wind power by installation of 16 Wind Turbine Generators (WTG) at Jaisalmer, Rajasthan by Modern Road Makers Pvt. Ltd. (herein referred to as MRMPL). Each WTG has an installed capacity of 1.25 MW. The total installed capacity of the project is 20 MW. The relevant dates for the project activity are mentioned below:

SL No	Milestone Achieved	Date
1.	Power Purchase Agreement with Jodhpur Vidyut Vitran Nigam Limited and Suzlon Energy Limited	15/08/2008
2.	WTG Supply Agreement	19/08/2008
3.	Commissioning date (5 MW and 15 MW)	28/09/2008 and 12/01/2009 respectively
4.	Maintenance (with Parts and consumable) agreement for the 5 MW project with Suzlon Infrastructure Services Limited	21/05/2010
5.	Operation and Maintenance Agreement (Service Only) for the 5 MW project with Suzlon Infrastructure Services Limited	21/05/2010
6.	Maintenance (with Parts and consumable) agreement for the 15 MW project with Suzlon Infrastructure Services Limited	21/05/2010
7.	Operation and Maintenance Agreement (Service Only) for the 15 MW project with Suzlon Infrastructure Services Limited	21/05/2010

Commissioning details are also presented in Section B.1 of this document. The project activity has been in continuous operation since the date of commissioning except for shut down times for maintenance purposes which has been detailed in Appendix 1 of this document. The purpose of the project is to produce power from clean source and to reduce the dependence on fossil fuels for energy requirements. Project proponent has signed a power purchase agreement (PPA) with “Jodhpur Vidyut Vitran Nigam Limited” (JVVNL) to export the electricity to local grid. The project displaces electricity from the grid (North East West North East (NEWNE) grid, India). This helps in significant reduction of GHG emissions as the NEWNE Grid is mostly dependent on fossil fuel generated electricity. In this monitoring period this project activity has exported 39,124¹ MWh of electricity to the NEWNE grid and the total emission reductions achieved in this present monitoring period is 35,439 tCO₂².

A.2. Location of project activity

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The site details are given below:

Host Party: India

District: Jaisalmer

State: Rajasthan

Villages: Mudari, Ganesh ki Dhani, Dhava and Dedha

¹ Considering para 4(a) of Annex 60 of EB 52

² The monitoring period begins from 27/11/2010. However, since the crediting period falls in between billing cycles, the emission reductions are claimed only for the period that falls entirely within the billing cycle. Thus, emission reductions are claimed from the start date of the next billing cycle i.e. 1/12/2010 and the electricity generation from 27/11/2010 to 30/11/2010 has been conservatively take as zero.

WTG No.	Latitude (N)	Longitude (E)	Sub-station
R060	N 26 ⁰ 48' 45.8''	E 70 ⁰ 44' 16.3''	Soda Mada
R061	N 26 ⁰ 48' 36.8''	E 70 ⁰ 44' 26.1''	Soda Mada
R078	N 26 ⁰ 49' 15.4''	E 70 ⁰ 51' 35.4''	Soda Mada
R007	N 26 ⁰ 48' 58.4''	E 70 ⁰ 51' 37.2''	Soda Mada
R008	N 26 ⁰ 48' 41.7''	E 70 ⁰ 51' 39.4''	Soda Mada
R063	N 26 ⁰ 48' 54.6''	E 70 ⁰ 43' 33.2''	Soda Mada
R064	N 26 ⁰ 48' 45.1''	E 70 ⁰ 43' 43.5''	Soda Mada
R069	N 26 ⁰ 48' 36.8''	E 70 ⁰ 43' 23.5''	Soda Mada
R070	N 26 ⁰ 48' 27.3''	E 70 ⁰ 43' 33.8''	Soda Mada
R071	N 26 ⁰ 48' 17.7''	E 70 ⁰ 43' 44.2''	Soda Mada
R072	N 26 ⁰ 48' 08.2''	E 70 ⁰ 43' 54.5''	Soda Mada
R073	N 26 ⁰ 47' 58.6''	E 70 ⁰ 44' 04.9''	Soda Mada
R074	N 26 ⁰ 47' 49.1''	E 70 ⁰ 44' 15.2''	Soda Mada
R016	N 26 ⁰ 49' 21.4''	E 70 ⁰ 49' 30.9''	Soda Mada
R062	N 26 ⁰ 48' 25.3''	E 70 ⁰ 44' 37.1''	Soda Mada
R067	N 26 ⁰ 48' 00.3''	E 70 ⁰ 44' 34.7''	Soda Mada

A.3. Parties and project participant(s)

Party involved (host) indicates a host Party)	Private and/or public entity(ies) project participants (as applicable)	Indicate if the Party involved wishes to be considered as project participant (Yes/No)
India (Host)	Modern Road Makers Pvt. Ltd. (Private entity)	No

A.4. Reference of applied methodology

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Methodology: “Consolidated baseline methodology for grid-connected electricity generation from renewable sources”, ACM0002, Version 10, EB 47

The other references which the methodology refers to are:

- “Tool for the demonstration and assessment of additionality”, Version 05.2, EB 39
- “Tools to calculate the emission factor for an electricity system”, Version 02, EB 50

A.5. Crediting period of project activity

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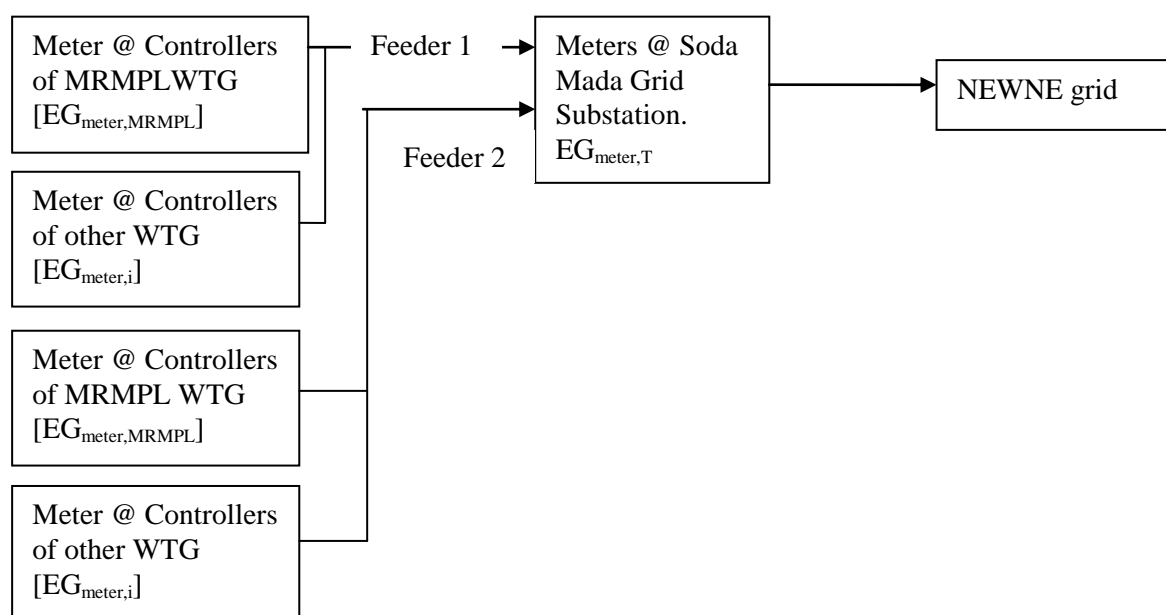
Fixed Crediting Period: 10 Years (27/11/2010 – 26/11/2020)

SECTION B. Implementation of project activity

B.1. Description of implemented registered project activity

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The project activity is the generation of electricity from wind power by installation of 16 Wind Turbine Generators (WTG) at Jaisalmer, Rajasthan. Each WTG has an installed capacity of 1.25 MW. The total installed capacity of the project is 20 MW. The purpose of the project is to produce power from clean source and to reduce the dependence on fossil fuels for energy requirements. Project proponent has signed a power purchase agreement (PPA) with “Jodhpur Vidyut Vitran Nigam Limited” (JVVNL) to export the electricity to local grid. The project displaces electricity from the grid (North East West North East (NEWNE) grid, India). This helps in significant reduction of GHG emissions as the NEWNE Grid is mostly dependent on fossil fuel generated electricity. A schematic layout of the project activity is as follows:



The details of the WTG and their commissioning details are as follows:

Location No.	Model/Type	Capacity (MW)	Date of Commissioning
R060	S-66	1.25	12/01/2009
R061	S-66	1.25	12/01/2009
R078	S-66	1.25	28/09/2008
R007	S-66	1.25	28/09/2008
R008	S-66	1.25	28/09/2008
R063	S-66	1.25	12/01/2009
R064	S-66	1.25	12/01/2009
R069	S-66	1.25	12/01/2009
R070	S-66	1.25	12/01/2009
R071	S-66	1.25	12/01/2009
R072	S-66	1.25	12/01/2009
R073	S-66	1.25	12/01/2009
R074	S-66	1.25	12/01/2009
R016	S-66	1.25	28/09/2008



Location No.	Model/Type	Capacity (MW)	Date of Commissioning
R062	S-66	1.25	12/01/2009
R067	S-66	1.25	12/01/2009

Technology Employed

The project activity is a greenfield project for generation of electrical energy using wind which is a renewable source of energy. Thus, this project actually displaces electricity from the NEWNE grid, which is essentially fossil-fuel based.

In wind energy generation, kinetic energy of the wind is converted into mechanical energy and subsequently into electrical energy. Wind turbines capture the wind's energy with three rotor blades, which are mounted on a rotor, to generate electricity. The turbines sit high atop towers, taking advantage of the stronger and less turbulent wind. As the wind blows through the blades of the windmill, a pocket of low-pressure air forms on the downwind side of the blade. The low-pressure air pocket then pulls the blade towards it, causing the rotor to spin. The rotor turns the three-stage gearbox with flexible coupling that further spins the connected asynchronous induction generator. The spinning of this generator produces the required electricity. Since power is generated from wind energy, no emissions are attributed to the project emissions and emissions due to fossil-fuel dominated grid power has been displaced due to the project activity.

The salient features of the technology utilized are:

ROTOR	
Diameter	66 m
No. of Rotor Blade	3
Rotor Blade Material	Epoxy bonded fibre glass
Swept Area	3421 m ²
Hub Height	74.5 m
OPERATIONAL DATA	
Cut in wind speed	3.0 m/s
Rated wind speed	14 m/s
Cut off wind speed	22 m/s
GEARBOX	
Type	Integrated 3 Stage 1 planetary & 2 helical
Gear ratio	1:74:9
Nominal Load	1390 KW
Type of Cooling	Oil cooling system, Forced lubrication.
GENERATOR	
Rotation speed	1500 RPM
Rated output	1250 KW
Rated voltage	690 V – AC (phase to phase)
Frequency	50 Hz
Lifetime of the WTG	20 yrs

B.2. Post registration changes

B.2.1. Temporary deviations from registered monitoring plan or applied methodology

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There have been no temporary deviations from the registered monitoring plan or applied methodology

B.2.2. Corrections

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There are no corrections to the registered project activity

B.2.3. Permanent changes from registered monitoring plan or applied methodology

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There have been no permanent changes from the registered monitoring plan or applied methodology

B.2.4. Changes to project design of registered project activity

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There have been no changes to the project design of the registered project activity

B.2.5. Changes to start date of crediting period

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There are no changes in the start date of the crediting period

B.2.6. Types of changes specific to afforestation or reforestation project activity

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This is not applicable since the project activity is not an afforestation or reforestation project activity

SECTION C. Description of monitoring system

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The delivered energy is metered by the authorities of JVVNL in the presence of representatives of the technology supplier at the substation at Soda Mada. Metering equipment used are electronic tri-vector meters. The metering equipment is maintained in accordance with electricity standards. The monthly meter readings at the project sites (controller reading) and the receiving station are taken simultaneously and jointly by the parties. The controller readings of the Wind mills are recorded by the technology supplier by a Central Monitoring system installed at the wind site. Daily and monthly generation reports are sent to MRMPL.

All the Main and Check meters are tested for accuracy annually with reference to a portable standard meter. As the instruments are calibrated and marked at regular intervals, the accuracy of measurement can be assured at all times. To ensure accurate and continuous monitoring, MRMPL has a standby meter, calibrated by an authorized agency.

The allocation of electricity is executed as per the following procedure:

1. Enter the value of electricity received from meter at the controller (kWh).
2. Enter the value of electricity supplied to meter at the controller (kWh).
3. Take the difference of electricity received and supplied to meter at the controller (kWh)
4. Take the difference of electricity as per the above steps 1 to 3 for each of the WTGs (of owner i) connected to the feeder of the MRMPL WTG. $[EG_{\text{meter},i}]$
5. Take the sum of all the controller readings as calculated in Step 4. $[\sum EG_{\text{meter},i}]$
6. Divide individual difference by total calculated as per step 5 and multiply by 100 to find % allocation for each of the WTG of MRMPL.
 $[EG_{\text{meter MRMPL}} / \sum EG_{\text{meter},i}) \times 100]$
7. Enter the value of electricity received from the feeder at the substation (kWh).
8. Enter the value of electricity supplied to the feeder at the substation (kWh).
9. Take the difference of electricity received and supply to meter at the substation. (kWh) $[EG_{\text{meter},T}]$
10. Multiply the value calculated as per step 9 by % allocation calculated as per step 6 to calculate the net electricity export allocated to the WTGs of MRMPL connected to the feeder. $[EG_{\text{net,MRMPL}}$, i.e., EG_y and $EC_y]$
11. The steps 1-10 are repeated for the other feeders connecting the WTGs of MRMPL to the substation to calculate the allocation of net electricity.

The sum of net electricity allocated in all the relevant feeder units gives the total net electricity exported by the WTGs of Modern Road Makers Private Limited.

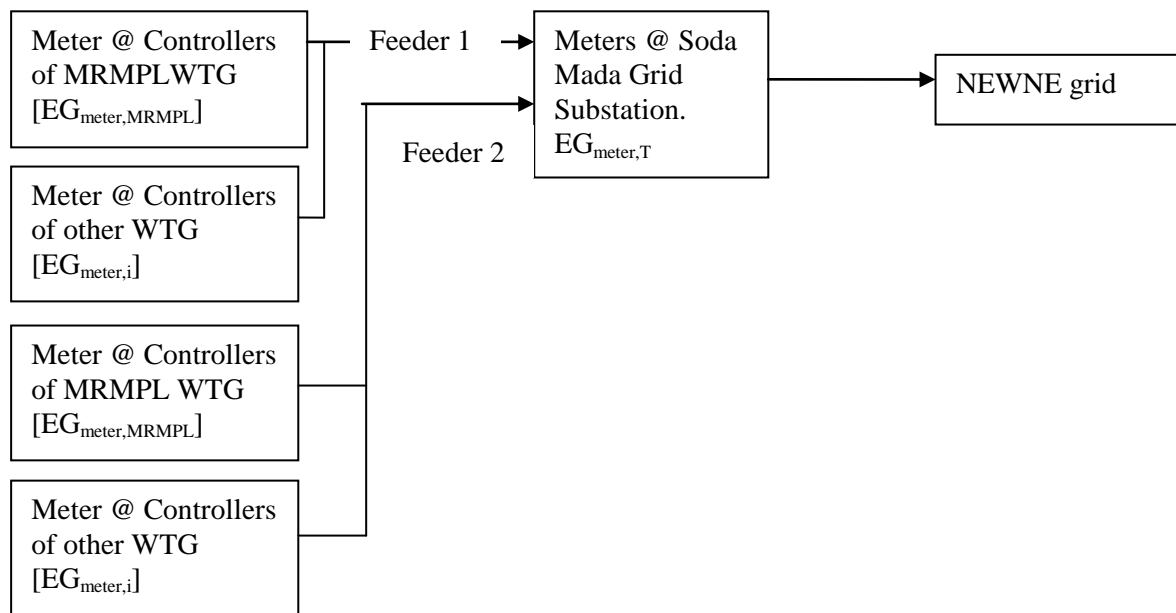
The project owner uses the credit notes sent by state electricity board for respective the WTGs at different locations. The cumulative power supplied to grids is tabulated and multiplied by respective Grid Emission Factor to calculate number of CERs.

The summary of the shut down times during the current monitoring period for the project activity are provided as Appendix 1.

The details for the meters involved in the project activity are as follows:

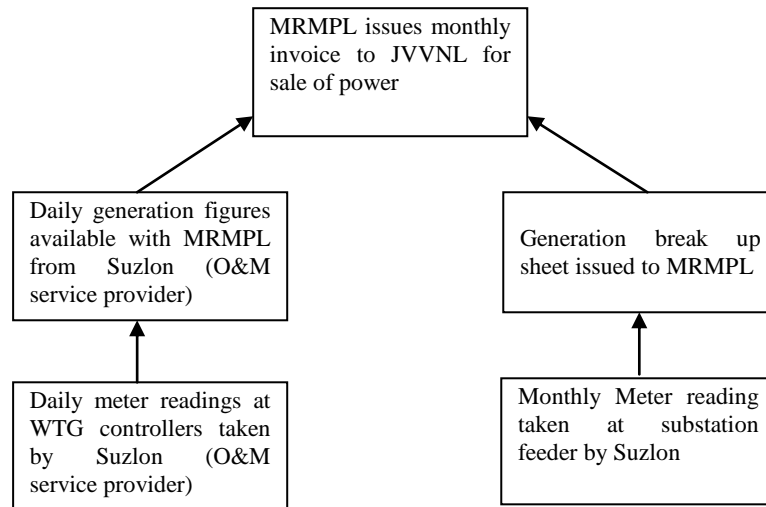
Meter	Meter No.	Sub-station	Date of Calibration	Calibration Due date	Test Result
Main meter	RJB00316	Soda Mada	14/03/2012	13/03/2013	Satisfactory
			11/03/2011	10/03/2012	Satisfactory
			20/04/2010	19/04/2011	Satisfactory
Check meter	RJB00317	Soda Mada	14/03/2012 ³	13/03/2013	Satisfactory
			11/03/2011	10/03/2012	Satisfactory
			20/04/2010	19/04/2011	Satisfactory

The above meters have an accuracy of 0.2s. The monitoring system for the project activity may be diagrammatically represented as below:



³ Due to delay in calibration of the meter (Meter Calibration Due Date: 10/03/2012, Meter Calibrated on: 14/03/2012), correction factor has been applied conservatively to the Electricity Exported and the Electricity Imported for the month March 2012. The values for the Electricity Exported and the Electricity Imported for March 2012 have been corrected by applying the maximum permissible error of the meter conservatively as per the “Guidelines For Assessing Compliance With The Calibration Frequency Requirements “,EB 52, Annex 60,Section B. The correction factor applied is the accuracy of the Meter i.e. 0.2%.

The information flow for the monitoring of data is as follows:



SECTION D. Data and parameters**D.1. Data and parameters fixed ex ante or at renewal of crediting period**

Data/Parameter	$EF_{Grid,OM,y}$
Unit	tCO ₂ /MWh
Description	Weighted Average Simple Operating margin of the grid
Source of data	Central Electricity Authority database (Version 4.0)
Value(s) applied	1.0086
Purpose of data	The value has been used form the Central Electricity Authority (CEA) database (Version 4.0, dated 1st September 2008) for the calculation of the Baseline emissions
Additional comment	-

Data/Parameter	$EF_{Grid,BM,y}$
Unit	tCO ₂ /MWh
Description	Build Margin of the grid
Source of data	Central Electricity Authority database (Version 4.0)
Value(s) applied	0.5977
Purpose of data	The value has been used form the Central Electricity Authority (CEA) database (Version 4.0, dated 1st September 2008) for the calculation of the Baseline emissions
Additional comment	-

Data/Parameter	$EF_{Grid,CM,y}$
Unit	tCO ₂ /MWh
Description	Combined Margin emission factor of the grid
Source of data	Central Electricity Authority database (Version 4.0)
Value(s) applied	0.9058
Purpose of data	This value is used for the calculation of the Baseline emissions
Additional comment	-

**D.2. Data and parameters monitored**

Data/Parameter	EG _y
Unit	MWh
Description	Total Electricity Exported to the grid
Measured/Calculated/Default	Measured and calculated
Source of data	Credit Notes from the state electricity utility
Value(s) of monitored parameter	39,292.16
Monitoring equipment	<p>Electrical Energy Meters which are electronic tri-vector meters of accuracy class 0.2 (Main & Check meters)</p> <p><u>Details of Main Meter:</u> Meter No: RJB00316 Accuracy: 0.2 Latest Calibration Date: 14/03/2012 Validity: One Year</p> <p><u>Details of Check Meter:</u> Meter No: RJB00317 Accuracy: 0.2 Latest Calibration Date: 14/03/2012 Validity: One Year</p> <p>Details descriptions are mentioned in section C.</p>
Measuring/Reading/Recording frequency	Archiving: Paper & Electronic Recording Frequency: Daily Responsibility: The O&M site-in-charge is responsible for the regular recording of data. Calibration Frequency: The meters are calibrated annually Date of last Calibration: 20/04/2010, 11/03/2011, 14/03/2012 Calibration Due Date: 13/03/2013
Calculation method (if applicable)	This value is calculated based on the apportioning method described in the section C of this report. Further, adopting the apportioning method, state electricity utility estimate the total electricity exported to the grid and issue the credit note to the individual proponent connected to the same feeder. Same value directly considered for this monitoring parameter.
QA/QC procedures	Meter calibration is conducted annually
Purpose of data	This data is used for the calculation of Baseline Emissions
Additional comment	-

Data/Parameter	EC _y
Unit	MWh
Description	Total Electricity Import from the grid
Measured/Calculated/Default	Measured and calculated
Source of data	Credit Notes from the state electricity utility



Value(s) of monitored parameter	167.33
Monitoring equipment	<p>Electrical Energy Meters which are electronic tri-vector meters of accuracy class 0.2 (Main & Check meters)</p> <p><u>Details of Main Meter:</u> Meter No: RJB00316 Accuracy: 0.2 Latest Calibration Date: 14/03/2012 Validity: One Year</p> <p><u>Details of Check Meter:</u> Meter No: RJB00317 Accuracy: 0.2 Latest Calibration Date: 14/03/2012 Validity: One Year</p> <p>Details descriptions are mentioned in section C.</p>
Measuring/Reading/Recording frequency	<p>Archiving: Paper & Electronic Recording Frequency: Daily Responsibility: The O&M site-in-charge is responsible for the regular recording of data. Calibration Frequency: The meters are calibrated annually Date of last Calibration: 20/04/2010, 11/03/2011, 14/03/2012 Calibration Due Date: 13/03/2013</p>
Calculation method (if applicable)	<p>This value is calculated based on the apportioning method described in the section C of this report. Further, adopting the apportioning method, state electricity utility estimate the total electricity imported to the grid and issue the credit note to the individual proponent connected to the same feeder. Same value directly considered for this monitoring parameter.</p>
QA/QC procedures	Meter calibration is conducted annually
Purpose of data	This data is used for the calculation of Baseline Emissions
Additional comment	-

D.3. Implementation of sampling plan

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No data and/or parameters monitored described in section D.2 above are determined by a sampling approach. Hence, this section is not relevant to this project activity,

SECTION E. Calculation of emission reductions or GHG removals by sinks

E.1. Calculation of baseline emissions or baseline net GHG removals by sinks

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Baseline emissions are calculated by multiplying the Net electricity exported to the grid with net baseline emission factor, as per the CDM approved methodology.

$$BE_y = \text{Baseline Emission Factor (EF}_{\text{grid,CM,y}}) \times \text{Net electricity supplied to Regional Grid (EG}_{\text{facility,y}})$$

Where,

BE_y = Baseline Emissions (tons/year)

$EG_{\text{facility,y}}$ = Quantity of net electricity generation supplied by the project plant/unit to the grid in year y (MWh/yr)

$EF_{\text{grid,CM,y}}$ = 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” (tCO₂/MWh)

Also, as per the registered PDD,

$$EG_{\text{facility,y}} = EG_y - EC_y$$

Where,

EG_y = Electricity exported to the grid (MWh)

EC_y = Electricity imported from the Grid (MWh)

The Baseline emission factor is calculated in the registered CDM PDD as per “Tool to calculate the emission factor for an electricity system”, Version 02, EB 50. As per the registered PDD, the calculated Baseline emission factor is $EF_{\text{grid,CM,y}} = 0.9058 \text{ tCO}_2/\text{MWh}$. This factor is fixed for the entire crediting period. The details of the net electricity exported during the current monitoring period are as below:

Month	Total Electricity Exported to Grid (EG_y) (MWh)	Total Electricity Imported from Grid (EC_y) (MWh)	Net Electricity supplied to regional grid (MWh)	Baseline Emissions (tCO ₂)
Nov-10 ⁴	0.00	0.00	0.00	0
Dec-10	1634.88	9.96	1624.91	1472
Jan-11	1682.36	6.90	1675.47	1518
Feb-11	1580.32	7.87	1572.45	1424
Mar-11	1798.23	11.70	1786.53	1618
Apr-11	2174.78	8.37	2166.41	1962
May-11	5345.38	0.86	5344.51	4841
Jun-11	5557.70	2.71	5554.98	5032
Jul-11	3859.05	4.90	3854.15	3491
Aug-11	2382.48	8.29	2374.19	2151
Sep-11	2444.83	3.41	2441.43	2211
Oct-11	1482.17	17.31	1464.86	1327
Nov-11	683.43	21.98	661.46	599
Dec-11	1323.20	16.82	1306.39	1183

⁴ The monitoring period begins from 27/11/2010. However, since the crediting period falls in between billing cycles, the emission reductions are claimed only for the period that falls entirely within the billing cycle. Thus, emission reductions are claimed from the start date of the next billing cycle i.e. 01/12/2010 and the electricity generation from 27/11/2010 to 30/11/2010 has been conservatively take as zero.

Month	Total Electricity Exported to Grid (EG _v) (MWh)	Total Electricity Imported from Grid (EC _v) (MWh)	Net Electricity supplied to regional grid (MWh)	Baseline Emissions (tCO ₂)
Jan-12	1506.43	15.04	1491.39	1351
Feb-12	1531.05	10.36	1520.69	1377
Mar-12 ⁵	2270.09	9.50	2260.58	2048
Apr-12	2035.79	11.35	2024.43	1834
Total	39,292.16	167.33	39,124.82	35,439

The net export from the project activity is 39,124.82 MWh. Hence the baseline emissions are calculated as below:

$$\begin{aligned}\text{Baseline Emissions (BE}_y\text{)} &= 0.9058 * 39,124.82 \\ &= 35,439 \text{ tCO}_2\end{aligned}$$

E.2. Calculation of project emissions or actual net GHG removals by sinks

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The project uses wind energy only for power generation which leads to zero net GHG on-site emissions. Hence there is no net emission within the project boundary. Hence, PE_y = 0.

E.3. Calculation of leakage

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The project proponents have identified no anthropogenic greenhouse gases by sources outside the project boundary that are significant, measurable and attributable to the project activity. Hence, no leakage is considered from the project activity. Hence, LE_y = 0

E.4. Summary of calculation of emission reductions or net anthropogenic GHG removals by sinks

Time Period	Baseline emissions or baseline net GHG removals by sinks (tCO _{2e})	Project emissions or actual net GHG removals by sinks (tCO _{2e})	Leakage (tCO _{2e})	Emission reductions or net anthropogenic GHG removals by sinks (tCO _{2e})
Total	35,439	0	0	35,439

E.5. Comparison of actual emission reductions or net anthropogenic GHG removals by sinks with estimates in registered PDD

Item	Values estimated in ex-ante calculation of registered PDD	Actual values achieved during this monitoring period
Emission reductions or GHG removals by sinks (tCO _{2e})	46,801	35,439

E.6. Remarks on difference from estimated value in registered PDD

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⁵ Due to delay in calibration of the meter (Meter Calibration Due Date: 10/03/2012, Meter Calibrated on: 14/03/2012), correction factor has been applied conservatively to the Electricity Exported and the Electricity Imported for the month of March 2012. The values for the Electricity Exported and the Electricity Imported for March 2012 have been corrected by applying the maximum permissible error of the meter conservatively as per the “Guidelines For Assessing Compliance With The Calibration Frequency Requirements”, EB 52, Annex 60, Section B. The correction factor applied is the accuracy of the Meter, i.e., 0.2%.



As per the registered PDD, the emission reductions estimated were 32,788 tCO₂e/ annum. During the current monitoring period (27/11/2010 to 30/04/2012) of 521 days the emission reduction as per the ex-ante calculations is 46,801 tCO₂e, whereas, the actual emissions reduction achieved in this period is 35,439 tCO₂e, which is lesser than the expected emission reductions.

Appendix 1: Shutdown details (all values in hours)

Month	R007	R008	R016	R060	R061	R062	R063	R064	R067	R069	R070	R071	R072	R073	R074	R078	Total
Nov-10	0.20	0.20	0.00	0.40	0.50	0.10	0.70	0.20	0.10	1.00	0.10	0.60	0.10	0.10	0.10	0.10	4.50
Dec-10	13.20	4.00	2.30	24.50	2.40	2.20	7.70	8.20	0.00	15.70	8.40	0.00	0.20	0.10	5.70	38.70	133.30
Jan-11	7.10	6.00	5.60	20.70	6.50	7.90	7.30	3.90	2.10	2.10	6.30	5.40	4.00	2.50	2.30	11.50	101.20
Feb-11	55.20	74.80	5.90	22.80	2.60	0.70	27.80	2.20	15.00	1.20	1.80	2.40	1.50	6.60	4.00	12.20	236.70
Mar-11	49.90	13.79	7.00	10.70	14.50	10.90	5.70	6.70	7.00	4.90	10.20	5.70	5.00	2.10	5.30	12.30	171.69
Apr-11	221.20	79.60	19.00	57.80	35.00	23.20	27.60	33.00	31.60	23.80	48.40	33.20	33.40	24.20	26.40	74.40	791.80
May-11	35.80	47.90	10.80	22.80	12.80	3.80	10.80	11.50	62.00	5.00	15.10	43.50	82.70	29.90	56.40	24.80	475.60
Jun-11	29.60	143.90	6.10	136.60	5.90	53.30	27.60	34.10	80.30	40.40	56.40	65.90	114.70	55.90	115.20	50.80	1016.70
Jul-11	24.60	51.60	17.00	40.40	34.30	38.40	28.30	58.00	57.20	64.40	30.40	33.50	44.80	138.70	61.30	40.10	763.00
Aug-11	6.40	94.00	13.90	10.40	25.00	5.20	27.40	54.70	14.60	4.80	39.70	33.40	87.80	7.10	7.10	22.50	454.00
Sep-11	6.80	29.30	9.40	2.80	4.90	0.50	13.70	21.10	31.80	2.90	0.40	12.50	3.60	0.30	0.60	0.80	141.40
Oct-11	7.60	9.90	6.70	14.40	7.00	6.70	35.30	1.20	4.10	1.20	1.30	4.10	2.70	0.90	2.80	9.90	115.80
Nov-11	1.70	0.20	0.10	0.20	14.40	0.20	30.90	9.30	32.80	9.30	6.60	25.10	6.10	6.80	4.80	32.50	181.00
Dec-11	2.30	18.20	7.50	51.60	36.90	22.60	34.40	42.50	22.90	23.70	21.60	22.00	22.60	22.50	22.30	1.00	374.60
Jan-12	5.30	7.40	6.20	10.90	9.80	4.00	21.00	22.40	8.90	3.90	6.50	3.90	8.50	2.90	11.40	1.60	134.60
Feb-12	10.70	26.40	7.30	0.30	22.20	0.30	4.70	33.70	4.10	0.80	0.10	0.10	6.40	1.00	3.70	259.70	381.50
Mar-12	23.20	33.30	18.20	19.00	17.00	17.10	102.90	128.40	21.20	16.40	33.80	15.80	15.40	219.30	32.30	77.50	790.80
Apr-12	74.70	71.90	46.90	44.10	33.10	27.90	55.10	141.80	45.60	19.70	21.40	17.20	16.30	100.50	30.00	43.30	789.50
Total	575.50	712.39	189.90	490.40	284.80	225.00	468.90	612.90	441.30	241.20	308.50	324.30	455.80	621.40	391.70	713.70	7057.69



History of the document

Version	Date	Nature of revision
02.0	EB 66 13 March 2012	Revision required to ensure consistency with the "Guidelines for completing the monitoring report form" (EB 66, Annex 20).
01	EB 54, Annex 34 28 May 2010	Initial adoption.
Decision Class: Regulatory Document Type: Form Business Function: Issuance		