Verification Report for

Project : 228 MW Bundled Wind Projects in RJ, MP and Maharashtra, India.

UCR Project ID : 423

Name of Verifier	SQAC Certification Pvt. Ltd.
Date of Issue	May 23, 2024
Project Proponent	M/s Leap Green Energy Private Limited.
UCR Project Aggregator	M/s Inox Green Energy Service Limited.
Work carried by	Mr. Santosh Nair
Work reviewed by	Mr. Praful Shinganapurkar

Summary:

SQAC Certification Pvt. Ltd. has performed verification of the "228 MW Bundled Wind Projects in RJ, MP and Maharashtra, India" which is a bundle of 2 (two) renewable (wind) energy project activities for generating electricity from wind, on the basis of UCR criteria. The generated electricity from WEG's is connected to state electric utility grids of Rajasthan, Madhya Pradesh and Maharashtra. The bundled wind power projects are operational activities with continuous reduction of GHGs, currently being applied for voluntary carbon offset units (CoUs) under "Universal Carbon Registry" (UCR).

The project activity meets the following UN SDG's:

Verification for the period: **01/01/2013 to 31/12/2022** (10 years)

In our opinion, the total GHG emission reductions over the crediting / verification period stated in the Project Concept Note (PCN) / Monitoring Report (MR), submitted to SQAC are found to be correct and in line with the UCR guidelines, after closure of the non-conformities.

The GHG emission reductions were calculated on the basis of UCR Protocols which draws reference from, UCR Protocol Standard Baseline, UNFCCC Methodology ACM0002: Grid-connected electricity generation from renewable sources --- Version 21.0. The verification was done remotely by way of video calls / verification, phone calls and submission of documents for verification through emails.

SQAC is able to certify that the emission reductions from the 228 MW Bundled Wind Projects in RJ, MP and Maharashtra, India (UCR ID – 423) for the period **01/01/2013 to 31/12/2022** amounts to **26,13,659 CoUs** (**26,13,659** tCO_2eq)

Detailed Verification Report:

Purpose:

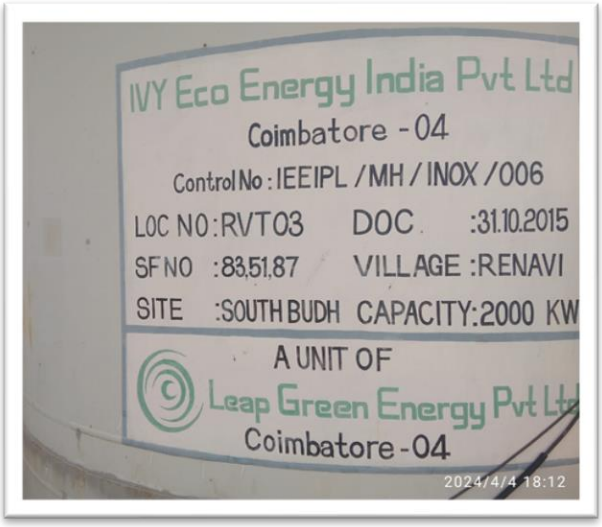
The main purpose of the project activity is the implementation and operation of 228 MW Bundled Wind Projects in RJ, MP and Maharashtra, India, which is a bundle of 2 (Two) renewable (wind) energy project activities located at the following locations in Country: India.

Bundled Sr No	Name of Wind Farm Bundle	Installed Capacity (MW)	State	Site
1	Ivy Ecoenergy India Pvt Ltd.	164	Rajasthan (112 mw)	Dangri, Osiyan, Sadiya.
			Maharashtra (26 mw)	Bhendewade, Jadhavwadi, South Bhud
			Madhya Pradesh (26 mw)	Lahori, Nipaniya.
2	Vanilla Clean Power Pvt Ltd.	64	Rajasthan (64 mw)	Dangri.

The generated electricity from the wind turbine generators (WTGs) in the bundles are connected to the state electric utility grids of RJ, MP and Maharashtra. The bundled wind power projects are operational activities with continuous reduction of GHGs, currently being applied for voluntary

carbon offset units (CoUs) under “Universal Carbon Registry” (UCR). The commissioning date of the first WTG across all the bundles is considered as the start date of the project activity and is recorded as 30/03/2008.

In the absence of the project activity, electricity would have been delivered to the grid by the operation of fossil fuel-based grid-connected power plants and by the addition of new fossil fuel based generation sources in the grid. As is the nature of wind projects (renewable energy), no fossil fuel is involved for power generation in the project activity. The electricity produced by the project is directly contributing to climate change mitigation by reducing the anthropogenic emissions of greenhouse gases (GHGs, i.e., CO_2) into the atmosphere by displacing an equivalent amount of power at grid.




operating panel OP2
Windtec
Powered by AMSC
05/04/2024 15:01


UIN-NGB0017023
DAN-T-104
2000KW


IVY Eco Energy India Pvt Ltd
Coimbatore-04
ControlNo:IEEIPL/MP/INOX/013
LOC NO:NPY 238 DOC :29.03.2016
SF NO :23/2/1 VILLAGE :VARNI
SITE :NIPANIYA CAPACITY:2000 KW
A UNIT OF
Leap Green Energy Pvt Ltd
Coimbatore-04

Scope:

The scope covers verification of emission reductions from the project - 228 MW Bundled Wind Projects in RJ, MP and Maharashtra, India (UCR ID – 423)

Criteria:
Verification criteria is as per the requirements of UCR Standard.

Description of project:

The project activity titled, 228 MW Bundled Wind Projects in RJ, MP and Maharashtra, India is a bundle of 2 (two) renewable (wind) energy project activities with details as follows:

- The project has a total capacity of 228 MW, commissioned in phases over several years. The first phase, with a capacity of 12 MW, was commissioned in March 2008. The second phase, with 30 MW, was commissioned in September 2009. An additional 54 MW was added in July 2012.

- Originally, 96 MW of the project was owned by M/s. Gujarat Fluorochemicals. In 2017, ownership was transferred to M/s. Inox Renewables Limited. Subsequently, M/s. Inox Renewable (Jaisalmer) Limited, the power producer, assigned the project to M/s. Ivy Ecoenergy India Pvt Limited, Tamil Nadu (India). Of the 132 MW capacity previously owned by M/s. Inox Renewables Limited, 68 MW was assigned to Ivy Ecoenergy India Pvt Ltd, making the total capacity under Ivy Ecoenergy 164 MW.

- The Ivy Ecoenergy wind farm bundle is owned by M/s. Ivy Ecoenergy India Pvt Ltd, a special purpose vehicle (SPV) owned by Leap Green Energy Private Limited (Project Proponent). The total installed capacity of Ivy Ecoenergy is 164 MW, comprising 89 wind turbine generators (WTGs). This includes 61 Inox WTGs with a capacity of 2 MW each and 28 Suzlon WTGs with a capacity of 1.5 MW each, located in Rajasthan, Madhya Pradesh, and Maharashtra. M/s. Inox Wind Infrastructure Services Limited provides all Engineering, Procurement, and Construction (EPC), as well as Operations and Maintenance (O&M) services.

- The Vanilla Clean Power wind farm bundle is owned by M/s. Vanilla Clean Power Pvt Ltd, with a total installed capacity of 64 MW, consisting of 32 WTGs at the Dangri site in Rajasthan. Initially, the project was under Inox Renewables Limited. M/s. Inox Renewable (Jaisalmer) Limited, the power producer, assigned the project to M/s. Vanilla Clean Power Private Limited, with its registered office at Coimbatore, Tamil Nadu (India). Vanilla Clean Power Private Limited

is a special purpose vehicle (SPV) owned by Leap Green Energy Private Limited (Project Proponent), located at Coimbatore, Tamil Nadu. All EPC and O&M services are provided by M/s. Inox Wind Infrastructure Services Limited.

The generated electricity from the wind turbine generators (WTGs) in the bundles are connected to the state electric utility grids of RJ, MP and Maharashtra.

The project activity is hence the installation of new grid connected renewable power plants/units. The baseline scenario and scenario existing prior to the implementation of the project activity are both the same.

Total GHG emission reductions achieved or net anthropogenic GHG removals by sinks achieved in this monitoring period:

Summary of the Project Activity and ERs Generated for the Monitoring Period	
Start date of this Monitoring Period	01/01/2013
Carbon credits s (CoUs) claimed up to	31/12/2022
Total ERs generated (tCO_{2eq})	26,13,659 (expressed as CoUs)
Project Emission (tCO_2eq)	0
Leakage (tCO_2eq)	0

The baseline scenario identified of the project activity is:

- 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) 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.

United Nations Sustainable Development Goals:

The project activity generates electrical power using wind energy which is generated from windmills, thereby displacing non-renewable fossil resources resulting to sustainable, economic and environmental development. In the absence of the project activity equivalent amount of power

generation would have taken place through fossil fuel dominated power generating stations. Thus, the renewable energy generation from project activity will result in reduction of the greenhouse gas emissions. Positive contribution of the project to the following Sustainable Development Goals:

- ✓ SDG13: Climate Action
- ✓ SDG7: Affordable and Clean Energy
- ✓ SDG8: Decent Work and Economic Growth

Location of project activity:

Country: India

Sr. No	Name of Wind Farm Bundle	State	Site
1	Ivy Ecoenergy India Pvt Ltd.	Rajasthan (112 MW)	Dangri, Ossiyan, Sadiya.
		Maharashtra (26 MW)	Bhendewade, South Bhud, Jadhavwadi.
		Madhya Pradesh (26 MW)	Lahori, Nipaniya.
2	Vanilla Clean Power Pvt Ltd.	Rajasthan (64 MW)	Dangri.

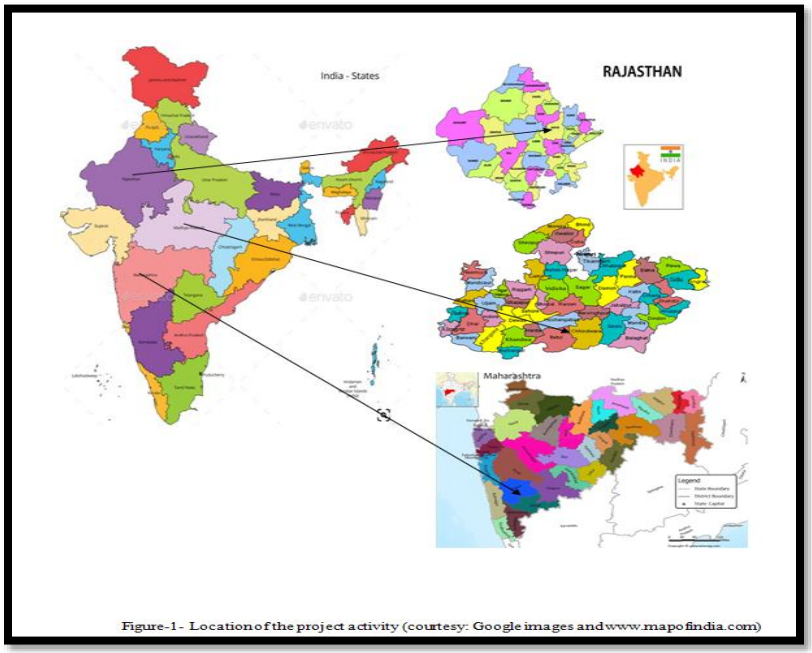


Figure-1- Location of the project activity (courtesy: Google images and www.mapofindia.com)

Ivy Ecoenergy India Pvt Ltd							
WTG NO	**Site**	**District**	**State**	**Latitude**	**Longitude**	**Installed Capacity in kW**	**COD**
J437	Sadiya	Jodhpur	Rajasthan	26.91	70.97	1500	30-Mar-08
J438	Sadiya	Jodhpur	Rajasthan	26.91	70.97	1500	30-Mar-08
J433	Sadiya	Jodhpur	Rajasthan	26.9	71.03	1500	30-Mar-08
J435	Sadiya	Jodhpur	Rajasthan	26.9	71.03	1500	30-Mar-08
J431	Sadiya	Jodhpur	Rajasthan	26.89	71.02	1500	30-Mar-08
J432	Sadiya	Jodhpur	Rajasthan	26.89	71.02	1500	30-Mar-08
J434	Sadiya	Jodhpur	Rajasthan	26.89	71.03	1500	31-Mar-08
J436	Sadiya	Jodhpur	Rajasthan	26.89	71.03	1500	31-Mar-08
DANT 110	Dangri	Jaisalmer	Rajasthan	26.59	71.41	2000	31-Jul-12
DANT 108	Dangri	Jaisalmer	Rajasthan	26.58	71.4	2000	31-Jul-12
DANT 109	Dangri	Jaisalmer	Rajasthan	26.58	71.4	2000	31-Jul-12
DANT 299	Dangri	Jaisalmer	Rajasthan	26.58	71.41	2000	30-Mar-13
DANT 111	Dangri	Jaisalmer	Rajasthan	26.58	71.41	2000	31-Jul-12
DANT 112	Dangri	Jaisalmer	Rajasthan	26.58	71.41	2000	31-Jul-12
DANT 44	Dangri	Jaisalmer	Rajasthan	26.57	71.38	2000	31-Jul-12
DANT 45	Dangri	Jaisalmer	Rajasthan	26.57	71.38	2000	31-Jul-12
DANT 46	Dangri	Jaisalmer	Rajasthan	26.57	71.39	2000	31-Jul-12
DANT 16	Dangri	Jaisalmer	Rajasthan	26.56	71.35	2000	25-Mar-13
DANT 107	Dangri	Jaisalmer	Rajasthan	26.57	71.4	2000	31-Jul-12
DANT 106	Dangri	Jaisalmer	Rajasthan	26.57	71.41	2000	31-Jul-12
DANT 105	Dangri	Jaisalmer	Rajasthan	26.57	71.41	2000	31-Jul-12
DANT 113	Dangri	Jaisalmer	Rajasthan	26.57	71.41	2000	31-Jul-12

DANT 114	Dangri	Jaisalmer	Rajasthan	26.57	71.42	2000	31-Jul-12
DANT 28	Dangri	Jaisalmer	Rajasthan	26.56	71.38	2000	25-Mar-13
DANT 47	Dangri	Jaisalmer	Rajasthan	26.56	71.39	2000	31-Jul-12
DANT 48	Dangri	Jaisalmer	Rajasthan	26.56	71.39	2000	31-Jul-12
DANT 49	Dangri	Jaisalmer	Rajasthan	26.56	71.4	2000	31-Jul-12
DANT 100	Dangri	Jaisalmer	Rajasthan	26.56	71.41	2000	31-Jul-12
DANT 101	Dangri	Jaisalmer	Rajasthan	26.56	71.41	2000	31-Jul-12
DANT 102	Dangri	Jaisalmer	Rajasthan	26.56	71.41	2000	31-Jul-12
DANT 212	Dangri	Jaisalmer	Rajasthan	26.55	71.37	2000	31-Jul-12
DANT 115	Dangri	Jaisalmer	Rajasthan	26.56	71.42	2000	31-Jul-12
DANT 116	Dangri	Jaisalmer	Rajasthan	26.56	71.42	2000	31-Jul-12
DANT 94	Dangri	Jaisalmer	Rajasthan	26.54	71.43	2000	31-Jul-12
DANT 95	Dangri	Jaisalmer	Rajasthan	26.54	71.43	2000	31-Jul-12
DANT 233	Dangri	Jaisalmer	Rajasthan	26.53	71.4	2000	14-Mar-13
DANT 211	Dangri	Jaisalmer	Rajasthan	26.54	71.45	2000	31-Jul-12
DANT 232	Dangri	Jaisalmer	Rajasthan	26.53	71.41	2000	30-Mar-13
DANT 96	Dangri	Jaisalmer	Rajasthan	26.53	71.42	2000	30-Mar-13
DANT 57	Dangri	Jaisalmer	Rajasthan	26.53	71.43	2000	31-Jul-12
DANT 91	Dangri	Jaisalmer	Rajasthan	26.53	71.44	2000	30-Mar-13
DANT 117	Dangri	Jaisalmer	Rajasthan	26.53	71.45	2000	31-Jul-12
DANT 229	Dangri	Jaisalmer	Rajasthan	26.52	71.42	2000	14-Mar-13
P020	Osiyan	Jodhpur	Rajasthan	26.78	73.05	1500	27-Sep-09
P016	Osiyan	Jodhpur	Rajasthan	26.76	73.04	1500	27-Sep-09
P017	Osiyan	Jodhpur	Rajasthan	26.76	73.05	1500	27-Sep-09

P011	Osiyan	Jodhpur	Rajasthan	26.75	73.04	1500	27-Sep-09
J741	Osiyan	Jodhpur	Rajasthan	26.75	73.05	1500	26-Sep-09
J742	Osiyan	Jodhpur	Rajasthan	26.75	73.05	1500	26-Sep-09
J743	Osiyan	Jodhpur	Rajasthan	26.75	73.05	1500	26-Sep-09
P010	Osiyan	Jodhpur	Rajasthan	26.74	73.04	1500	27-Sep-09
J745	Osiyan	Jodhpur	Rajasthan	26.74	73.05	1500	26-Sep-09
P009	Osiyan	Jodhpur	Rajasthan	26.74	73.05	1500	27-Sep-09
J746	Osiyan	Jodhpur	Rajasthan	26.74	73.06	1500	26-Sep-09
J747	Osiyan	Jodhpur	Rajasthan	26.73	73.05	1500	26-Sep-09
J748	Osiyan	Jodhpur	Rajasthan	26.72	73.05	1500	26-Sep-09
J749	Osiyan	Jodhpur	Rajasthan	26.72	73.05	1500	26-Sep-09
J750	Osiyan	Jodhpur	Rajasthan	26.72	73.05	1500	26-Sep-09
J751	Osiyan	Jodhpur	Rajasthan	26.71	73.05	1500	26-Sep-09
J752	Osiyan	Jodhpur	Rajasthan	26.71	73.06	1500	26-Sep-09
J753	Osiyan	Jodhpur	Rajasthan	26.71	73.06	1500	26-Sep-09
J754	Osiyan	Jodhpur	Rajasthan	26.7	73.05	1500	26-Sep-09
P003	Osiyan	Jodhpur	Rajasthan	26.69	73.04	1500	26-Sep-09
RVT03	Jadhavwadi	Sangli	Maharashtra	17.29	74.61	2000	31-Oct-15
SBT57	Jadhavwadi	Sangli	Maharashtra	17.27	74.6	2000	31-Oct-15
SBT24	Jadhavwadi	Sangli	Maharashtra	17.29	74.7	2000	31-Oct-15
SBT22	Jadhavwadi	Sangli	Maharashtra	17.29	74.7	2000	31-Oct-15
SBT28	Jadhavwadi	Sangli	Maharashtra	17.26	74.6	2000	31-Oct-15
RVT11	Jadhavwadi	Sangli	Maharashtra	17.26	74.6	2000	31-Oct-15
RVT15	Jadhavwadi	Sangli	Maharashtra	17.25	74.61	2000	31-Oct-15
RVT17	Jadhavwadi	Sangli	Maharashtra	17.25	74.61	2000	31-Oct-15

BHT04	Bhendewade	Kolhapur	Maharashtra	16.97	73.91	2000	30-Mar-14
BHT10	Bhendewade	Kolhapur	Maharashtra	16.97	73.92	2000	30-Mar-14
BHT23	Bhendewade	Kolhapur	Maharashtra	16.97	73.94	2000	31-Mar-14
BHT07	Bhendewade	Kolhapur	Maharashtra	16.96	73.91	2000	30-Mar-14
BHT03	Bhendewade	Kolhapur	Maharashtra	16.96	73.91	2000	31-Mar-14
LAHP 018	Lahori	Shajapur	Madhya Pradesh	23.46	76.24	2000	3/26/2016
LAHR012	Lahori	Shajapur	Madhya Pradesh	23.56	76.36	2000	3/30/2016
LAHR079	Lahori	Shajapur	Madhya Pradesh	23.40	76.33	2000	3/26/2016
LH007	Lahori	Shajapur	Madhya Pradesh	23.54	76.32	2000	3/26/2016
LH008	Lahori	Shajapur	Madhya Pradesh	23.54	76.33	2000	3/30/2016
LH016	Lahori	Shajapur	Madhya Pradesh	23.53	76.37	2000	3/30/2016
LH021	Lahori	Shajapur	Madhya Pradesh	23.56	76.35	2000	3/30/2016
LH031	Lahori	Shajapur	Madhya Pradesh	23.52	76.36	2000	3/30/2016
NPY 238	Nipaniya	Shahdol	Madhya Pradesh	24.30	75.63	2000	3/29/2016
NPY P3 121	Nipaniya	Shahdol	Madhya Pradesh	24.25	75.59	2000	3/29/2016
NPY P52	Nipaniya	Shahdol	Madhya Pradesh	24.26	75.55	2000	3/29/2016
NPY P3 153	Nipaniya	Shahdol	Madhya Pradesh	24.24	75.66	2000	3/29/2016

NPY P3 17	Nipaniya	Shahdol	Madhya Pradesh	24.12	75.60	2000	3/29/2016

Vanilla Clean Power Pvt Ltd							
WT NO	**Site**	**District**	**State**	**Latitude**	**Longitude**	**Installed Capacity in kW**	**COD**
DANT19	Dangri	Jaisalmer	Rajasthan	26.57	71.37	2000	1-Nov-12
DANT222	Dangri	Jaisalmer	Rajasthan	26.56	71.34	2000	21-Jan-13
DANT104	Dangri	Jaisalmer	Rajasthan	26.57	71.4	2000	14-Mar-13
DANT17	Dangri	Jaisalmer	Rajasthan	26.56	71.36	2000	1-Nov-12
DANT18	Dangri	Jaisalmer	Rajasthan	26.56	71.36	2000	1-Nov-12
DANT223	Dangri	Jaisalmer	Rajasthan	26.56	71.37	2000	21-Jan-13
DANT21	Dangri	Jaisalmer	Rajasthan	26.55	71.36	2000	21-Jan-13
DANT20	Dangri	Jaisalmer	Rajasthan	26.55	71.36	2000	1-Nov-12
DANT22	Dangri	Jaisalmer	Rajasthan	26.55	71.37	2000	21-Jan-13
DANT23	Dangri	Jaisalmer	Rajasthan	26.55	71.37	2000	21-Jan-13
DANT99	Dangri	Jaisalmer	Rajasthan	26.55	71.41	2000	21-Jan-13
DANT53	Dangri	Jaisalmer	Rajasthan	26.54	71.4	2000	21-Jan-13
DANT52	Dangri	Jaisalmer	Rajasthan	26.54	71.4	2000	14-Mar-13
DANT98	Dangri	Jaisalmer	Rajasthan	26.54	71.42	2000	21-Jan-13
DANT228	Dangri	Jaisalmer	Rajasthan	26.54	71.42	2000	21-Jan-13
DANT140	Dangri	Jaisalmer	Rajasthan	26.55	71.5	2000	30-Mar-13

DANT90	Dangri	Jaisalmer	Rajasthan	26.53	71.44	2000	14-Mar-13
DANT92	Dangri	Jaisalmer	Rajasthan	26.53	71.44	2000	14-Mar-13
DANT118	Dangri	Jaisalmer	Rajasthan	26.53	71.45	2000	14-Mar-13
DANT139	Dangri	Jaisalmer	Rajasthan	26.54	71.5	2000	30-Mar-13
DANT120	Dangri	Jaisalmer	Rajasthan	26.53	71.46	2000	14-Mar-13
DANT62	Dangri	Jaisalmer	Rajasthan	26.52	71.42	2000	21-Jan-13
DANT226	Dangri	Jaisalmer	Rajasthan	26.51	71.43	2000	21-Jan-13
DANT63	Dangri	Jaisalmer	Rajasthan	26.51	71.43	2000	21-Jan-13
DANT64	Dangri	Jaisalmer	Rajasthan	26.51	71.43	2000	21-Jan-13
DANT65	Dangri	Jaisalmer	Rajasthan	26.51	71.43	2000	21-Jan-13
DANT227	Dangri	Jaisalmer	Rajasthan	26.5	71.43	2000	21-Jan-13
DANT66	Dangri	Jaisalmer	Rajasthan	26.5	71.43	2000	21-Jan-13
DANT67	Dangri	Jaisalmer	Rajasthan	26.5	71.43	2000	21-Jan-13
DANT68	Dangri	Jaisalmer	Rajasthan	26.5	71.43	2000	21-Jan-13
DANT42	Dangri	Jaisalmer	Rajasthan	26.49	71.4	2000	25-Mar-13
DANT225	Dangri	Jaisalmer	Rajasthan	26.49	71.4	2000	25-Mar-13

Level of Assurance:

The verification report is based on the information collected through interviews conducted over video calls / phone calls, supporting documents provided during the verification, Project Concept Note (PCN) / Monitoring Report (MR), submitted to SQAC. The verification opinion is assured provided the credibility of all the above.

Review of the following documentation was done by SQAC Verifier, Mr. Santosh Nair, who is experienced in such projects.

- Project Concept Note (PCN)
- Monitoring Report (MR)
- Commissioning Certificates
- Joint Meter Readings
- Invoices
- Calibration Certificates
- Power Purchase Agreements
- Data provided upon request of all the documents of the related projects.

Sampling:

Since there are 89 Wind Turbine generators (WTGs) installed in M/s. Ivy Ecoenergy Pvt. Ltd. and 32 Wind Turbine generators (WTGs) installed in M/s. Vanilla Clean Power Pvt. Ltd. of total installed capacity of 228 MW at three various locations within RJ, MP & Maharashtra, 4 have been selected for complete site monitoring through video.

The 4 WTG's selected are:
Ivy Ecoenergy Pvt. Ltd. : RVT - 03, LAHR008, DANT 105
Vanilla Clean Power Pvt Ltd. : DANT 104.

Persons interviewed:

1. Mr. Chunnulal Sonkatar: Ivy Ecoenergy Pvt Ltd.
2. Mr. Farhan Khan : Vanilla Clean Power Pvt Ltd.
3. Mr. Harshad Prajapati : Ivy Ecoenergy Pvt Ltd.
4. Mr. Saurabh Tyagi : Inox Green Energy Service Limited.

Corrective Action Requests (CARs)

Corrective Action Requests (CARs) and their resolutions are listed below:

CAR 1:

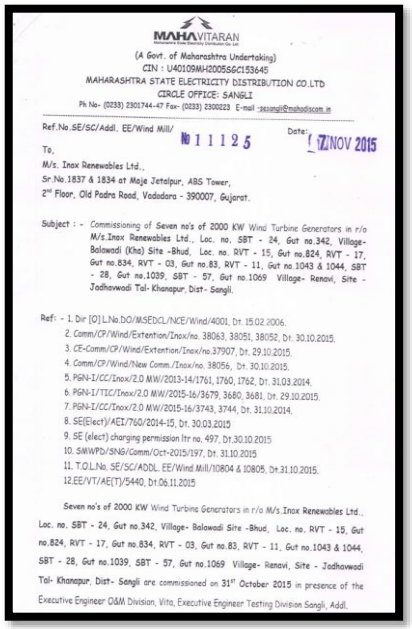
10.5 MW wind power project at Ossiyan site, in Rajasthan was issued 23,853 CERs by CDM – Project Id 7724 for the period 01/01/2013 to 31/07/2014. However, this period was also taken into account (resulting in double accounting) and reflected in all documentations (Project Concept Note, Monitoring Report & Emission Reduction calculations).

Response from Project Participant

The correction has been made accordingly in the Project Concept Note (V02), Monitoring Report (V02) and Emission Reduction calculations (V02). The mistake was due to oversight and the revised documents have been released after incorporating the related corrections.

Conclusion by Verification Team

Verified Project Concept Note (V02), Monitoring Report (V02) and Emission Reduction calculations (V02) for correction and found to be matching as per requirement. Hence Corrective Action Request CAR-1 is closed.



MAHAVITARAN

(A Govt. of Maharashtra Undertaking)
CIN : U40109MH2005SGC153645
MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO.LTD
CIRCLE OFFICE: SANGLI
Ph No- (0233) 2301744-47 Fax- (0233) 2300223 E-mail :sesangli@mahadiscom.in

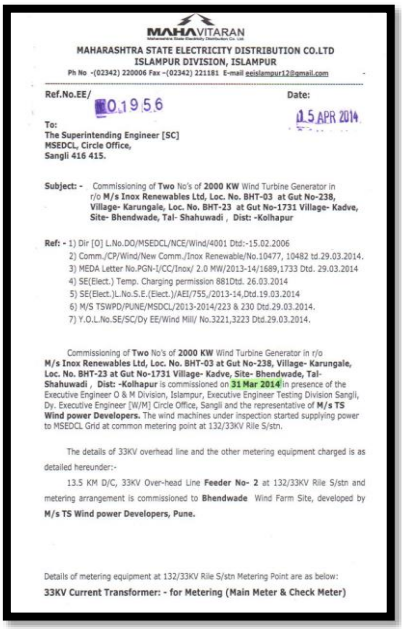
Ref.No.SE/SC/Addl. EE/Wind Mill/ No 11125 Date: 17 NOV 2015

To,
M/s. Inox Renewables Ltd.,
Sr.No.1837 & 1834 at Moje Jetalpur, ABS Tower,
2nd Floor, Old Padra Road, Vadodara - 390007, Gujarat.

Subject :- Commissioning of Seven no's of 2000 KW Wind Turbine Generators in r/o M/s.Inox Renewables Ltd., Loc. no. SBT - 24, Gut no.342, Village- Balawadi (Kha) Site -Bhud, Loc. no. RVT - 15, Gut no.824, RVT - 17, Gut no.834, RVT - 03, Gut no.83, RVT - 11, Gut no.1043 & 1044, SBT - 28, Gut no.1039, SBT - 57, Gut no.1069 Village- Renavi, Site - Jadhawadi Tal- Khanapur, Dist- Sangli.

Ref:- 1. Dir [O] L.No.DO/MSEDCL/NCE/Wind/4001, Dt. 15.02.2006.
2. Comm/CP/Wind/Extention/Inox/no. 38063, 38051, 38052, Dt. 30.10.2015.
3. CE-Comm/CP/Wind/Extention/Inox/no.37907, Dt. 29.10.2015.
4. Comm/CP/Wind/New Comm./Inox/no. 38056, Dt. 30.10.2015.
5. PGN-I/CC/Inox/2.0 MW/2013-14/1761, 1760, 1762, Dt. 31.03.2014.
6. PGN-I/TTC/Inox/2.0 MW//2015-16/3679, 3680, 3681, Dt. 29.10.2015.
7. PGN-I/CC/Inox/2.0 MW//2015-16/3743, 3744, Dt. 31.10.2014.
8. SE(Elect)/AEI/760/2014-15, Dt. 30.03.2015
9. SE (elect) charging permission ltr no. 497, Dt.30.10.2015
10. SMWPD/SNG/Comm/Oct-2015/197, Dt. 31.10.2015
11. T.O.L.No. SE/SC/ADDL. EE/Wind Mill/10804 & 10805, Dt.31.10.2015.
12.EE/VT/AE(T)/5440, Dt.06.11.2015

Seven no's of 2000 KW Wind Turbine Generators in r/o M/s.Inox Renewables Ltd., Loc. no. SBT - 24, Gut no.342, Village- Balawadi Site -Bhud, Loc. no. RVT - 15, Gut no.824, RVT - 17, Gut no.834, RVT - 03, Gut no.83, RVT - 11, Gut no.1043 & 1044, SBT - 28, Gut no.1039, SBT - 57, Gut no.1069 Village- Renavi, Site - Jadhawadi Tal- Khanapur, Dist- Sangli are commissioned on 31st October 2015 in presence of the Executive Engineer O&M Division, Vita, Executive Engineer Testing Division Sangli, Addl.



MAHAVITARAN

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO.LTD
ISLAMPUR DIVISION, ISLAMPUR
Ph No -(02342) 220006 Fax -(02342) 221181 E-mail eeislampur12@gmail.com

Ref.No.EE/ 0.1956 Date: 15 APR 2014

To:
The Superintending Engineer [SC]
MSEDCL, Circle Office,
Sangli 416 415.

Subject: - Commissioning of Two No's of 2000 KW Wind Turbine Generator in r/o M/s Inox Renewables Ltd, Loc. No. BHT-03 at Gut No-238, Village- Karungale, Loc. No. BHT-23 at Gut No-1731 Village- Kadve, Site- Bhendwade, Tal- Shahuwadi , Dist: -Kolhapur

Ref: - 1) Dir [O] L.No.DO/MSEDCL/NCE/Wind/4001 Dtd:-15.02.2006
2) Comm./CP/Wind/New Comm./Inox Renewable/No.10477, 10482 td.29.03.2014.
3) MEDA Letter No.PGN-I/CC/Inox/ 2.0 MW/2013-14/1689,1733 Dtd. 29.03.2014
4) SE(Elect.) Temp. Charging permission 881Dtd. 26.03.2014
5) SE(Elect.)L.No.S.E.(Elect.)/AEI/755,/2013-14,Dtd.19.03.2014
6) M/S TSWPD/PUNE/MSDCL/2013-2014/223 & 230 Dtd.29.03.2014.
7) Y.O.L.No.SE/SC/Dy EE/Wind Mill/ No.3221,3223 Dtd.29.03.2014.

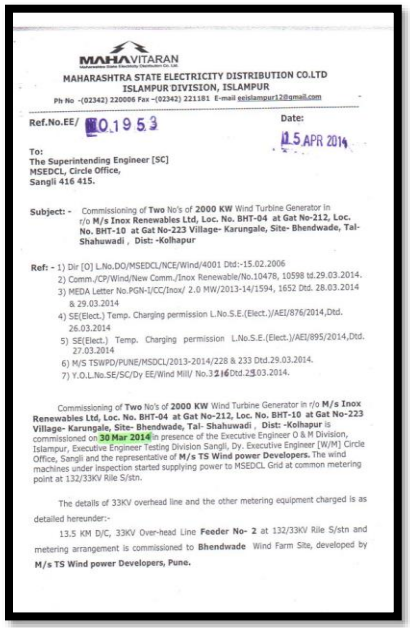
Commissioning of Two No's of 2000 KW Wind Turbine Generator in r/o M/s Inox Renewables Ltd, Loc. No. BHT-03 at Gut No-238, Village- Karungale, Loc. No. BHT-23 at Gut No-1731 Village- Kadve, Site- Bhendwade, Tal- Shahuwadi , Dist: -Kolhapur is commissioned on 31 Mar 2014 in presence of the Executive Engineer O & M Division, Islampur, Executive Engineer Testing Division Sangli, Dy. Executive Engineer [W/M] Circle Office, Sangli and the representative of M/s TS Wind power Developers. The wind machines under inspection started supplying power to MSEDCL Grid at common metering point at 132/33KV Rile S/stn.

The details of 33KV overhead line and the other metering equipment charged is as detailed hereunder:-

13.5 KM D/C, 33KV Over-head Line Feeder No- 2 at 132/33KV Rile S/stn and metering arrangement is commissioned to Bhendwade Wind Farm Site, developed by M/s TS Wind power Developers, Pune.

Details of metering equipment at 132/33KV Rile S/stn Metering Point are as below:

33KV Current Transformer: - for Metering (Main Meter & Check Meter)



MAHAVITARAN

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO.LTD
ISLAMPUR DIVISION, ISLAMPUR
Ph No -(02342) 220006 Fax -(02342) 221181 E-mail eeislampur12@gmail.com

Ref.No.EE/ 0.1953 Date: 15 APR 2014

To:
The Superintending Engineer [SC]
MSEDCL, Circle Office,
Sangli 416 415.

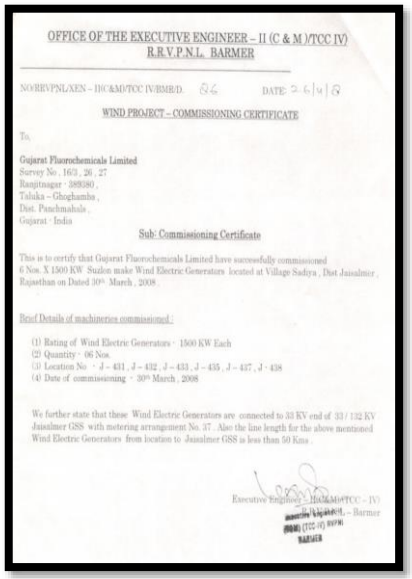
Subject: - Commissioning of Two No's of 2000 KW Wind Turbine Generator in r/o M/s Inox Renewables Ltd, Loc. No. BHT-04 at Gat No-212, Loc. No. BHT-10 at Gat No-223 Village- Karungale, Site- Bhendwade, Tal- Shahuwadi , Dist: -Kolhapur

Ref: - 1) Dir [O] L.No.DO/MSEDCL/NCE/Wind/4001 Dtd:-15.02.2006
2) Comm./CP/Wind/New Comm./Inox Renewable/No.10478, 10598 td.29.03.2014.
3) MEDA Letter No.PGN-I/CC/Inox/ 2.0 MW/2013-14/1594, 1652 Dtd. 28.03.2014 & 29.03.2014
4) SE(Elect.) Temp. Charging permission L.No.S.E.(Elect.)/AEI/876/2014,Dtd. 26.03.2014
5) SE(Elect.) Temp. Charging permission L.No.S.E.(Elect.)/AEI/895/2014,Dtd. 27.03.2014
6) M/S TSWPD/PUNE/MSDCL/2013-2014/228 & 233 Dtd.29.03.2014.
7) Y.O.L.No.SE/SC/Dy EE/Wind Mill/ No.3216 Dtd.29.03.2014.

Commissioning of Two No's of 2000 KW Wind Turbine Generator in r/o M/s Inox Renewables Ltd, Loc. No. BHT-04 at Gat No-212, Loc. No. BHT-10 at Gat No-223 Village- Karungale, Site- Bhendwade, Tal- Shahuwadi , Dist: -Kolhapur is commissioned on 30 Mar 2014 in presence of the Executive Engineer O & M Division, Islampur, Executive Engineer Testing Division Sangli, Dy. Executive Engineer [W/M] Circle Office, Sangli and the representative of M/s TS Wind power Developers. The wind machines under inspection started supplying power to MSEDCL Grid at common metering point at 132/33KV Rile S/stn.

The details of 33KV overhead line and the other metering equipment charged is as detailed hereunder:-

13.5 KM D/C, 33KV Over-head Line Feeder No- 2 at 132/33KV Rile S/stn and metering arrangement is commissioned to Bhendwade Wind Farm Site, developed by M/s TS Wind power Developers, Pune.



OFFICE OF THE EXECUTIVE ENGINEER – II (C & M)/TCC IV)
R.R.V.P.N.L. BARMER

NO/RRVPNL/XEN – II/C&M/TCC IV/BME/D. 84 DATE 2.6/4/18

WIND PROJECT – COMMISSIONING CERTIFICATE

To,

Gujarat Fluorochemicals Limited
Survey No - 16/3 , 26 , 27
Ranjitnagar - 388380 ,
Taluka - Ghoghamba ,
Dist. Panchmahals ,
Gujarat - India

Sub: Commissioning Certificate

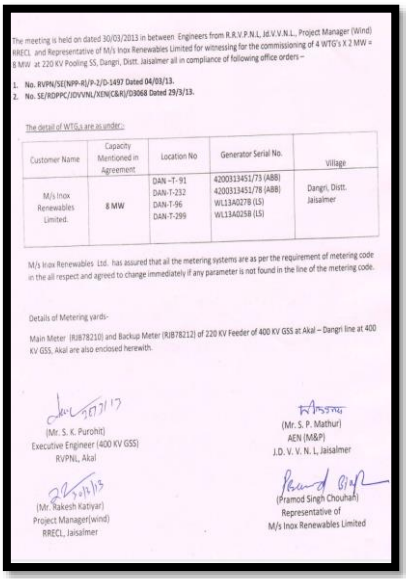
This is to certify that Gujarat Fluorochemicals Limited have successfully commissioned 6 Nos. X 1500 KW Suzlon make Wind Electric Generators located at Village Sadiya , Dist Jaisalmer , Rajasthan on Dated 30th March , 2008 .

Brief Details of machineries commissioned :

(1) Rating of Wind Electric Generators - 1500 KW Each
(2) Quantity - 06 Nos.
(3) Location No - J - 431 , J - 432 , J - 433 , J - 435 , J - 437 , J - 438
(4) Date of commissioning - 30th March , 2008

We further state that these Wind Electric Generators are connected to 33 KV end of 33 / 132 KV Jaisalmer GSS with metering arrangement No. 37 . Also the line length for the above mentioned Wind Electric Generators from location to Jaisalmer GSS is less than 50 Kms .

Executive Engineer - II(C&M)/TCC - IV)
RRVPNL - Barmer



The meeting is held on dated 30/03/2013 in between Engineers from R.R.V.P.N.L.,M.V.V.N.L., Project Manager (Wind) RRECL and Representative of M/s Inox Renewables Limited for witnessing for the commissioning of 4 WTG's X 2 MW = 8 MW at 220 KV Pooling SS, Dangri, Distt. Jaisalmer all in compliance of following office orders –

1. No. RVPN/SE(NPP-II)/P-2/D-1497 Dated 04/03/13.
2. No. SE/RDPPC/JDVVNL/XEN(C&R)/D3068 Dated 29/3/13.

The detail of WTG's are as under:-

Customer Name	Capacity Mentioned in Agreement	Location No	Generator Serial No.	Village
M/s Inox Renewables Limited.	8 MW	DAN -T-91 DAN-T-232 DAN-T-96 DAN-T-299	4200313451/73 (ABB) 4200313451/78 (ABB) WL13A027B (LS) WL13A025B (LS)	Dangri, Distt. Jaisalmer

M/s Inox Renewables Ltd. has assured that all the metering systems are as per the requirement of metering code in the all respect and agreed to change immediately if any parameter is not found in the line of the metering code.

Details of Metering yards-

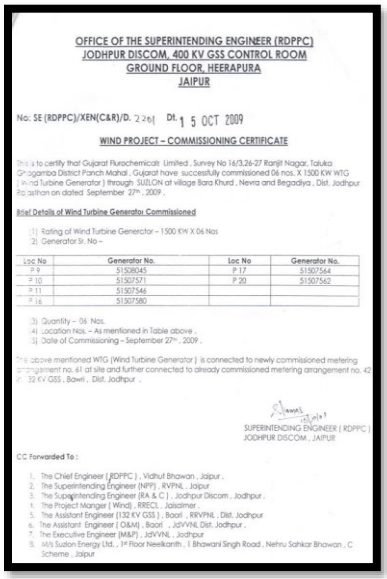
Main Meter (RJ878210) and Backup Meter (RJ878212) of 220 KV Feeder of 400 KV GSS at Akal – Dangri line at 400 KV GSS, Akal are also enclosed herewith.

(Mr. S. K. Purohit)
Executive Engineer (400 KV GSS)
RVPNL, Akal

(Mr. S. P. Mathur)
AEN (M&P)
J.D. V. V. N. L, Jaisalmer

(Mr. Rakesh Kativar)
Project Manager(wind)
RRECL, Jaisalmer

(Pramod Singh Chouhan)
Representative of
M/s Inox Renewables Limited



OFFICE OF THE SUPERINTENDING ENGINEER (RDPPC)
JODHPUR DISCOM, 400 KV GSS CONTROL ROOM
GROUND FLOOR, HEERAPURA
JAIPUR

No: SE (RDPPC)/XEN(C&R)/D. 2261 Dt. 15 OCT 2009

WIND PROJECT – COMMISSIONING CERTIFICATE

This is to certify that Gujarat Fluorochemicals Limited , Survey No 16/3,26-27 Ranjit Nagar, Taluka Ghogamba District Panch Mahal , Gujarat have successfully commissioned 06 nos. X 1500 KW WTG (Wind Turbine Generator) through SUZLON at village Bara Khurd , Nevra and Begadiya , Dist. Jodhpur Rajasthan on dated September 27th , 2009 .

Brief Details of Wind Turbine Generator Commissioned

(1) Rating of Wind Turbine Generator – 1500 KW X 06 Nos
(2) Generator Sr. No –

Loc No	Generator No.	Loc No	Generator No.
P 9	51508045	P 17	51507564
P 10	51507571	P 20	51507562
P 11	51507546		
P 16	51507580		

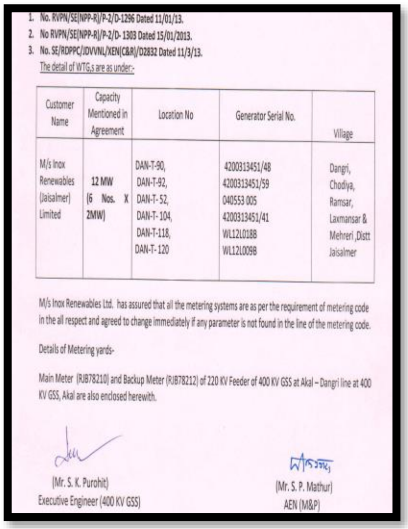
(3) Quantity – 06 Nos.
(4) Location Nos. – As mentioned in Table above .
(5) Date of Commissioning – September 27th , 2009 .

The above mentioned WTG [Wind Turbine Generator] is connected to newly commissioned metering arrangement no. 61 at site and further connected to already commissioned metering arrangement no. 42 at 132 KV GSS , Bawri , Dist. Jodhpur .

SUPERINTENDING ENGINEER (RDPPC)
JODHPUR DISCOM , JAIPUR

CC Forwarded To :

1. The Chief Engineer (RDPPC) , Vidhut Bhawan , Jaipur .
2. The Superintending Engineer (NPP) , RVPNL , Jaipur
3. The Superintending Engineer (RA & C) , Jodhpur Discom , Jodhpur .
4. The Project Manger (Wind) , RRECL , Jaisalmer .
5. The Assistant Engineer (132 KV GSS) , Baori , RRVPNL , Dist. Jodhpur
6. The Assistant Engineer (O&M) , Baori , JdVVNL Dist. Jodhpur .
7. The Executive Engineer (M&P) , JdVVNL , Jodhpur
8. M/s Suzlon Energy Ltd., 1st Floor Neelkanth , 1 Bhawani Singh Road , Nehru Sahkar Bhawan , C Scheme , Jaipur



1. No. RVPN/SE(NPP-R)/P-2/D-1296 Dated 11/01/13.
2. No RVPN/SE(NPP-R)/P-2/D- 1303 Dated 15/01/2013.
3. No. SE/RDPPC/JDVVNL/XEN(C&R)/D2832 Dated 11/3/13.

The detail of WTG,s are as under:-

Customer Name	Capacity Mentioned in Agreement	Location No	Generator Serial No.	Village
M/s Inox Renewables (Jaisalmer) Limited	12 MW (6 Nos. X 2MW)	DAN-T-90, DAN-T-92, DAN-T- 52, DAN-T- 104, DAN-T-118, DAN-T- 120	4200313451/48 4200313451/59 040553 005 4200313451/41 WL12L0188 WL12L009B	Dangri, Chodiya, Ramsar, Laxmansar & Mehreri ,Distt Jaisalmer

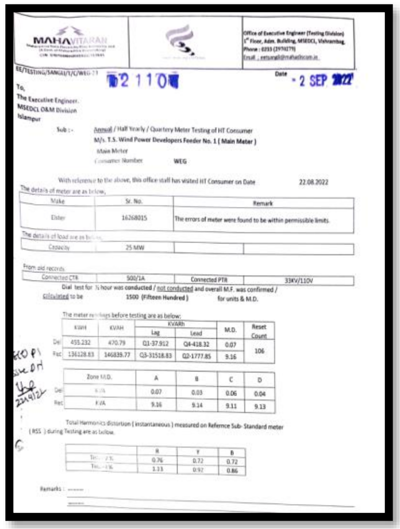
M/s Inox Renewables Ltd. has assured that all the metering systems are as per the requirement of metering code in the all respect and agreed to change immediately if any parameter is not found in the line of the metering code.

Details of Metering yards-

Main Meter (RJB78210) and Backup Meter (RJB78212) of 220 KV Feeder of 400 KV GSS at Akal – Dangri line at 400 KV GSS, Akal are also enclosed herewith.

(Mr. S. K. Purohit)
Executive Engineer (400 KV GSS)

(Mr. S. P. Mathur)
AEN (M&P)



MAHAVITARAN

Office of Executive Engineer (Testing Division)
1st Floor, Adm. Building, MSEDCL, Vishrambag,
Phone : 0233 (2974179)

EE/TESTING/SANGLI/T/C/WEG-71 2110 Date - 2 SEP 2022

To,
The Executive Engineer,
MSEDCL O&M Division
Islampur

Sub :- Annual / Half Yearly / Quarterly Meter Testing of HT Consumer
M/s. T.S. Wind Power Developers Feeder No. 1 (Main Meter)
Main Meter
Consumer Number WEG

With reference to the above, this office staff has visited HT Consumer on Date 22.08.2022

The details of meter are as below,

Make	Sr. No.	Remark
Elster	16268015	The errors of meter were found to be within permissible limits.

The details of load are as below,

Capacity	25 MW		

From old records

Connected CTR	500/1A	Connected PTR	33KV/110V

Dial test for ½ hour was conducted / not conducted and overall M.F. was confirmed / calculated to be 1500 (Fifteen Hundred) for units & M.D.

The meter readings before testing are as below:

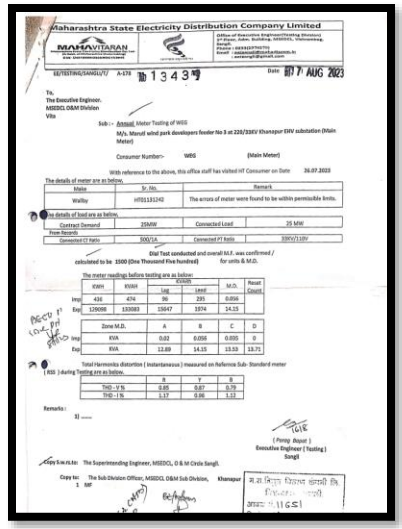
	KWH	KVAH	KVARh Lag	KVARh Lead	M.D.	Reset Count
Del	455.232	470.79	Q1-37.912	Q4-418.32	0.07	106
Rec	136128.83	146839.77	Q3-31518.83	Q2-1777.85	9.16	

	Zone M.D.	A	B	C	D
Del	KVA	0.07	0.03	0.06	0.04
Rec	KVA	9.16	9.14	9.11	9.13

Total Harmonics distortion (instantaneous) measured on Refernce Sub- Standard meter (RSS) during Testing are as below.

	R	Y	B
THD - V %	0.76	0.72	0.72
THD - I %	1.13	0.92	0.86

Remarks : -----



Maharashtra State Electricity Distribution Company Limited

MAHAVITARAN

EE/TESTING/SANGLI/T/ A-178 13439 Date 07 AUG 2023

To,
The Executive Engineer,
MSEDCL O&M Division
Vita

Sub :- Annual Meter Testing of WEG
M/s. Maruti wind park developers feeder No 3 at 220/33KV Khanapur EHV substation (Main Meter)

Consumer Number:- WEG (Main Meter)

With reference to the above, this office staff has visited HT Consumer on Date 26.07.2023

The details of meter are as below,

Make	Sr. No.	Remark
Wallby	HT01131242	The errors of meter were found to be within permissible limits.

The details of load are as below,

Contract Demand	25MW	Connected Load	25 MW
From Records			
Connected CT Ratio	500/1A	Connected PT Ratio	33KV/110V

Dial Test conducted and overall M.F. was confirmed / calculated to be 1500 (One Thousand Five hundred) for units & M.D.

The meter readings before testing are as below:

	KWH	KVAH	KVARh Lag	KVARh Lead	M.D.	Reset Count
Imp	436	474	96	295	0.056	
Exp	129098	133083	15047	1974	14.15	

	Zone M.D.	A	B	C	D
Imp	KVA	0.02	0.056	0.035	0
Exp	KVA	12.89	14.15	13.53	13.71

Total Harmonics distortion (instantaneous) measured on Refernce Sub- Standard meter (RSS) during Testing are as below.

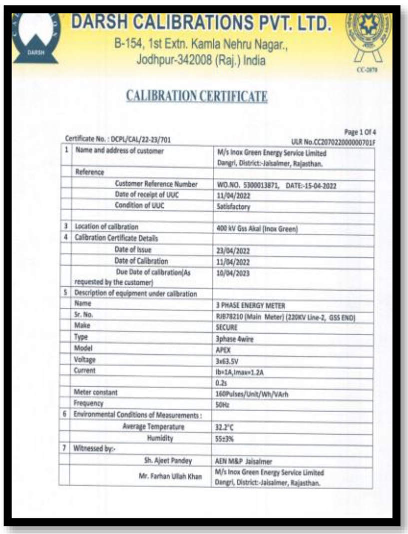
	R	Y	B
THD - V %	0.85	0.87	0.79
THD - I %	1.17	0.96	1.12

Remarks :
1) ----

(Parag Bapat)
Executive Engineer (Testing)
Sangli

Copy S.w.r.to: The Superintending Engineer, MSEDCL, O & M Circle Sangli.

Copy to: The Sub Division Officer, MSEDCL O&M Sub Division, Khanapur
1 MF



DARSH CALIBRATIONS PVT. LTD.
B-154, 1st Extn. Kamla Nehru Nagar.,
Jodhpur-342008 (Raj.) India

CC-2870

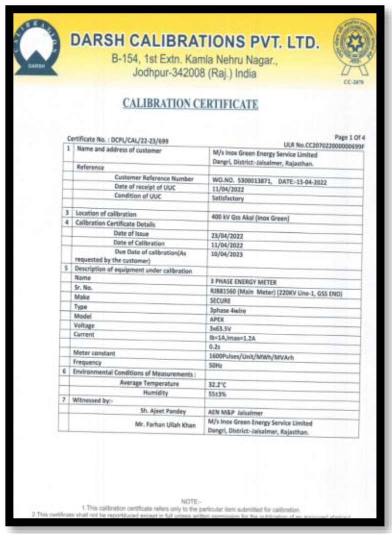
CALIBRATION CERTIFICATE

Page 1 Of 4

Certificate No. : DCPL/CAL/22-23/701

ULR No.CC207022000000701F

1	Name and address of customer	M/s Inox Green Energy Service Limited Dangri, District:-Jaisalmer, Rajasthan.
	Reference	
	Customer Reference Number	WO.NO. 5300013871, DATE:-15-04-2022
	Date of receipt of UUC	11/04/2022
	Condition of UUC	Satisfactory
3	Location of calibration	400 kV Gss Akal (Inox Green)
4	Calibration Certificate Details	
	Date of Issue	23/04/2022
	Date of Calibration	11/04/2022
	Due Date of calibration(As requested by the customer)	10/04/2023
5	Description of equipment under calibration	
	Name	3 PHASE ENERGY METER
	Sr. No.	RJB78210 (Main Meter) (220KV Line-2, GSS END)
	Make	SECURE
	Type	3phase 4wire
	Model	APEX
	Voltage	3x63.5V
	Current	Ib=1A,Imax=1.2A
		0.2s
	Meter constant	160Pulses/Unit/Wh/VArh
	Frequency	50Hz
6	Environmental Conditions of Measurements :	
	Average Temperature	32.2°C
	Humidity	55±3%
7	Witnessed by:-	
	Sh. Ajeet Pandey	AEN M&P Jaisalmer
	Mr. Farhan Ullah Khan	M/s Inox Green Energy Service Limited Dangri, District:-Jaisalmer, Rajasthan.



DARSH CALIBRATIONS PVT. LTD.
B-154, 1st Extn. Kamla Nehru Nagar.,
Jodhpur-342008 (Raj.) India

CC-2870

CALIBRATION CERTIFICATE

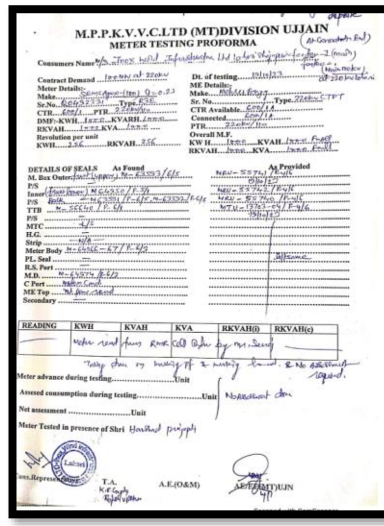
Page 1 Of 4

Certificate No. : DCPL/CAL/22-23/699

ULR No.CC207022000000699F

1	Name and address of customer	M/s Inox Green Energy Service Limited Dangri, District:-Jaisalmer, Rajasthan.
	Reference	
	Customer Reference Number	WO.NO. 5300013871, DATE:-15-04-2022
	Date of receipt of UUC	11/04/2022
	Condition of UUC	Satisfactory
3	Location of calibration	400 kV Gss Akal (Inox Green)
4	Calibration Certificate Details	
	Date of Issue	23/04/2022
	Date of Calibration	11/04/2022
	Due Date of calibration(As requested by the customer)	10/04/2023
5	Description of equipment under calibration	
	Name	3 PHASE ENERGY METER
	Sr. No.	RJB81560 (Main Meter) (220KV Line-1, GSS END)
	Make	SECURE
	Type	3phase 4wire
	Model	APEX
	Voltage	3x63.5V
	Current	Ib=1A,Imax=1.2A
		0.2s
	Meter constant	1600Pulses/Unit/MWh/MVArh
	Frequency	50Hz
6	Environmental Conditions of Measurements :	
	Average Temperature	32.2°C
	Humidity	55±3%
7	Witnessed by:-	
	Sh. Ajeet Pandey	AEN M&P Jaisalmer
	Mr. Farhan Ullah Khan	M/s Inox Green Energy Service Limited Dangri, District:-Jaisalmer, Rajasthan.

NOTE:-
1.This calibration certificate refers only to the particular item submitted for calibration.



M.P.P.K.V.V.C.LTD (MT)DIVISION UJJAIN
METER TESTING PROFORMA

Consumers Name M/s. Inox Wind Infrastructure Ltd

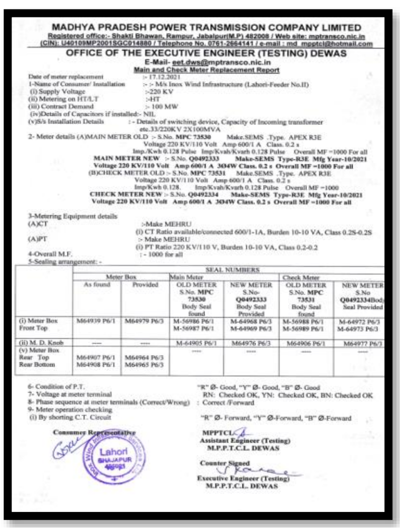
Contract Demand .... Dt. of testing ....
Meter Details:- ME Details:-
Make .... Make ....
Sr.No. .... Type .... Sr. No. .... Type ....
CTR .... PTR .... CTR Available ....
DMF:-KWH .... KVARH .... Connected ....
RKVAH .... KVA .... PTR ....
Revolution per unit Overall M.F.
KWH .... RKVAH .... KW H .... KVAH ....
RKVAH .... KVA ....

DETAILS OF SEALS As Found As Provided
M. Box Outer
P/S
Inner
P/S
TTB
P/S
MTC
H.G.
Strip
Meter Body
PL. Seal
R.S. Port
M.D.
C Port
ME Top
Secondary

READING	KWH	KVAH	KVA	RKVAH(i)	RKVAH(c)

Meter advance during testing .... Unit
Assesed consumption during testing .... Unit
Net assessment .... Unit
Meter Tested in presence of Shri

Cons.Representative T.A. A.E.(O&M) AE/EE(MT)UJN



MADHYA PRADESH POWER TRANSMISSION COMPANY LIMITED
Registered office:- Shakti Bhawan, Rampur, Jabalpur(M.P) 482008 / Web site: mptransco.nic.in
(CIN): U40109MP2001SGC014880 / Telephone No. 0761-2664141 / e-mail : md_mpptcl@hotmail.com

OFFICE OF THE EXECUTIVE ENGINEER (TESTING) DEWAS
E-Mail- eet.dws@mptransco.nic.in

Main and Check Meter Replacement Report

Date of meter replacement :- 17.12.2021
1-Name of Consumer/ Installation :- :- M/s Inox Wind Infrastructure (Lahori-Feeder No.II)
(i) Supply Voltage :-220 KV
(ii) Metering on HT/LT :-HT
(iii) Contract Demand :- 100 MW
(iv)Details of Capacitors if installed:- NIL
(v)S/s Installation Details : - Details of switching device, Capacity of Incoming transformer etc.33/220KV 2X100MVA

2- Meter details (A)MAIN METER OLD :- S.No. MPC 73530 Make.SEMS .Type. APEX R3E
Voltage 220 KV/110 Volt Amp 600/1 A Class. 0.2 s
Imp./Kwh 0.128 Pulse Imp/Kvah/Kvarh 0.128 Pulse Overall MF =1000 For all
MAIN METER NEW :- S.No. Q0492333 Make-SEMS Type-R3E Mfg Year-10/2021
Voltage 220 KV/110 Volt Amp 600/1 A 3Φ4W Class. 0.2 s Overall MF =1000 For all
(B)CHECK METER OLD :- S.No. MPC 73531 Make.SEMS .Type. APEX R3E
Voltage 220 KV/110 Volt Amp 600/1 A Class. 0.2 s
Imp/Kwh 0.128. Imp/Kvah/Kvarh 0.128 Pulse Overall MF =1000
CHECK METER NEW :- S.No. Q0492334 Make-SEMS Type-R3E Mfg Year-10/2021
Voltage 220 KV/110 Volt Amp 600/1 A 3Φ4W Class. 0.2 s Overall MF =1000 For all

3-Metering Equipment details
(A)CT :-Make MEHRU
(i) CT Ratio available/connected 600/1-1A, Burden 10-10 VA, Class 0.2S-0.2S
(A)PT :- Make MEHRU
(i) PT Ratio 220 KV/110 V, Burden 10-10 VA, Class 0.2-0.2
4-Overall M.F. : - 1000 for all
5-Sealing arrangement: -

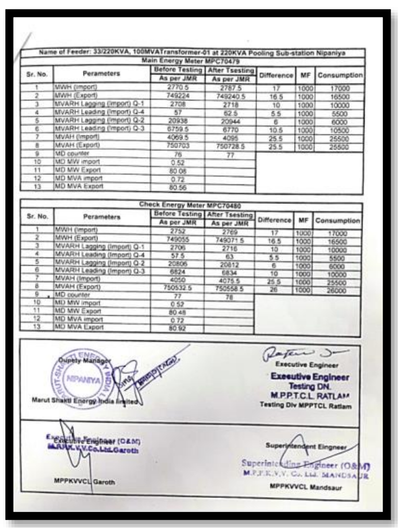
	SEAL NUMBERS					
	Meter Box		Main Meter		Check Meter	
	As found	Provided	OLD METER S.No. MPC 73530 Body Seal found	NEW METER S.No- Q0492333 Body Seal Provided	OLD METER S.No. MPC 73531 Body Seal found	NEW METER S.No Q0492334Body Seal Provided
(i) Meter Box Front Top	M64939 P6/1	M64979 P6/3	M-56986 P6/1 M-56987 P6/1	M-64968 P6/3 M-64969 P6/3	M-56988 P6/1 M-56989 P6/1	M-64972 P6/3 M-64973 P6/3
(ii) M. D. Knob	----	----	M-64905 P6/1	M64976 P6/3	M64906 P6/1	M64977 P6/3
(v) Meter Box Rear Top Rear Bottom	M64907 P6/1 M64908 P6/1	M64964 P6/3 M64965 P6/3	----	----	----	----

6- Condition of P.T. "R" Ø- Good, "Y" Ø- Good, "B" Ø- Good
7- Voltage at meter terminal RN: Checked OK, YN: Checked OK, BN: Checked OK
8- Phase sequence at meter terminals (Correct/Wrong) : Correct /Forward
9- Meter operation checking
(i) By shorting C.T. Circuit "R" Ø- Forward, "Y" Ø-Forward, "B" Ø-Forward

Consumer Representative

MPPTCL
Assistant Engineer (Testing)
M.P.P.T.C.L. DEWAS

Counter Signed
Executive Engineer (Testing)
M.P.P.T.C.L. DEWAS



Name of Feeder: 33/220KVA, 100MVATransformer-01 at 220KVA Pooling Sub-station Nipaniya						
Main Energy Meter MPC70479						
Sr. No.	Perameters	Before Testing As per JMR	After Tsesting As per JMR	Difference	MF	Consumption
1	MWH (Import)	2770.5	2787.5	17	1000	17000
2	MWH (Export)	749224	749240.5	16.5	1000	16500
3	MVARH Lagging (Import) Q-1	2708	2718	10	1000	10000
4	MVARH Leading (Import) Q-4	57	62.5	5.5	1000	5500
5	MVARH Lagging (Import) Q-2	20938	20944	6	1000	6000
6	MVARH Leading (Import) Q-3	6759.5	6770	10.5	1000	10500
7	MVAH (Import)	4069.5	4095	25.5	1000	25500
8	MVAH (Export)	750703	750728.5	25.5	1000	25500
9	MD counter	76	77			
10	MD MW import	0.52				
11	MD MW Export	80.08				
12	MD MVA import	0.72				
13	MD MVA Export	80.56				

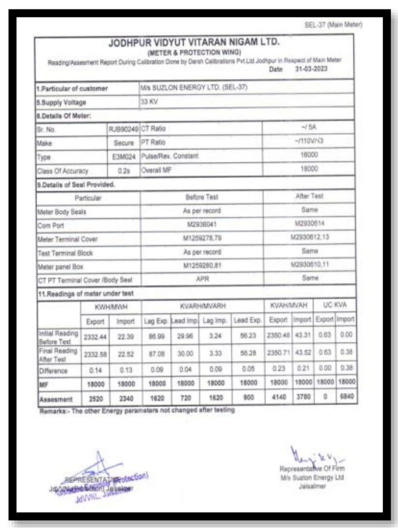
Check Energy Meter MPC70480						
Sr. No.	Perameters	Before Testing As per JMR	After Tsesting As per JMR	Difference	MF	Consumption
1	MWH (Import)	2752	2769	17	1000	17000
2	MWH (Export)	749055	749071.5	16.5	1000	16500
3	MVARH Lagging (Import) Q-1	2706	2716	10	1000	10000
4	MVARH Leading (Import) Q-4	57.5	63	5.5	1000	5500
5	MVARH Lagging (Import) Q-2	20806	20812	6	1000	6000
6	MVARH Leading (Import) Q-3	6824	6834	10	1000	10000
7	MVAH (Import)	4050	4075.5	25.5	1000	25500
8	MVAH (Export)	750532.5	750558.5	26	1000	26000
9	MD counter	77	78			
10	MD MW import	0.52				
11	MD MW Export	80.48				
12	MD MVA import	0.72				
13	MD MVA Export	80.92				

Deputy Manager
Marut Shakti Energy India limited

Executive Engineer
Executive Engineer Testing DN. M.P.P.T.C.L. RATLAM
Testing Div MPPTCL Ratlam

Executive Engineer (O&M)
M.P.P.K.V.V.Co.Ltd.Garoth
MPPKVVCL Garoth

Superintendent Engineer
Superintending Engineer (O&M) M.P.P.K.V.V. Co. Ltd. MANDSAUR
MPPKVVCL Mandsaur



SEL-37 (Main Meter)

JODHPUR VIDYUT VITARAN NIGAM LTD.
(METER & PROTECTION WING)
Reading/Assesment Report During Calibration Done by Darsh Calibrations Pvt.Ltd Jodhpur in Respect of Main Meter
Date 31-03-2023

1.Particular of customer	M/s SUZLON ENERGY LTD. (SEL-37)		
5.Supply Voltage	33 KV		
8.Details Of Meter:			
Sr. No.	RJB90249	CT Ratio	-/ 5A
Make	Secure	PT Ratio	-/110V/√3
Type	E3M024	Pulse/Rev. Constant	18000
Class Of Accuracy	0.2s	Overall MF	18000

9.Details of Seal Provided.

Particular	Before Test	After Test
Meter Body Seals	As per record	Same
Com Port	M2936041	M2930614
Meter Terminal Cover	M1259278,79	M2930612,13
Test Terminal Block	As per record	Same
Meter panel Box	M1259280,81	M2930610,11
CT PT Terminal Cover /Body Seal	APR	Same

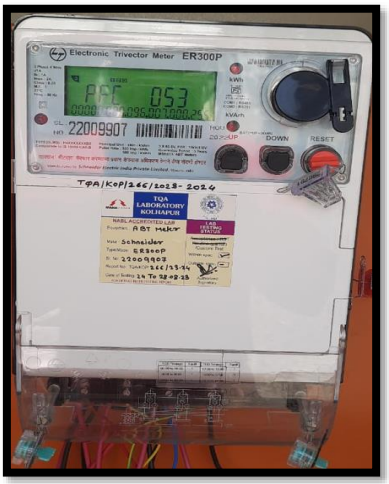
11.Readings of meter under test

	KWH/MWH Export	KWH/MWH Import	KVARH/MVARH Lag Exp.	KVARH/MVARH Lead Imp.	KVARH/MVARH Lag Imp.	KVARH/MVARH Lead Exp.	KVAH/MVAH Export	KVAH/MVAH Import	UC KVA Export	UC KVA Import
Initial Reading Before Test	2332.44	22.39	86.99	29.96	3.24	56.23	2350.48	43.31	0.63	0.00
Final Reading After Test	2332.58	22.52	87.08	30.00	3.33	56.28	2350.71	43.52	0.63	0.38
Difference	0.14	0.13	0.09	0.04	0.09	0.05	0.23	0.21	0.00	0.38
MF	18000	18000	18000	18000	18000	18000	18000	18000	18000	18000
Assesment	2520	2340	1620	720	1620	900	4140	3780	0	6840

Remarks:- The other Energy parameters not changed after testing

REPRESENTATIVE

Representative Of Firm
M/s Suzlon Energy Ltd
Jaisalmer



220/33 kv Khanapur SS

Brief description of the installed technology and equipment:

Particulars	Details
Project Activity	IVY Ecoenergy India Pvt Ltd (SPV of leap green energy)
Project Capacity & Units	164 MW& 89 Nos WTGs
Project Commercial Status	Grid Connected
Project Evacuation Details	220/33 kv Lahori substation 220 KV nipaniya Dangri SS 220/33KV 400 kv GSS Akal. SHIRALA(RILE) SS 132 / 33 Kv, 220/33 khanapur ss
Total number of Wind Turbine	89 No.
Rated power for Wind Turbine	2000 kwh (61 no's Inox WTG) and 1500 kwh (28 numbers Suzlon WTG)
Rotor diameter for Wind turbine	93 m and 82 m
Hub height	80 and 76.8 m
Turbine Type	Tubular
Power Control	Pitch
Cut in wind speed	3 M/S
Cut-outWindspeed	20 M/S
Rated windspeed	< = 11.5 M/S

Particulars	Details
Project Activity	Vanilla Clean Power Pvt. Ltd. (SPV of leap green energy)
Project Location	Dhangri (Rajasthan)
Project Capacity & Units	64 Mw & 32 WTGs
Project Evacuation Details	Dangri GSS 220/33KV 400 kv GSS Akal
Total number of Wind Turbine	32 Nos Inox
Rated power for Wind Turbine	2000 kwh (Inox WTG)
Rotor Height and diameter	80 m and 93.3 m
Types of generator	Asynchronous
Power Regulation	Pitch

Main meter and check metes details Site wise:

Site	Feeder	Main Meter	Check Meter
Bhendewade	T.S. wind power developers Rile Feeder No.1	16268015	16268016
	T.S. wind power developers Rile Feeder No.2	16268017	16268023
South Bhud	Khanapur Feeder. No.1	Q0479705	Q0800100
	Khanapur Feeder. No.2	22009907	22004133
	Khanapur Feeder. No.3	HTO1131242	HTO1131241

Nipaniya	Feeder No.1	MPC70479	MPC70480
	Feeder No.2	MPC70481	MPC70482
Lahori	Feeder No.1 (Old meter)	MPC73532	MPC72374
	Feeder No.1 (New meter)	Q0492331	Q0492332
	Feeder No.2 (Old meter)	MPC 73530	MPC 73531
	Feeder No.2 (New meter)	Q0492333	Q0492334
Dangri	Feeder No.2	RJB78210	RJB78212
	Feeder No.1	RJB 81560	RJB 81561
Sadiya	Feeder No.1 (Old meter)	RJB 00334	RJB 00326
	Feeder No.1 (New meter)	RJB 90249	RJB 90250
Osiyan	Feeder No.1	RJB 73523	RJB 73520

Application of methodologies and standardized baselines

References to methodologies and standardized baselines

SECTORAL SCOPE – 01 Energy industries (Renewable/Non-renewable sources)
TYPE I – Renewable Energy Projects
SCALE – Large Scale
CATEGORY – ACM0002, version 21.0

Applicability of methodologies and standardized baselines

The project activity involves generation of grid connected electricity from the construction and operation of a new wind power-based power project for supply to grid. The project activity has installed capacity of 228 MW which qualifies for a large-scale project activity. The project status is corresponding to the methodology ACM0002 version 21.0 and applicability of methodology is discussed below:

- This project is included within the UCR Standard Positive List of technologies and is within the large -scale CDM thresholds (i.e., installed capacity greater than 15 MW). The UCR positive list comprises of: (a) generation of grid connected electricity from the construction

and operation of a new wind power-based power project for supply to grid.

- Project activity involves power generation with installed capacity of 228 MW.
- The project activity is a Renewable Energy Project i.e., Wind Power Project which falls under applicability criteria option 1 (a) i.e., "Install a Greenfield power plant". Hence the project activity meets the given applicability criterion of ACM0002.
- The project activity is wind energy power project and not a hydro power project activity.
- The project activity does not involve any retrofit measures nor any replacement to existing WEGs. Hence there are no new units having either renewable or non-renewable components (e.g., a wind/diesel unit).
- The project activity is not a combined heat and power (co-generation) system.
- No biomass is involved, the project is only a wind energy power project. The case for retrofit, rehabilitation or replacement, towards a Large-scale project is also not applicable.
- The project activity is a voluntary coordinated action. The project activity is a greenfield of 228 MW Wind Electric Project, i.e., no capacity addition was done to any existing power plant.
- The project activity is not a landfill gas, waste gas, wastewater treatment and agro-industries project, and does not recover methane emissions and is not eligible under any relevant Type III category.
- The project activity comprises of renewable power/energy generation through wind energy and displaces fossil fuel powered electricity from the regional grid by supplying renewable power to the grid itself. Hence this UNFCCC CDM Methodology is applicable and fulfilled.
- The project activity involves the installation of new power plants at listed sites where there was no renewable energy power plant operating prior to implementation of project.

Applicability of double counting emission reductions

The UCR project activity was registered under CDM and Gold Standard registry as per below given details:

Registry	ID	Project name	Registration Date	Crediting Period	Issuance
CDM	7724	10.5 MW wind power project in Ossiya, Rajasthan by Gujarat Fluorochemicals Limited (GFL)	24-Dec-12	01 Jan 13 - 31 Dec 19	CER Issued for the period of 01/01/2023 to 31/07/2014
CDM	9573	19.5 MW wind power project in Ossiya, Rajasthan by Gujarat Fluorochemicals Limited (GFL)	8-Feb-13	01 Apr 13 - 31 Mar 20	CER not issued
CDM	Applied	12 MW wind power project in Sadiya, Rajasthan by Gujarat Fluorochemicals Limited (GFL)	Not registered		CER not issued
Gold Standard	2424	19.5 MW wind power project in Ossiya, Rajasthan by Gujarat Fluorochemicals Limited (GFL)		Apr 01, 2013 — Mar 31, 2020	Carbon credits was not issued
Gold Standard	2422	10.5 MW wind power project in Ossiya, Rajasthan by Gujarat Fluorochemicals Limited (GFL)		Jan 01, 2013 — Dec 31, 2019	Carbon credits was not issued

The project activity is now seeking CoUs under the UCR CoU Standard/Program for the period of 01/08/2014 to 31/12/2022 for 10.5 MW Ossiyan site and for the period 01/01/2013 to 31/12/2022 for other sites and hence there is no double counting issue of carbon credits for the said vintage period.

Agreement for Double Counting Avoidance from Proponents has been provided duly signed by Leap Green Energy Private limited and Inox Green Energy Service limited (M/s. Ivy Ecoenergy Pvt Ltd. and M/s. Vanilla Clean Power Pvt. Ltd). on 17.05.2024.

Project boundary, sources and greenhouse gases (GHGs)

As per applicable methodology ACM0002 version 21.0, “The spatial extent of the project boundary includes the project power plant and all power plants connected physically to the electricity system that the UCR project power plants are connected”. The project boundary encompasses the physical, geographical site of the wind energy power plant, the energy metering equipment and the connected regional electricity grid.

	Source	GHG	Included?	Justification/Explanation
Baseline	Grid connected electricity	CO_2	**Included**	Major source of emission
		CH_4	Excluded	Excluded for simplification. This is conservative
		N_2O	Excluded	Excluded for simplification. This is conservative
Project Activity	Greenfield Wind Power Project	CO_2	Excluded	Excluded for simplification. This is conservative
		CH_4	Excluded	Excluded for simplification. This is conservative
		N_2O	Excluded	Excluded for simplification. This is conservative

Establishment and description of baseline scenario (UCR Protocol)

Net GHG Emission Reductions and Removals:

$$\mathbf{ER_y = BE_y - PE_y - LE_y}$$

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)

a) 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 Annual Emission Reductions to be calculated are as follows: $\mathbf{BE_y = EG_{BL,yl} \times EF_{CO2,GRID,y}}$

Where:
BE_y = Emission reductions in year y (tCO_2)

$EG_{BL,}$ = Quantity of net electricity supplied to the grid as a result of the implementation of the UCR project activity in year y (MWh)

$EF_{CO2, GRID, y}$ = CO_2 emission factor of the grid in year y (t CO_2/MWh) as determined by the UCR Standard.

Total Installed Capacity: 228 MW

Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total electricity Supplied to Grid in MWh	194156.1	241514.1	281032.2	299721.4	326266.8	282111.1	296697.6	309820.9	345818.9	326934.2

Month--Wise Energy Delivered to Grid (kWh)															
Year	January	February	March	April	May	June	July	August	September	October	November	December	G. Total	MW	CoU
2013	5036628	15563621	14127412	10151149	23976833	29697818	24080787	20663986	22183907	9378650	8993079	10302184	19,41,56,054	194156.054	174740
2014	20921115	14273341	15965730	9434224	18808763	43523926	33458252	27171681	24148747	12521785	9865053	11421491	24,15,14,108	241514.108	217362
2015	13638875	22641767	21397473	21303216	26499607	26154405	42840464	33039911	21843344	20322733	20171187	11179214	28,10,32,196	281032.196	252928
2016	9186637	16185066	19041493	16678260	40808585	39771386	48465639	32630891	34667726	19965499	9497744	12822474	29,97,21,400	299721.4	269749
2017	22767814	20624307	20403136	38520190	39481422	44001731	40343063	37831279	17350915	9889523	13062434	21991027	32,62,66,839	326266.8391	293640
2018	9674954	12732962	16635141	22813895	30177964	46827554	46217090	42362896	20728333	10230105	10299361	13410797	28,21,11,053	282111.0528	253899
2019	13422538	16513468	15175164	19158077	28360300	36270050	56350999	33666658	20231847	10873978	23515058	23159464	29,66,97,601	296697.6014	267027
2020	21611388	21013842	24436559	21499113	35645447	41011038	40827573	36123238	14635772	15025282	16835997	21155685	30,98,20,934	309820.934	278838
2021	20836941	12440809	25857032	24409127	38309217	52699686	52119859	49236421	18945184	17453235	15357349	18154012	34,58,18,872	345818.872	311236
2022	15286401	20377759	23108702	26668942	56312864	53590381	31113713	32108855	26262511	13888370	11534419	16681287	32,69,34,203	326934.2026	294240
													2,90,40,73,260	29,04,073.26	26,13,659

Issuance Period: 10 years – 01/01/2013 to 31/12/2022

(BEy) = 29,04,073.26 MWh *0.9 tCO_2/MW = 26,13,659 tCO_2e (i.e., 26,13,659 CoUs) (rounddown value)

Total baseline emission reductions (BE_y) = 26,13,659 CoUs (26,13,659 tCO_2eq)

Emissions:

a) Project Emissions

Since the project activity is a wind power project, project emission for renewable energy plant is nil.

Thus, **PE_y =0**.

b) Leakage

In the project activity, there is no transfer of energy generating equipment and therefore the leakage from the project activity is considered as zero.

Hence, **LEy= 0**

Emission Reduction:

ER_y = $BE_y – PE_y – LE_y$
= 26,13,659 – 0 – 0
= 26,13,659

Total Emission Reductions (ER_y) = 26,13,659 CoUs (26,13,659 tCO_2eq)

Emission Reductions (ERy)	M/s. Ivy Ecoenergy India Pvt. Ltd.	M/s. Vanilla Clean Power Pvt. Ltd.	Total
	18,14,392	7,99,267	26,13,659 CoU

Total Emission Reductions (ER_y)

Year	ERy tCO_2
2013	174740
2014	217362
2015	252928
2016	269749
2017	293640
2018	253899
2019	267027
2020	278838
2021	311236
2022	294240
Total	**26,13,659**

Conclusions:

Based on the audit conducted on the basis of UCR Protocol, which draws reference from UCR Protocol Standard Baseline, ACM0002: Grid-connected electricity generation from renewable sources --- Version 21.0, the documents submitted during the verification including the data, Project Concept Note (PCN) / Monitoring Report (MR), SQAC is able to certify that the emission reductions from the project - 228 MW Bundled Wind Projects in RJ, MP and Maharashtra, India (UCR ID – 423) for the period 01/01/2013 to 31/12/2022 amounts to **26,13,659 CoUs (26,13,659 tCO_2eq)**

Santosh Nair
Lead Verifier
(Signature)

SQAC Certification Pvt. Ltd. Mapusa-Goa

Praful Shinganapurkar
Senior Internal Reviewer
(Signature)

Date: 23/05/2024