



Monitoring report form (Version 03.2)

Monitoring report

Title of the project activity	Wind Power Project By Sargam Retails Pvt. Ltd. in Gujarat, India
Reference number of the project activity	3724 ¹
Version number of the monitoring report	02
Completion date of the monitoring report	09/06/2014
Registration date of the project activity	11/11/2010
Monitoring period number and duration of this monitoring period	2 nd Monitoring period, 01/08/2012 to 31/03/2014
Project participant(s)	M/s Sargam Retails Private Limited (SRPL)
Host Party(ies)	India
Sectoral scope(s) and applied methodology(ies)	Sectoral Scope:01 Energy Industries (renewable /non-renewable sources Applied Methodology: AMS.I.D version 15
Estimated amount of GHG emission reductions or net anthropogenic GHG removals by sinks for this monitoring period in the registered PDD	30789 tCO _{2e}
Actual GHG emission reductions or net anthropogenic GHG removals by sinks achieved in this monitoring period	21419 tCO _{2e}
Actual GHG emission reductions or net anthropogenic GHG removals by sinks achieved during the period up to 31 December 2012(if applicable)	5172 tCO _{2e}
Actual GHG emission reductions or net anthropogenic GHG removals by sinks achieved during the period from 1 January 2013 onwards (if applicable).	16246 tCO _{2e}

¹ <http://cdm.unfccc.int/Projects/DB/SGS-UKL1274284964.32/view>

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

a. Purpose of the project activity & the measures taken to reduce green house gas emissions: The main purpose of the project activity is to generate electrical energy through sustainable means using wind power resources, to utilize the generated output for supply to Gujarat Electricity Distribution Authority i.e. Gujarat Electricity Transmission Corporation Limited (GETCO) and to contribute to climate change mitigation efforts

b. Brief description of the installed technology and equipment:

The project activity leads to the installation of 12 Wind Energy Convertors (WECs) of installed capacity of 800 KW, make Enercon India Limited each with a total generating capacity of 9.6 MW. The WTGs are located in Jamnagar & Rajkot districts of Gujarat state of India.

c. Relevant dates for the project activity (e.g. construction, commissioning, continued operation periods, etc.):

The Project has been completed as planned and described in the registered Project Design Document (PDD), Version 02 and dated 04/12/2009.

The start date of the operation of the project activity is 15/09/2009, which is the earliest date of commissioning of the wind mill of the project activity and 16/09/2009 which is date of the commissioning of the last WTG of the project activity.

The commissioning dates of the WTGs installed in the project activity have been provided in the table below:

Capacity	WTG Location Numbers	Commissioning Dates
0.8 MW x 05 Nos	969 ,970,971,972,,973	15/09/2009
0.8 MW x 06 Nos	2047,2082,2083,2084,2119,2120	15/09/2009
0.8 MW x 01 Nos	2118	16/09/2009

d. The net anthropogenic GHG emission reduction for the monitoring period i.e. from 01/08/2012 to 31/03/2014 is tCO_{2e}

A.2. Location of project activity

The project activity is located in the districts of Jamnagar and Rajkot in the state of Gujarat.

Jamnagar: Latitude: 22.0819 N Longitude: 70.1975 E

Rajkot: Latitude: 22.2973 N Longitude: 70.7984 E

Sr. No.	Location No.	WTG Type	Tower Height	Type of Land	Village
1	969	E-53	75 Mtr. Concrete Tower	Revenue	Juna Matravad
2	970	E-53	75 Mtr. Concrete Tower	Revenue	Juna Matravad
3	971	E-53	75 Mtr. Concrete Tower	Revenue	Khijdiya
4	972	E-53	75 Mtr. Concrete Tower	Revenue	Khijdiya
5	973	E-53	75 Mtr. Concrete Tower	Revenue	Khijdiya
6	2047	E-53	75 Mtr. Concrete Tower	Private	Mota Panchdevda
7	2082	E-53	75 Mtr. Concrete Tower	Private	Mota Panchdevda
8	2083	E-53	75 Mtr. Concrete Tower	Private	Mota Panchdevda
9	2084	E-53	75 Mtr. Concrete Tower	Private	Mota Panchdevda
10	2118	E-53	75 Mtr. Concrete Tower	Private	Chhatar
11	2119	E-53	75 Mtr. Concrete Tower	Private	Chhatar
12	2120	E-53	75 Mtr. Concrete Tower	Private	Chhatar

Location No.	Taluka	District	Latitude (Degree, Min., Sec.)	Longitude (Degree, Min., Sec.)
969	Jamkandorna	Rajkot	N21 59 57.5	E70 18 08.1
970	Jamkandorna	Rajkot	N21 59 50.3	E70 18 08.4
971	Jamkandorna	Rajkot	N21 58 53.7	E70 18 45.1
972	Jamkandorna	Rajkot	N21 58 49.2	E70 18 51.3
973	Jamkandorna	Rajkot	N21 58 42.3	E70 18 43.1
2047	Kalavad	Jamnagar	N22 05 58.6	E70 12 09.7
2082	Kalavad	Jamnagar	N22 06 05.8	E70 12 57.7
2083	Kalavad	Jamnagar	N22 05 55.6	E70 12 56.2
2084	Kalavad	Jamnagar	N22 05 46.8	E70 12 58.8
2118	Kalavad	Jamnagar	N22 05 49.5	E70 12 03.8
2119	Kalavad	Jamnagar	N22 06 40.1	E70 13 34.8
2120	Kalavad	Jamnagar	N22 06 20.1	E70 13 35.3

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	Sargam Retails Private Limited (SRPL)	No

A.4. Reference of applied methodology

Title: Grid Connected Renewable Electricity Generation, Version 15, sectoral scope 01²

The methodology also refers to latest approved versions of "Tool to calculate the emission factor for an electricity system, version 02.2.1"³

A.5. Crediting period of project activity

This project activity has considered renewable crediting period of 21 (7 x 3) years. The start date of the crediting period is from the date of registration viz 11/11/2010 and the length of the first crediting period is 7 years 00 months viz 10/11/2017.

SECTION B. Implementation of project activity

B.1. Description of implemented registered project activity

a. Description of the installed technology, technical processes and equipments

The project activity leads to the installation of 12 Wind Energy Convertors (WECs) of installed capacity of 800 KW each with a total generating capacity of 9.6 MW. The WTGs are located in Jamnagar & Rajkot districts of Gujarat state of India.

b. Information on the implementation and actual operation of the project activity, including relevant dates (e.g. construction, commissioning, continued operation periods, etc.).

The Project has been completed as planned and described in the registered Project Design Document (PDD), Version 02 and dated 04/12/2009.

The start date of the operation of the project activity is 15/09/2009, which is the earliest date of

² <http://cdm.unfccc.int/methodologies/SSCmethodologies/approved.html>

³ <http://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-07-v2.2.1.pdf>

commissioning of the wind mill of the project activity and 16/09/2009 which is date of the commissioning of the last WTG of the project activity.

The commissioning dates of the WTGs installed in the project activity have been provided in the table below:

Capacity	WTG Location Numbers	Commissioning Dates
0.8 MW x 05 Nos	969 ,970,971,972,,973	15/09/2009
0.8 MW x 06 Nos	2047,2082,2083,2084,2119,2120	15/09/2009
0.8 MW x 01 Nos	2118	16/09/2009

c. The events or situations that occurred during the monitoring period that may impact the applicability of the applied methodology

No events /situation occurred during the current monitoring period which may have affected the applicability of methodology.

B.2. Post registration changes

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

All the deviations that arose have been addressed in the revised monitoring plan as indicated in section B.2.3

B.2.2. Corrections

All the corrections have been addressed in the revised monitoring plan as indicated in section B.2.3.

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

The monitoring plan has been revised by the PP for improving the accuracy and completeness of the monitoring system. The revised monitoring plan was approved by the CDM EB on 09/05/2012.

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

There has been no change in the project design.

B.2.5. Changes to start date of crediting period

NA

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

NA

SECTION C. Description of monitoring system

The project activity is in accordance with approved small scale methodology AMS I.D, and therefore, can use the monitoring methodology for type I.D of 'Appendix B of the simplified M&P for small-scale CDM project activities-Version 15, -Grid connected renewable electricity generation. This approved monitoring methodology requires monitoring of the following:

- Net Electricity supplied by the project activity to the grid

In order to monitor the mitigation of GHG due to the project activity, the Net Electricity supplied by the project activity to the grid needs to be monitored. The net energy supplied by the project activity to the grid multiplied by grid emission factor for regional grid, would result in the baseline emission for the project activity.

Since the emission factor (combined margin) of the grid is fixed for the crediting period, the monitoring of grid emission factor is not required.

The Project is operated and managed by M/s. Enercon (India) Limited/ Its Group Companies/Contractor specifically appointed by Enercon. The operational and management structure implemented by the project participant in order to monitor emission reductions has been provided below.

Net electricity supplied by the project activity to grid is the most important parameter required for the financial reporting and sustainability of the project and monitored with due care by both the parties (O&M Contractor (PP's representative and representative of GETCO/ GEDA/ SLDC/ Authorized representative).

The authority and responsibility of project management as well as registration, monitoring, measurement and reporting lies with SRPL and it has formulated a Project Team to ensure proper and continuous monitoring of the performance of turbines and generation of power

Director: In the project management structure Director is responsible for the overall project performance. The Director reviews the monthly net electricity supplied and annual emission reduction calculations.

Operation and maintenance of wind generators is done by Enercon India Limited/Its Group Companies/Contractor specifically appointed by Enercon.

Head-Wind Power Projects: Head Wind Power Project is assisting to director for completing the task discussed above. He is responsible for the electricity generations at the individual wind turbine installations. He reports to Director for any abnormality.

Shift In-charge: Shift in charge is responsible for recording the electricity meter reading in the GETCO meter. He is the person of Enercon India Limited/Its Group Companies/Contractor specifically appointed by Enercon.

Record Handling: OEM contractors (i.e Enercon India Limited/Its Group Companies/Contractor specifically appointed by Enercon) are responsible for daily records with all the related parameters. The relevant records are submitted to Head-Wind Power Projects on monthly basis. The Head-Wind Power project has final responsibility for record keeping. The O&M personnel are qualified engineers and are trained by Enercon India Limited for operating and ensuring best performance of the WTGs. The general conditions set out for metering, recording, meter readings, meter inspections, Test & Checking and communication is as per the PPA (power purchase agreement) with GUVNL.

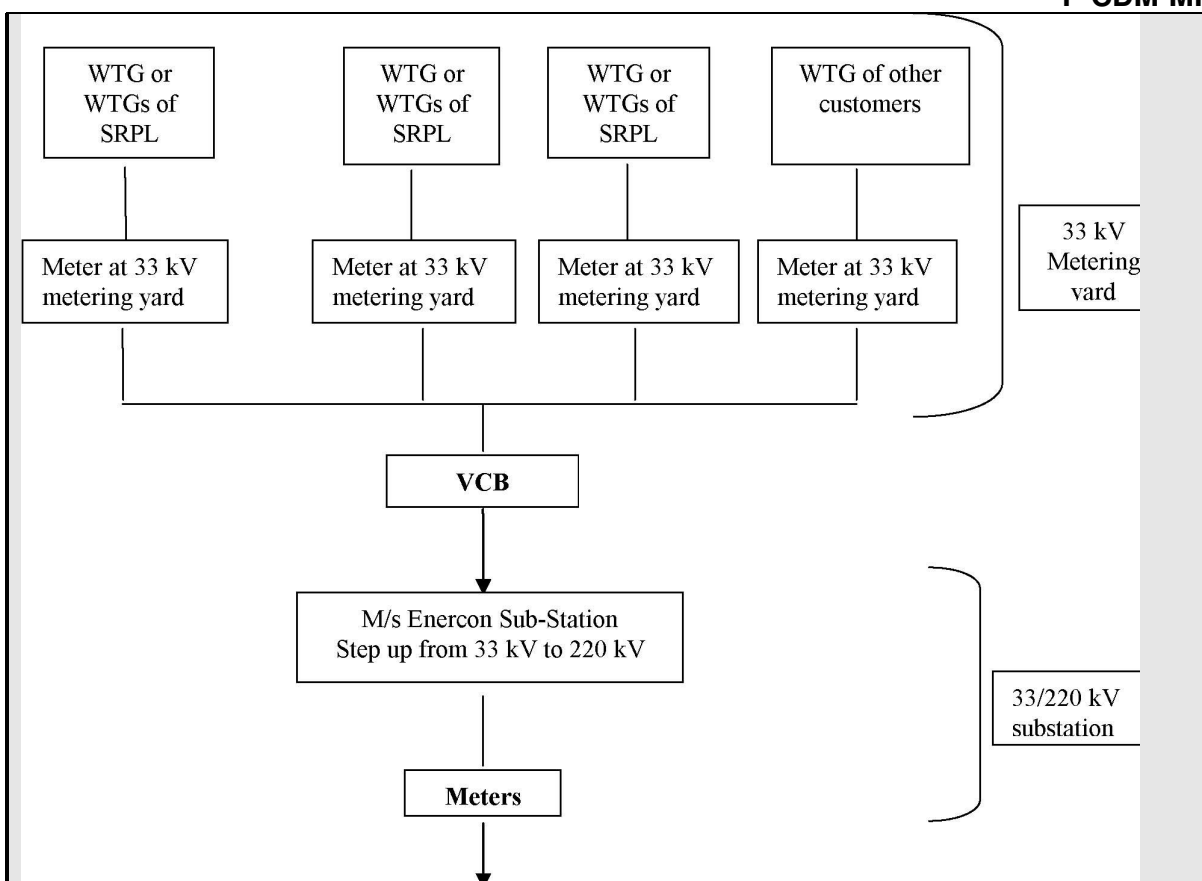
Description of calibration of WTG Controller: The controller used for the WTG is SCS Controller is a micro-processor based intelligent controller which has been specially designed for control of wind turbines. It uses a Woodward Multi function Relay that has three current inputs from CT and three direct voltage inputs (690 Volts). The analog values of current / voltage is converted into digital signal internally using A/D Converters at very high sampling rate. A software program reads these values and displays instantaneous parameters such as voltage, current, power factor, kVAh, kVArh and kWh. These instantaneous values are then time integrated and displayed / stored. Woodward relay is having no display and needs special protocol to view energy readings as this relay is communicating digital signal through special communication protocol. Moreover, turbine cannot run without this relay hence it cannot be removed for calibration, hence, it is not possible to calibrate .

Records: Enercon India Limited/It's Group Companies/Contractor specifically appointed by Enercon maintains an accurate record at the project site of:

- i. Daily generation reading
- ii. Any unusual conditions found during operation/inspections
- iii. All the records will be preserved for 2 years beyond the crediting period.

The billing is on monthly basis. Enercon/ SRPL raises invoice and submit to GUVNL for payment based on share certificate provided by GETCO/GEDA /SLDC (State Load Dispatch Centre)/Authorized representative.

The electrical layout and monitoring points of the WTGs is as follows:



The above diagram indicates that there are three groups of the WTGs of the project activity for which three meters are provided at the corresponding 33 kV metering yard. Similarly for a group of WTGs of non PP's at a particular site, there are corresponding meters installed at 33 kV metering yard⁴. All the WTGs of (PP + non PP) are connected to the Enercon substation.

The list of meter's corresponding to the project activity WTGs have been provided below:

Location Number of WTGs of project activity	Meter Serial Number installed at the corresponding 33 kV metering yard	Meters at 33/220 kV substation
2082, 2083, 2084, 2118, 2119, 2120	KAB 10784	GJ-0732-A GJ-0731-A
969, 970, 971, 972, 973	09141585	
2047	KAB 10788	

The GETCO authorities arrive at the site every month and record the readings of meters (PP + non PP) placed at the 220 kV Sub-Station and as well as at the 33 kV metering yard. Keeping in view, the net electricity supplied to Grid for every particular customer is computed on *GETCO/ GEDA/ SLDC (State Load Dispatch Centre) /Authorized representative Report*.

Head-Wind Power Projects/ Director keeps the daily/ monthly data generated from all the WTGs provided by Enercon and *GETCO/ GEDA/ SLDC (State Load Dispatch Centre) /Authorized representative*.

Apportioning Procedure for the project activity:

Net Electricity supplied to grid by the project activity (EGy) = (EGWTG,y / EGTOTAL WTG,y) x EGy,TOTAL

⁴ Depending on the capacity of the wind farm and considering the future expansion of the wind farm, additional WTGs and corresponding yard meters can be installed, which is beyond the control of the PP.

Where

EGWTG,y : Net Electricity supplied by the WTGs of SRPL recorded at 33 kV metering yard.

EGTotal WTG,y: Net Electricity supplied by all the WTGs (project activity and non-project activities) connected to 33/220 kV sub-station recorded at 33 kV metering yard.

EGy,Total : Net Electricity supplied to grid by project as well as non-project activities recorded at the 33/220 kV sub-station.

Internal audits & Performance review

The records are regularly audited and checked by the SRPL Representative based upon the daily power generation reports and share certificates (GETCO/ GEDA/ SLDC (State Load Dispatch Centre) /Authorized representative). The SRPL Representative does the internal audit on yearly basis and crosschecks the emissions reductions estimated in PDD with respect to actual emissions reduction. For any deviation from the actual emission reduction values and reported values corrective action is suggested by SRPL Representative to calculate the conservative emission reduction. All corrective actions are recorded and maintained.

Data Adjustments and Uncertainties

In case of monitoring meter failure or errors, the GETCO officials immediately replace the meter with a calibrated meter. The meter installed at the 220 kV and 33 kV point are calibrated once in three years. In case of any failure in the meter installed at 33 kV metering yard the electricity generation data of the WTG controller is used. In case of any failure of the meters at the 220 kV sub-station the electricity supplied data of the reference meters at 220 kV sub-station is used.

The GETCO/ GEDA (Gujarat Electricity generation Authority) /SLDC (State Load Dispatch Centre)/ Authorized representative Report is forwarded to Executive Engineer of GETCO and is certified thereof. Copies of this document are forwarded to the Load Dispatch Center of Gujarat Electricity Distribution Authority (GETCO) and SRPL. The monthly Net Electricity supplied is obtained from the share certificate and the same is used in monitoring report and during verification. Head -Wind power projects of M/s. SRPL is responsible for keeping the copies of share certificate sent to Sargam Retails Pvt. Ltd. from GETCO/GEDA/SLDC/Authorized representative.

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

Data/Parameter	EFy
Unit	tCO ₂ / MWh
Description	Combined Margin grid emission factor
Source of data	CEA website Version3: 04 (Valid from 1st September 2008)
Value(s) applied	0.906
Purpose of data	Calculation of baseline emissions
Additional Comment	The data will be kept for two years after the end of the crediting period or the last issuance of CERs for this project activity, whichever occurs later.

Data/Parameter	EFOM,y
Unit	tCO ₂ / MWh
Description	CO ₂ Operating Margin emission factor of the grid
Source of data	CEA website Version4: 04 (Valid from 1st September 2008)
Value(s) applied	1.01
Purpose of data	Calculation of baseline emissions
Additional Comment	The data will be kept for two years after the end of the crediting period or the last issuance of CERs for this project activity, whichever occurs later.

Data/Parameter	EF BM,y
Unit	tCO2/MWh
Description	CO2 Built Margin emission factor of the grid
Source of data	CEA website Version5: 04 (Valid from 1st September 2008)
Value(s) applied	0.60
Purpose of data	Calculation of baseline emissions
Additional Comment	The data will be kept for two years after the end of the crediting period or the last issuance of CERs for this project activity, whichever occurs later.

D.2. Data and parameters monitored

Data / Parameter:	EGy
Unit:	MWh
Description: Measured/ Calculated / Default:	Net Electricity supplied to grid by the project activity Calculated
Source of data:	Share Certificate ⁵ issued by GETCO/ GEDA/ SLDC (State Load Dispatch Centre)/ Authorized representative
Value(s) of monitored parameter:	23642

⁵ Share certificate contains the information about the monthly net electricity supplied to grid by the WTGs of project activity which is issued by GETCO/ GEDA/ SLDC (State Load Dispatch Centre)/ Authorized representative.

Monitoring equipment:	<p>The share certificate having the net electricity supplied to grid by the WTGs of SRPL wind farm is made on the basis of monitored electricity through meters at the sending end of the 220 kV substation and at the meters installed at the 33 kV metering yard as per PPA / updated procedure by GUVNL. The value is calculated from the measured parameters as given in the "Apportioning Procedure for the project activity" section C. The lower value of net electricity supplied to grid by the project activity obtained from the apportioning formula provided in section C or the Share certificate is used for the emission reduction calculations. The accuracy class of the substation meters is 0.2s and the accuracy class of yard meters ranging between 0.2s/0.5s Calibration Frequency – Once in three years</p> <p>Date of Last Calibration/Calibration Details of Meters at 33 KV:</p> <table border="1"> <tr> <td>Meter Serial</td> </tr> <tr> <td>KAB 10784</td> </tr> <tr> <td>09141585</td> </tr> <tr> <td>KAB 10788</td> </tr> </table> <p>Calibration Details of Meters at 220 KV:</p> <table border="1"> <tr> <td>Meter Serial No</td> </tr> <tr> <td>Sr. No GJ-0731-A</td> </tr> <tr> <td>Sr. No GJ-0732-A</td> </tr> <tr> <td>Validity- 3 years</td> </tr> </table>	Meter Serial	KAB 10784	09141585	KAB 10788	Meter Serial No	Sr. No GJ-0731-A	Sr. No GJ-0732-A	Validity- 3 years
Meter Serial									
KAB 10784									
09141585									
KAB 10788									
Meter Serial No									
Sr. No GJ-0731-A									
Sr. No GJ-0732-A									
Validity- 3 years									
Measuring/ Reading/ Recording frequency:	Continuously measured & monthly recording								
Calculation method (if applicable): QA/QC procedures:	<p>(EGy) = (EGWTG,y / EGTtotal WTG,y) x EGy,Total</p> <p>(Net electricity supplied to grid indicated in share certificate will be Cross-checked with the invoices raised by PP).</p>								
Purpose of data:	Calculation of baseline emissions								
Additional comment:	<p>The data will be archived electronically for two years after the end of the crediting period or the last issuance of CERs for this project activity, Whichever occurs later.</p> <p>In case the monitoring cycle and the billing cycle date do not match, then a conservative approach will be adopted to monitor/calculate the net electricity supplied to the grid.</p>								

Data / Parameter:	EGy,Total
Unit:	MWh
Description:	Net Electricity supplied to grid by all the WTGs (project as well as non-project activities) recorded at the 33/220 kV sub-station.
Measured/ Calculated / Default:	Measured
Source of data:	Share Certificate ⁷ issued by GETCO/ GEDA/ SLDC (State Load Dispatch Centre)/ Authorized representative
Value(s) of monitored parameter:	1264275

Monitoring equipment:	The share certificate having the net electricity supplied to grid by the WTGs (project as well as non-project activities) is prepared on the basis of monitored electricity through meters at the sending end of the 220 kV substation by GUVNL. The meters at 220 kV sub-station are bilateral and the import and export of electricity at the substation is monitored by these meters. The accuracy class of the substation meters is 0.2s. The meters are sealed by authorised representative of GETCO/GUVNL/GEDA/Its subsidiary company. Hence these meters are not under the control of the PP.
Measuring/ Reading/ Recording frequency:	Continuously measured & monthly recording
Calculation method (if applicable):	-
QA/QC procedures:	Calibration of all the meters is done once in three years.
Purpose of data:	Calculation of baseline emissions
Additional comment:	The data will be archived electronically for two years after the end of the crediting period or the last issuance of CERs for this project activity, whichever occurs later.
Data / Parameter:	EGWTG,y
Unit:	MWh
Description:	Net Electricity supplied by the WTGs of SRPL recorded at 33 kV metering yard.
Measured/ Calculated / Default:	Measured
Source of data:	Readings recorded at 33 kV metering yard by OEM for the net electricity supplied by the project activity WTGs
Value(s) of monitored parameter:	NA
Monitoring equipment:	The net electricity supplied by the WTGs of SRPL wind farm is measured through meters installed at the 33 kV metering yard. These readings are recorded by the OEM. The meters at 33 kV metering yard are bilateral and the import and export of electricity at the 33 kV metering yard is monitored by these meters. The accuracy class of yard meters ranges between 0.2s/0.5s The meters are sealed by authorised representative of GETCO/GUVNL/GEDA/Its subsidiary company. Hence these meters are not under the control of the PP.
Measuring/ Reading/ Recording frequency:	Continuously measured & monthly recording
Calculation method (if applicable):	-
QA/QC procedures:	Calibration of all the meters (meters at the 33 kV metering yard) is done once in three years.
Purpose of data:	Calculation of baseline emissions
Additional comment:	The data will be archived electronically for two years after the end of the crediting period or the last issuance of CERs for this project activity, whichever occurs later.
Data / Parameter:	EG _{Total WTG,y}
Unit:	MWh

Description:	Net Electricity supplied by all the WTGs (project activity and non-project activities) connected to 33/220 kV sub-station recorded at 33 kV metering yard.
Measured/ Calculated / Default:	Measured
Source of data:	Readings recorded at 33 kV metering yard by OEM
Value(s) of monitored parameter:	NA
Monitoring equipment:	The net electricity supplied by the WTGs (project activity and non-project activities) is measured through meters installed at the 33 kV metering yard. These readings are recorded by the OEM. The meters at 33 kV metering yard are bilateral and the import and export of electricity at the 33 kV metering yard is monitored by these meters. The accuracy class of yard meters ranges between 0.2s/0.5s. The meters are sealed by authorised representative of GETCO/GUVNL/GEDA/Its subsidiary company. Hence these meters are not under the control of the PP.
Measuring/ Reading/ Recording frequency:	Continuously measured & monthly recording
Calculation method (if applicable):	-
QA/QC procedures:	Calibration of all the meters (meters at the 33 kV metering yard) is done once in three years.
Purpose of data:	Calculation of baseline emissions
Additional comment:	The data will be archived electronically for two years after the end of the crediting period or the last issuance of CERs for this project activity, whichever occurs later.

D.3. Implementation of sampling plan

Not applicable for the 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

The baseline emission for the project activity in tCO₂e

$$=23642 \times 0.906$$

$$=21419$$

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

The project emission is zero as per the registered PDD.

E.3. Calculation of leakage

The leakage emission is zero as per the registered PDD.

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

Item	Baseline emissions or baseline net GHG removals by sinks (t CO ₂ e)	Project emissions or actual net GHG removals by sinks (t CO ₂ e)	Leakage (t CO ₂ e)	Emission reductions or net anthropogenic GHG removals by sinks (t CO ₂ e)
Total	21419	0	0	21419

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 (t CO ₂ e)	30789	21419

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

The actual emission reduction is less than the estimated one in the registered PDD by -30.43%.

E.7. Actual emission reductions or net anthropogenic GHG removals by sinks during the first commitment period and the period from 1 January 2013 onwards

Item	Actual values achieved up to 31 December 2012	Actual values achieved from 1 January 2013 onwards
Emission reductions or GHG removals by sinks (t CO ₂ e)	5172	16246

Document information

Version	Date	Description
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.
03.0	3 December 2012	Revision required to introduce a provision on reporting actual emission reductions or net anthropogenic GHG removals by sinks for the period up to 31 December 2012 and the period from 1 January 2013 onwards (EB70, 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	28 May 2010	EB 54, Annex 34. Initial adoption.
Decision Class: Regulatory		
Document Type: Form		
Business Function: issuance		
Keywords: monitoring report, performance monitoring		