


|  |  |                                     |
|--|--|-------------------------------------|
|  <div style="text-align: center;"> <b>Monitoring report form for CDM project activity</b><br/> <b>(Version 07.0)</b> </div> |  |                                     |
| <b>MONITORING REPORT</b>   |  |                                     |
| <b>Title of the project activity</b>   | Vaayu India Wind Power Project in Gujarat  |                                     |
| <b>UNFCCC reference number of the project activity</b>   | 4700   |                                     |
| <b>Version number of the PDD applicable to this monitoring report</b>  | 3  |                                     |
| <b>Version number of this monitoring report</b>  | 1.0  |                                     |
| <b>Completion date of this monitoring report</b>   | 15/05/2020   |                                     |
| <b>Monitoring period number</b>  | 07   |                                     |
| <b>Duration of this monitoring period</b>  | 01/04/2018 to 31/12/2019 including both start and end date of monitoring period.   |                                     |
| <b>Monitoring report number for this monitoring report</b>   | NA   |                                     |
| <b>Project participants</b>  | Vaayu (India) Power Corporation Private Limited, (India)<br>Numerco Limited, (United Kingdom)<br>ACT Financial Solutions B.V., (Netherlands)<br>First Climate Markets A.G. (Germany) |                                     |
| <b>Host Party</b>  | India  |                                     |
| <b>Applied methodologies and standardized baselines</b>  | "Consolidated baseline methodology for grid connected electricity generation from renewable sources" ACM0002 (Version 11, EB 52)   |                                     |
| <b>Sectoral scopes</b>   | Scope 1 - Energy industries (renewable/ non-renewable sources).  |                                     |
| <b>Amount of GHG emission reductions or net anthropogenic GHG removals achieved by the project activity in this monitoring period</b>  | Amount achieved before 1 January 2013  | Amount achieved from 1 January 2013 |
|  | 0  | 159,878 tCO <sub>2</sub> e          |
| <b>Amount of GHG emission reductions or net anthropogenic GHG removals estimated ex ante for this monitoring period in the PDD</b>   | 186,526 tCO <sub>2</sub> e   |                                     |

## SECTION A. Description of project activity

### A.1. General description of project activity

>>

The project activity includes development, design, engineering, procurement, finance, construction, operation and maintenance of Vaayu 51.2 MW wind power project ("Project") in the Indian state of Gujarat to provide reliable, renewable power to the Gujarat state electricity grid which is part of the NEWNE regional electricity grid. The Project leads to reduce greenhouse gas emissions because it displaces electricity from grid connected fossil fuel based electricity generation plants.

The Project involves 64 wind energy converters (WECs) of 800 kW E-53 with internal electrical lines connecting the Project with local evacuation facility.

The first WEC under the project activity was commissioned on 25 June 2010 and the last WEC under the project activity was commissioned on 4 July 2011. The expected operational lifetime of the project is for 20 years. The length of the Crediting period of the project activity as per registered PDD is 10 years (Fixed). The seventh monitoring period considered is from 01 April 2018 to 31 Dec 2019. The details of issuance of CERs for the previous monitoring periods are as follows:

| Monitoring Period No. | Monitoring Period         | CER Issued                |
|-----------------------|---------------------------|---------------------------|
| First Issuance        | 01 Jun 2011 - 29 Feb 2012 | 61,182                    |
| Second issuance       | 01 Mar 2012 - 31 Dec 2012 | 87,690                    |
| Third issuance        | 01 Jan 2013 - 31 Aug 2013 | 68,389                    |
| Fourth Issuance       | 01 Sep 2013 - 31 Dec 2014 | 109,896                   |
| Fifth Issuance        | 01 Jan 2015 - 31 Mar 2017 | 192,213                   |
| Sixth Issuance        | 01 Apr 2017 - 31 Mar 2018 | Awaiting issuance request |

The total emission reductions achieved during the current monitoring period is 159,878 tCO<sub>2</sub>.

### A.2. Location of project activity

>>

The project area extends between latitude 21° 55' and 22° 08' North and longitude 70° 05' and 70° 19' East.

The Project is connected to Sadodar substation at Jamnagar District in Gujarat. The Project is spread across villages Chattar, Narmana, Seth Wadala, Jam Ambardi, Mevasa, Dhun Dhoraji, Sadodar, Bodi, Padavala and Machharda in Jamnagar and Rajkot Districts of Gujarat state in India. The information in regard of the Wind Energy Generators i.e. WTG-ID No., location number & latitude & longitude are defined in the table as follows:

| Sr. No. | Location No. | WTG-ID No.         | Village   | Latitude       | Longitude      |
|---------|--------------|--------------------|-----------|----------------|----------------|
| 1       | 3020         | EIL/800/10-11/1826 | Machharda | N22° 06' 19.0" | E70° 18' 45.7" |
| 2       | 3021         | EIL/800/10-11/1827 | Machharda | N22° 06' 23.5" | E70° 18' 43.7" |
| 3       | 3022         | EIL/800/10-11/1828 | Machharda | N22° 06' 29.7" | E70° 18' 44.6" |
| 4       | 3072         | EIL/800/09-10/1738 | Padavala  | N21° 57' 19.6" | E70° 15' 05.0" |
| 5       | 3073         | EIL/800/09-10/1739 | Padavala  | N21° 57' 14.9" | E70° 15' 11.7" |
| 6       | 3075         | EIL/800/09-10/1740 | Padavala  | N21° 56' 43.1" | E70° 15' 20.6" |

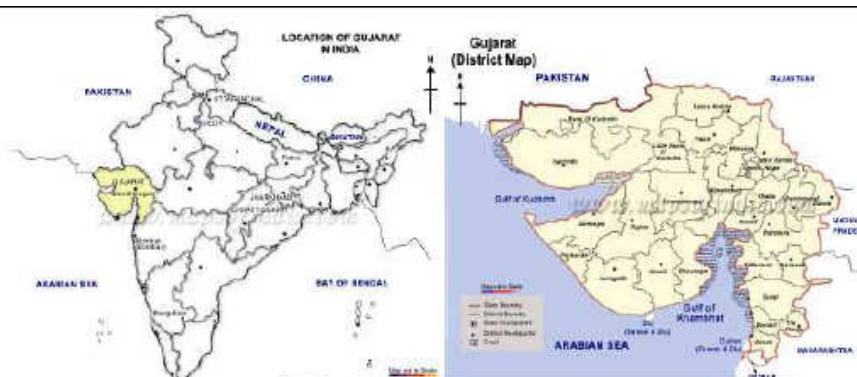
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|    |      |                    |                 |                            |                            |
|----|------|--------------------|-----------------|----------------------------|----------------------------|
| 7  | 3076 | EIL/800/09-10/1741 | Padavala        | N21 <sup>0</sup> 55' 59.2" | E70 <sup>0</sup> 15' 33.7" |
| 8  | 3088 | EIL/800/09-10/1742 | Padavala        | N21 <sup>0</sup> 56' 19.3" | E70 <sup>0</sup> 14' 38.0" |
| 9  | 62   | EIL/800/09-10/1766 | Chattar         | N22 <sup>0</sup> 07' 40.2" | E70 <sup>0</sup> 15' 10.7" |
| 10 | 63   | EIL/800/09-10/1767 | Chattar         | N22 <sup>0</sup> 07' 46.6" | E70 <sup>0</sup> 15'00.6"  |
| 11 | 64   | EIL/800/09-10/1768 | Chattar         | N22 <sup>0</sup> 07' 53.3" | E70 <sup>0</sup> 14' 57.1" |
| 12 | 539  | EIL/800/09-10/1789 | Seth Wadala     | N22 <sup>0</sup> 04' 46.7" | E70 <sup>0</sup> 05' 34.3" |
| 13 | 540  | EIL/800/09-10/1790 | Seth Wadala     | N22 <sup>0</sup> 04' 33.3" | E70 <sup>0</sup> 05' 43.1" |
| 14 | 541  | EIL/800/09-10/1791 | Seth Wadala     | N22 <sup>0</sup> 04' 27.4" | E70 <sup>0</sup> 05' 47.6" |
| 15 | 543  | EIL/800/09-10/1792 | Seth Wadala     | N22 <sup>0</sup> 04' 17.3" | E70 <sup>0</sup> 05' 53.7" |
| 16 | 544  | EIL/800/09-10/1793 | Seth Wadala     | N22 <sup>0</sup> 04' 13.5" | E70 <sup>0</sup> 06' 00.7" |
| 17 | 545  | EIL/800/09-10/1794 | Seth Wadala     | N22 <sup>0</sup> 03' 31.5" | E70 <sup>0</sup> 05' 32.6" |
| 18 | 546  | EIL/800/09-10/1795 | Jam Ambardi     | N22 <sup>0</sup> 03' 40.2" | E70 <sup>0</sup> 05' 31.0" |
| 19 | 547  | EIL/800/09-10/1796 | Jam Ambardi     | N22 <sup>0</sup> 03' 45.3" | E70 <sup>0</sup> 05' 31.9" |
| 20 | 548  | EIL/800/09-10/1797 | Jam Ambardi     | N22 <sup>0</sup> 03' 50.7" | E70 <sup>0</sup> 05' 34.2" |
| 21 | 903  | EIL/800/09-10/1747 | Mevasa/ Haripar | N22 <sup>0</sup> 01' 23.0" | E70 <sup>0</sup> 15' 35.2" |
| 22 | 904  | EIL/800/09-10/1748 | Mevasa/ Haripar | N22 <sup>0</sup> 01' 30.2" | E70 <sup>0</sup> 15' 41.0" |
| 23 | 905  | EIL/800/09-10/1749 | Mevasa/ Haripar | N22 <sup>0</sup> 01' 36.6" | E70 <sup>0</sup> 15' 27.2" |
| 24 | 906  | EIL/800/09-10/1750 | Mevasa/ Haripar | N22 <sup>0</sup> 01' 30.7" | E70 <sup>0</sup> 14' 55.0" |
| 25 | 907  | EIL/800/09-10/1751 | Mevasa/ Haripar | N22 <sup>0</sup> 01' 37.9" | E70 <sup>0</sup> 14' 56.8" |
| 26 | 908  | EIL/800/09-10/1752 | Mevasa/ Haripar | N22 <sup>0</sup> 01' 44.8" | E70 <sup>0</sup> 14' 54.1" |
| 27 | 909  | EIL/800/09-10/1753 | Mevasa/ Haripar | N22 <sup>0</sup> 01' 51.2" | E70 <sup>0</sup> 14' 51.2" |
| 28 | 910  | EIL/800/09-10/1754 | Mevasa/ Haripar | N22 <sup>0</sup> 01' 57.7" | E70 <sup>0</sup> 14' 55.7" |
| 29 | 912  | EIL/800/09-10/1746 | Dhun Dhoraji    | N22 <sup>0</sup> 02' 09.1" | E70 <sup>0</sup> 15' 04.4" |
| 30 | 926  | EIL/800/09-10/1769 | Chattar         | N22 <sup>0</sup> 06' 57.6" | E70 <sup>0</sup> 16' 33.0" |
| 31 | 927  | EIL/800/09-10/1770 | Chattar         | N22 <sup>0</sup> 06' 59.3" | E70 <sup>0</sup> 16' 23.3" |
| 32 | 928  | EIL/800/09-10/1771 | Chattar         | N22 <sup>0</sup> 07' 10.0" | E70 <sup>0</sup> 16' 16.5" |
| 33 | 929  | EIL/800/09-10/1772 | Chattar         | N22 <sup>0</sup> 07' 15.9" | E70 <sup>0</sup> 16' 11.3" |
| 34 | 931  | EIL/800/10-11/1870 | Chattar         | N22 <sup>0</sup> 07' 12.7" | E70 <sup>0</sup> 15' 23.5" |
| 35 | 932  | EIL/800/09-10/1773 | Chattar         | N22 <sup>0</sup> 07' 05.5" | E70 <sup>0</sup> 15' 27.2" |
| 36 | 933  | EIL/800/09-10/1774 | Chattar         | N22 <sup>0</sup> 06' 59.3" | E70 <sup>0</sup> 15' 31.5" |
| 37 | 934  | EIL/800/09-10/1775 | Chattar         | N22 <sup>0</sup> 06' 53.9" | E70 <sup>0</sup> 15' 27.9" |
| 38 | 935  | EIL/800/09-10/1776 | Chattar         | N22 <sup>0</sup> 06' 46.0" | E70 <sup>0</sup> 15' 22.7" |
| 39 | 936  | EIL/800/09-10/1777 | Chattar         | N22 <sup>0</sup> 06' 40.3" | E70 <sup>0</sup> 15' 25.7" |
| 40 | 937  | EIL/800/09-10/1778 | Chattar         | N22 <sup>0</sup> 06' 32.0" | E70 <sup>0</sup> 15' 23.4" |

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|    |      |                    |              |                            |                            |
|----|------|--------------------|--------------|----------------------------|----------------------------|
| 41 | 938  | EIL/800/09-10/1779 | Chattar      | N22 <sup>0</sup> 06' 25.7" | E70 <sup>0</sup> 15' 22.1" |
| 42 | 939  | EIL/800/09-10/1760 | Jamvadi      | N22 <sup>0</sup> 08' 19.5" | E70 <sup>0</sup> 19' 02.3" |
| 43 | 941  | EIL/800/09-10/1761 | Jamvadi      | N22 <sup>0</sup> 08' 07.2" | E70 <sup>0</sup> 18' 57.8" |
| 44 | 942  | EIL/800/09-10/1762 | Jamvadi      | N22 <sup>0</sup> 08' 08.6" | E70 <sup>0</sup> 19' 30.2" |
| 45 | 943  | EIL/800/09-10/1763 | Jamvadi      | N22 <sup>0</sup> 08' 00.9" | E70 <sup>0</sup> 19' 25.4" |
| 46 | 944  | EIL/800/09-10/1764 | Jamvadi      | N22 <sup>0</sup> 07' 53.9" | E70 <sup>0</sup> 19' 26.0" |
| 47 | 945  | EIL/800/09-10/1765 | Jamvadi      | N22 <sup>0</sup> 07' 49.5" | E70 <sup>0</sup> 19' 31.4" |
| 48 | 947  | EIL/800/09-10/1755 | Moti Vavdi   | N22 <sup>0</sup> 06' 04.0" | E70 <sup>0</sup> 18' 16.9" |
| 49 | 948  | EIL/800/09-10/1756 | Moti Vavdi   | N22 <sup>0</sup> 05' 57.0" | E70 <sup>0</sup> 18' 17.8" |
| 50 | 950  | EIL/800/09-10/1757 | Moti Vavdi   | N22 <sup>0</sup> 05' 45.7" | E70 <sup>0</sup> 18' 21.5" |
| 51 | 951  | EIL/800/09-10/1758 | Moti Vavdi   | N22 <sup>0</sup> 05' 38.3" | E70 <sup>0</sup> 18' 18.4" |
| 52 | 952  | EIL/800/09-10/1759 | Moti Vavdi   | N22 <sup>0</sup> 05' 31.6" | E70 <sup>0</sup> 18' 16.9" |
| 53 | 958  | EIL/800/09-10/1743 | Dhun Dhoraji | N22 <sup>0</sup> 02' 32.4" | E70 <sup>0</sup> 16' 42.8" |
| 54 | 959  | EIL/800/09-10/1744 | Dhun Dhoraji | N22 <sup>0</sup> 02' 26.2" | E70 <sup>0</sup> 16' 44.6" |
| 55 | 960  | EIL/800/09-10/1745 | Dhun Dhoraji | N22 <sup>0</sup> 02' 19.0" | E70 <sup>0</sup> 16' 44.4" |
| 56 | 992  | EIL/800/09-10/1782 | Sadodar      | N22 <sup>0</sup> 03' 13.6" | E70 <sup>0</sup> 10' 37.3" |
| 57 | 993  | EIL/800/09-10/1783 | Sadodar      | N22 <sup>0</sup> 03' 09.5" | E70 <sup>0</sup> 10' 40.0" |
| 58 | 994  | EIL/800/09-10/1784 | Sadodar      | N22 <sup>0</sup> 02' 59.6" | E70 <sup>0</sup> 10' 36.4" |
| 59 | 995  | EIL/800/09-10/1785 | Sadodar      | N22 <sup>0</sup> 02' 54.2" | E70 <sup>0</sup> 10' 33.5" |
| 60 | 996  | EIL/800/09-10/1786 | Sadodar      | N22 <sup>0</sup> 02' 47.4" | E70 <sup>0</sup> 10' 22.2" |
| 61 | 997  | EIL/800/09-10/1787 | Sadodar      | N22 <sup>0</sup> 02' 41.3" | E70 <sup>0</sup> 10' 32.4" |
| 62 | 1028 | EIL/800/09-10/1788 | Seth Wadala  | N22 <sup>0</sup> 03' 06.0" | E70 <sup>0</sup> 08' 36.9" |
| 63 | 1045 | EIL/800/09-10/1780 | Bodi         | N22 <sup>0</sup> 08' 43.4" | E70 <sup>0</sup> 15' 11.4" |
| 64 | 1046 | EIL/800/09-10/1781 | Bodi         | N22 <sup>0</sup> 08' 48.8" | E70 <sup>0</sup> 15' 08.5" |

The Location map of the project activity:



Maps not to scale

### A.3. Parties and project participants

| Parties involved        | Project participants   | Indicate if the Party involved wishes to be considered as project participant (Yes/No) |
|-------------------------|--|--|
| Party A: India          | Private entity : Vaayu (India) Power Corporation Private Limited | No   |
| Party B: United Kingdom | Private entity: Numerco Limited                                  | No   |
| Party C: Netherlands    | Private entity: ACT Financial Solutions B.V.                     | No   |
| Party D: Germany        | Private entity: First Climate Markets A.G.                       | No   |

### A.4. References to applied methodologies and standardized baselines

>>

Title: "Consolidated baseline methodology for grid-connected electricity generation from renewable sources"

Reference: Approved consolidated baseline methodology ACM0002 (Version 11, EB 52)

ACM0002 draws upon the following tools which have been used in the PDD:

- Tool to calculate the emission factor for an electricity system – Version 02
- Tool for the demonstration and assessment of additionality – Version 5.2

Further information with regards to the methodology/ tools can be obtained at  
<https://cdm.unfccc.int/methodologies/DB/VJI9AX539D9MLOPXN2AY9UR1N4IYGD>

#### A.5. Crediting period type and duration

>>

Type of crediting period : Fixed

Start date of crediting period : 01 June 2011

Length of crediting period : 10 years (fixed crediting period)

Duration of the crediting period: 01 June 2011 - 31 May 2021 (Fixed)

### SECTION B. Implementation of project activity

#### B.1. Description of implemented project activity

>>

The starting date of operation of the project activity is 21/05/2011. The commissioning date for all the WECs included in the project activity is given in the table below:

| Sr. No. | Location No. | WTG-ID No.         | Commissioning Date |
|---------|--------------|--------------------|--------------------|
| 1       | 3020         | EIL/800/10-11/1826 | 12/07/2010         |
| 2       | 3021         | EIL/800/10-11/1827 | 12/07/2010         |
| 3       | 3022         | EIL/800/10-11/1828 | 12/07/2010         |
| 4       | 3072         | EIL/800/09-10/1738 | 25/06/2010         |
| 5       | 3073         | EIL/800/09-10/1739 | 25/06/2010         |
| 6       | 3075         | EIL/800/09-10/1740 | 25/06/2010         |
| 7       | 3076         | EIL/800/09-10/1741 | 25/06/2010         |
| 8       | 3088         | EIL/800/09-10/1742 | 25/06/2010         |
| 9       | 62           | EIL/800/09-10/1766 | 27/06/2011         |
| 10      | 63           | EIL/800/09-10/1767 | 04/07/2011         |
| 11      | 64           | EIL/800/09-10/1768 | 04/07/2011         |
| 12      | 539          | EIL/800/09-10/1789 | 14/02/2011         |
| 13      | 540          | EIL/800/09-10/1790 | 14/02/2011         |
| 14      | 541          | EIL/800/09-10/1791 | 14/02/2011         |
| 15      | 543          | EIL/800/09-10/1792 | 18/02/2011         |
| 16      | 544          | EIL/800/09-10/1793 | 14/02/2011         |
| 17      | 545          | EIL/800/09-10/1794 | 18/02/2011         |
| 18      | 546          | EIL/800/09-10/1795 | 18/03/2011         |
| 19      | 547          | EIL/800/09-10/1796 | 18/02/2011         |
| 20      | 548          | EIL/800/09-10/1797 | 18/02/2011         |

|    |     |                    |            |
|----|-----|--------------------|------------|
| 21 | 903 | EIL/800/09-10/1747 | 04/05/2011 |
| 22 | 904 | EIL/800/09-10/1748 | 04/05/2011 |
| 23 | 905 | EIL/800/09-10/1749 | 04/05/2011 |
| 24 | 906 | EIL/800/09-10/1750 | 05/03/2011 |
| 25 | 907 | EIL/800/09-10/1751 | 05/03/2011 |
| 26 | 908 | EIL/800/09-10/1752 | 05/03/2011 |
| 27 | 909 | EIL/800/09-10/1753 | 05/03/2011 |
| 28 | 910 | EIL/800/09-10/1754 | 05/03/2011 |
| 29 | 912 | EIL/800/09-10/1746 | 14/02/2011 |
| 30 | 926 | EIL/800/09-10/1769 | 10/06/2011 |
| 31 | 927 | EIL/800/09-10/1770 | 10/06/2011 |
| 32 | 928 | EIL/800/09-10/1771 | 10/06/2011 |
| 33 | 929 | EIL/800/09-10/1772 | 10/06/2011 |
| 34 | 931 | EIL/800/10-11/1870 | 10/06/2011 |
| 35 | 932 | EIL/800/09-10/1773 | 10/06/2011 |
| 36 | 933 | EIL/800/09-10/1774 | 10/06/2011 |
| 37 | 934 | EIL/800/09-10/1775 | 10/06/2011 |
| 38 | 935 | EIL/800/09-10/1776 | 10/06/2011 |
| 39 | 936 | EIL/800/09-10/1777 | 27/06/2011 |
| 40 | 937 | EIL/800/09-10/1778 | 27/06/2011 |
| 41 | 938 | EIL/800/09-10/1779 | 27/06/2011 |
| 42 | 939 | EIL/800/09-10/1760 | 24/05/2011 |
| 43 | 941 | EIL/800/09-10/1761 | 24/05/2011 |
| 44 | 942 | EIL/800/09-10/1762 | 24/05/2011 |
| 45 | 943 | EIL/800/09-10/1763 | 24/05/2011 |
| 46 | 944 | EIL/800/09-10/1764 | 24/05/2011 |
| 47 | 945 | EIL/800/09-10/1765 | 24/05/2011 |
| 48 | 947 | EIL/800/09-10/1755 | 06/05/2011 |
| 49 | 948 | EIL/800/09-10/1756 | 06/05/2011 |
| 50 | 950 | EIL/800/09-10/1757 | 06/05/2011 |
| 51 | 951 | EIL/800/09-10/1758 | 06/05/2011 |
| 52 | 952 | EIL/800/09-10/1759 | 06/05/2011 |
| 53 | 958 | EIL/800/09-10/1743 | 04/05/2011 |
| 54 | 959 | EIL/800/09-10/1744 | 04/05/2011 |

|    |      |                    |            |
|----|------|--------------------|------------|
| 55 | 960  | EIL/800/09-10/1745 | 04/05/2011 |
| 56 | 992  | EIL/800/09-10/1782 | 18/03/2011 |
| 57 | 993  | EIL/800/09-10/1783 | 18/03/2011 |
| 58 | 994  | EIL/800/09-10/1784 | 18/03/2011 |
| 59 | 995  | EIL/800/09-10/1785 | 18/03/2011 |
| 60 | 996  | EIL/800/09-10/1786 | 18/03/2011 |
| 61 | 997  | EIL/800/09-10/1787 | 18/03/2011 |
| 62 | 1028 | EIL/800/09-10/1788 | 04/05/2011 |
| 63 | 1045 | EIL/800/09-10/1780 | 04/07/2011 |
| 64 | 1046 | EIL/800/09-10/1781 | 04/07/2011 |

The project activity involves 64 numbers wind energy converters (WECs) of 800 kW, E-53 with internal electrical lines connecting the project activity with local evacuation facility. The WECs generate 3-phase power at 400V, which is stepped up to 33 kV. The E-53 WECs can operate in the frequency range of 46–54 Hz. As per the specification of WEC the output voltage of WEC is 400V as specified by manufacture. The average life time of the WEC is around 20 years as per the equipment supplier specifications. The technology employed is environmentally safe and sound since project activity doesn't uses fossil fuel for electricity generation though project activity uses wind as source of energy and there is no project emission or leakage into the environment. Wind World (India) Limited wind turbines are equipped with state-of-the-art microelectronic control technology produced in-house at our Daman plant. The other salient features of the state-of-art technology are mentioned below:

#### **E-53 Specifications**

| Parameter          | Value   |
|--------------------|---|
| Turbine model      | E- 53   |
| Rated power        | 800 kW  |
| Rotor diameter     | 53 m  |
| Hub height         | 75 m  |
| Turbine Type       | Gearless horizontal axis wind turbine with variable rotor speed |
| Power regulation   | Independent electromechanical pitch system for each blade       |
| Cut in wind speed  | 2.5 m/s   |
| Rated wind speed   | 12 m/s  |
| Cut out Wind speed | 28-34 m/s   |
| Extreme Wind Speed | 59.5 m/s  |

|                            |  |
|----------------------------|--|
| Rated rotational speed     | 32 rpm   |
| Operating range rot. speed | 12-29 rpm  |
| Orientation                | Upwind   |
| No of Blades               | 3  |
| Blade Material             | Fibre Glass Epoxy reinforced with integral lightning protection                |
| Gear box type              | Gear less  |
| Generator type             | Synchronous generator  |
| Braking                    | Aerodynamic  |
| Output Voltage             | 400 V  |
| Yaw System                 | Active yawing with 4 electric yaw drives with brake motor and friction bearing |
| Tower                      | 74 m concrete  |

Wind World (India) Limited is responsible for operation and maintenance activities for this project. Wind World (India) Limited operation and maintenance activities are ISO 9001:2008 certified and all the events are recorded in the log book available at the project site. Referring to the data available it can be inferred that there have not been any major special events for any of the WECs that are included in the project activity. As a part of regular maintenance the WECs are stopped for mechanical, electrical, grease and visual maintenance. Detailed maintenance procedures of the WECs are mentioned below:

#### **Description of maintenance intervals:**

There is a pre-defined maintenance schedule for annual maintenance for all the WECs at project site. There are four types of maintenance activity have been executed for all the WECs. During maintenance, WEC needs to stop for defined time period which are as follows:

- 1) Visual maintenance : Average 3 to 4 hr stoppage of WEC
- 2) Grease maintenance : Average 3 to 4 hr stoppage of WEC
- 3) Electrical maintenance : Average 16 to 20 hr stoppage of
- 4) Mechanical maintenance : Average 16 to 20 hr stop of WEC

Other than the above mentioned maintenance activity, WEC were generating electricity continuously without any technical fault. Hence no break down has been noted during the monitoring period.

## **B.2. Post-registration changes**

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

>>  
Not applicable

**B.2.2. Corrections**

&gt;&gt;

Not Applicable

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

&gt;&gt;

There are no changes to the start date of the crediting period.

**B.2.4. Inclusion of monitoring plan**

&gt;&gt;

Not applicable

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

&gt;&gt;

During the second monitoring period, PP has incorporated following changes in the PDD from the registered PDD. These changes were approved by UNFCCC on 1 Aug 2013 (Reference: PRC- 4700 -001).

1. Change in coordinates for 3 WECs
2. Change in monitoring and organization structure
3. Change in calibration frequency from 1 year to 3 years.

**B.2.6. Changes to project design**

&gt;&gt;

Not applicable

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

&gt;&gt;

Not applicable

**SECTION C. Description of monitoring system**

&gt;&gt;

Approved monitoring methodology ACM0002 Version 11 Sectoral Scope: 1, "Consolidated baseline methodology for grid-connected electricity generation from renewable sources", by CDM - Meth Panel is proposed to be used to monitor the emission reductions.

Wind World (India) Limited is the O&M contractor for the project activity. Wind World (India) Limited will be responsible for maintaining all the monitoring data on behalf of VIPCPL in respect of the project activity. Wind World (India) Limited has implemented the management structure for managing the monitored data.

The approved monitoring methodology requires monitoring of the following:

- Electricity generation from the project activity; and
- Operating margin emission factor and build margin emission factor of the grid, where *ex post* determination of grid emission factor has been chosen

Since the baseline methodology is based on *ex ante* determination of the baseline, the monitoring of operating margin emission factor and build margin emission factor is not required. Further, wind based electricity generation is not associated with any kind of leakages.

The project activity has seventeen clusters and each cluster has exclusive metering arrangement and the meter readings taken at these metering points have been provided by the

representatives of Wind World (India) Limited to GEDA. Line diagram showing the relevant monitoring points is provided at end of this section.

Wind World (India) Limited substation at Sadodar has four main meter(s) also known as revenue meter which is connected to wind turbines installed by the project proponent and wind turbines installed by other project owners. Gujarat Electricity Development Authority (GEDA) apportion the net electricity supplied to the grid at the Wind World (India) Limited substation to all the project owners after adjusting transmission loss to the meter readings taken at dedicated cluster meters of different project owners. The meter reading is being taken jointly by the representatives of Wind World (India) Limited and GEDA/GETCO in the form of JMR. The electricity from Wind World (India) Limited's substation has been finally supplied to the utility's substation at Moti Paneli. The net electricity generated by the project owners is being provided by GETCO in the share certificate of electricity generated. The value of the net electricity generated by the project activity has been taken directly by the project proponent from the share certificate provided by GETCO for calculation of emission reductions.

The allocation plan for the project activity is given below:-

EG GETCO, Export = Electricity exported, as recorded by the main meter at Wind World (India) Limited substation

EGGETCO, Import = Electricity imported, as recorded by the main meter at Wind World (India) Limited substation

EGCluster, Export = Electricity exported by the project activity, as measured at Cluster Meter

EGCluster, Import = Electricity imported by the project activity, as measured at Cluster Meter

EGCluster, WF, Export = Electricity exported by all the project owners connected to Wind World (India) Limited substation, as measured at Cluster Meter

EGCluster, WF, Import = Electricity imported by all the project owners connected to Wind World (India) Limited substation, as measured at Cluster Meter

$EG_{PJ,export,y}$  = Electricity exported by the project activity to the grid, calculated

$EG_{PJ,import,y}$  = Electricity imported from the project activity to the grid, calculated

$EG_{PJ,y}$  = Net Electricity exported by the project activity to the grid, calculated

#### **Electricity Exported to the Grid by the project activity**

$EG_{PJ,export,y} = EG_{GETCO, Export} \times EG_{Cluster, Export} / EG_{Cluster, WF, Export}$

#### **Electricity Imported from the Grid by the project activity**

$EG_{PJ,import,y} = EG_{GETCO, Import} \times EG_{Cluster, Import} / EG_{Cluster, WF, Import}$

#### **Net Electricity Exported to the grid by the project activity**

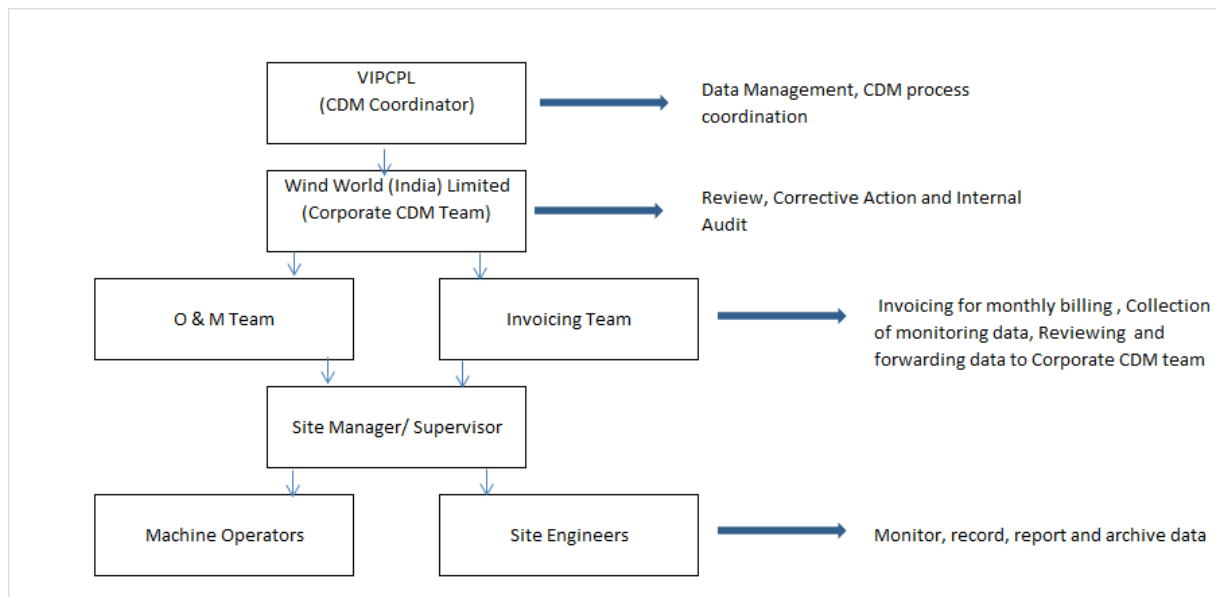
$EG_{PJ,y} = EG_{PJ,export,y} - EG_{PJ,import,y}$

The apportioning procedure for the project activity is done by GEDA (Gujarat Energy Development Agency) based on the meters that are connected to the cluster meter of various project owners

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connected to substation of Wind World (India) Limited based on meter reading noted at Wind World (India) Limited substation connecting all the machines of the project activity and other project developers. The meter reading at cluster meter and the Wind World (India) Limited substation is directly monitored and hence the apportioning of the electricity is based on the meter reading that are directly measured.

The operational and management structure implemented for data monitoring is as follows:



The reading is monitored continuously by the online monitoring station (online monitoring station is located at the project site where all the data [historical and instantaneous] from the LCS or panel meters of all WECs is retrieved) at the project site. In case of data loss, the data can be archived from this online monitoring system.

### Training imparted to the Personnel

Training on the machine is an essential pre-requisite, to ensure necessary safety of man and machine. Further, in order to maximize the output from the Wind Energy Converters (WECs), it is extremely essential, that the engineers and technicians understand the machines and keep them in good health. In order to ensure, that Wind World (India) Limited's service staffs is deft at handling technical snags on top of the turbine, the necessity of ensuring that they are capable of climbing the tower with absolute ease and comfort has been established. The Wind World (India) Limited Training Academy provides need-based training to meet the training requirements of Wind World (India) Limited projects. The training is contemporary, which results in imparting focused knowledge leading to value addition to the attitude and skills of all trainees. This ultimately leads to creativity in problem solving.

### Calibration Details

The metering equipment were inspected & calibrated by state utility. Meter details for the main meters/GETCO meters are as follows:-

| Name of WWIL Substation | (Main Meter/GETCO Meter) Meter Serial No | Type/ Make | Accuracy Class | Frequency of Calibration | Calibration          |            |
|-------------------------|--|------------|----------------|--------------------------|----------------------|------------|
|                         |  |            |                |                          | Previous Calibration | Validity   |
| Sadodar S/s             | GJB01470                                 | Secure     | 0.2s           | Once in a three year     | 15/09/2019           | 14/09/2020 |
|                         | GJU04175                                 | Secure     | 0.2s           | Once in a three year     | 15/09/2019           | 14/09/2020 |
|                         | GJU04176                                 | Secure     | 0.2s           | Once in a three year     | 15/09/2019           | 14/09/2020 |
|                         | KAB11082                                 | Secure     | 0.2s           | Once in a three year     | 15/09/2019           | 14/09/2020 |

**Meter Details of Cluster Meters:**

| Meter Serial No | Make   | Accuracy Class | Calibration Dates During meter installation | Calibration Dates Latest | Validity*  |
|-----------------|--------|----------------|---|--------------------------|------------|
| 10059208        | L&T    | 0.2s           | 24/08/2010                                  | 25/09/2013               | 24/09/2016 |
| 10059203        | L&T    | 0.2s           | 24/08/2010                                  | 25/09/2013               | 24/09/2016 |
| GJU60947        | Secure | 0.2s           | 03/09/2010                                  | 25/09/2013               | 24/09/2016 |
| GJU61707        | Secure | 0.2s           | 29/01/2011                                  | 25/09/2013               | 24/09/2016 |
| GJU61698        | Secure | 0.2s           | 29/01/2011                                  | 25/09/2013               | 24/09/2016 |
| GJU61321        | Secure | 0.2s           | 05/02/2011                                  | 25/09/2013               | 24/09/2016 |
| GJU61313        | Secure | 0.2s           | 18/12/2010                                  | 25/09/2013               | 24/09/2016 |
| GJU61690        | Secure | 0.2s           | 29/01/2011                                  | 25/09/2013               | 24/09/2016 |
| GJU61699        | Secure | 0.2s           | 29/01/2011                                  | 25/09/2013               | 24/09/2016 |
| GJU61322        | Secure | 0.2s           | 09/12/2010                                  | 26/09/2013               | 25/09/2016 |
| GJU61696        | Secure | 0.2s           | 29/01/2011                                  | 26/09/2013               | 25/09/2016 |
| GJU61310        | Secure | 0.2s           | 18/12/2010                                  | 26/09/2013               | 25/09/2016 |
| GJU61701        | Secure | 0.2s           | 29/01/2011                                  | 26/09/2013               | 25/09/2016 |
| GJU61693        | Secure | 0.2s           | 29/01/2011                                  | 26/09/2013               | 25/09/2016 |
| GJU61692        | Secure | 0.2s           | 29/01/2011                                  | 25/09/2013               | 25/09/2016 |
| GJU61691        | Secure | 0.2s           | 29/01/2011                                  | 26/09/2013               | 25/09/2016 |
| GJU60943        | Secure | 0.2s           | 03/09/2010                                  | 26/09/2013               | 25/09/2016 |

\* The calibration of cluster meters were delayed and not conducted in line with the frequency as mentioned in the registered PDD. Since, Calibration of cluster meter is not under the purview of PP, PP has intimated GEDA about calibration of Cluster Meter, but the same has not been calibrated yet. PP has no control over delay in Calibration. Hence, PP has applied max error on net electricity generation values during the current monitoring period. Moreover, The CEA Notification No. 502/70/CEA/DP&D dated 17/03/2006, which is considered as national standard mentions that "All interface meters shall be tested at least once in five years."

As per the PPA and the guideline by GETCO, the calibration frequency of the meters which under the jurisdiction of GEDA/GETCO is once in three years.

The error factor has been applied in net export values of GETCO Share certificates for entire monitoring period as cluster meter were not calibrated as per the calibration frequency. As per VVS requirement: error factor of "0.2%" should be applicable for both export & import i.e. the measured values. However, GEDA share certificate provides only net electricity generation, the separate export and import values are not available. Hence being conservative and to account for the error for both export & import, a cumulative error of "-0.4%" on net electricity generation has been applied for entire monitoring period.

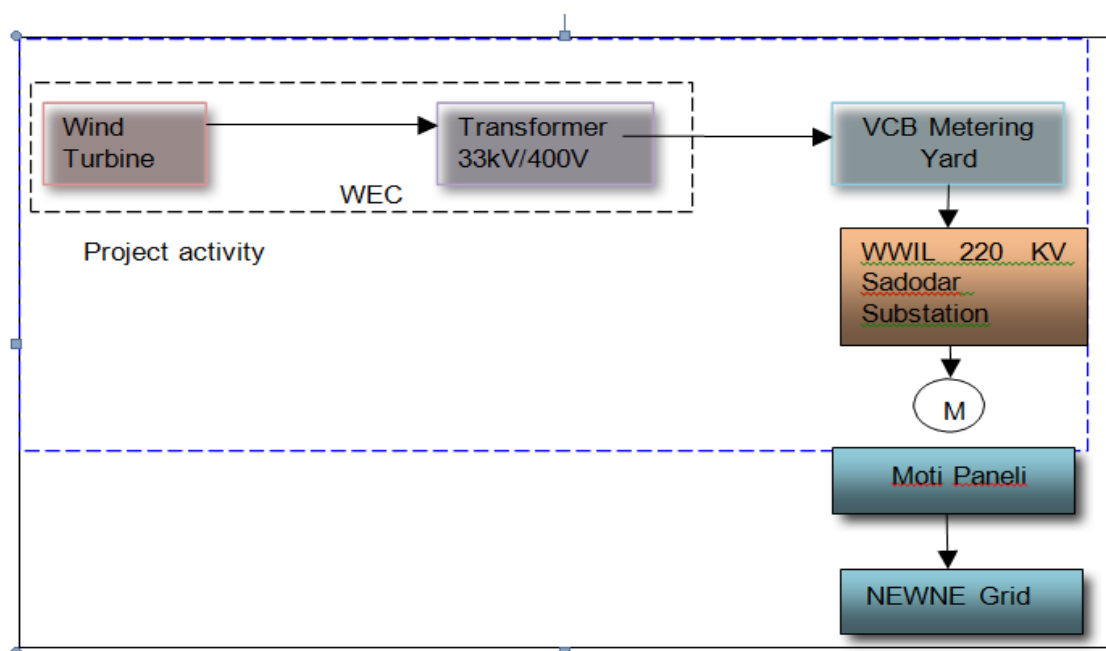
The Calibration of meter is not under the purview of PP, the same is done by GEDA. PP has intimated GEDA about calibration of Cluster Meter, but the same has not been calibrated yet. PP has no control over delay in Calibration.

### **Emergency procedure:**

If during meter testing the main meter at the Wind World (India) Limited substation is found beyond the permissible limit of error, the meter reading will be taken from the meter located at the utility substation at Moti Panelli after addition of average historical transmission losses.

If during meter testing the cluster meter is found beyond the permissible limit of error, the meter will be replaced by new meter.

The line diagram showing all relevant monitoring points is provided below:



M = Electricity export and import meter

## **SECTION D. Data and parameters**

### **D.1. Data and parameters fixed ex ante**

|                        |                        |
|------------------------|------------------------|
| <b>Data/parameter:</b> | $EF_{grid,OM,y}$       |
| <b>Unit</b>            | tCO <sub>2</sub> e/MWh |

|  |   |
|--|---|
| Description  | Operating Margin Emission Factor of NEWNE Regional Electricity Grid   |
| Source of data                                       | The "CO <sub>2</sub> Baseline Database for Indian Power Sector" is available at <a href="http://www.cea.nic.in/reports/planning/cdm_co2/cdm_co2.htm">http://www.cea.nic.in/reports/planning/cdm_co2/cdm_co2.htm</a> |
| Value(s) applied                                     | 1.00498   |
| Choice of data or measurement methods and procedures | "CO <sub>2</sub> Baseline Database for Indian Power Sector", version 5 published by the Central Electricity Authority, Ministry of Power, Government of India.  |
| Purpose of data /parameter                           | This data is used for baseline emission calculation.  |
| Additional comments                                  | The value is calculated on ex-ante basis and it will remain same throughout the crediting period.   |

|  |   |
|--|---|
| <b>Data/parameter:</b>                               | <b><math>EF_{grid,BM,y}</math></b>  |
| Unit   | tCO <sub>2</sub> e/MWh  |
| Description  | Build Margin Emission Factor of NEWNE Regional Electricity Grid   |
| Source of data                                       | The "CO <sub>2</sub> Baseline Database for Indian Power Sector" is available at <a href="http://www.cea.nic.in/reports/planning/cdm_co2/cdm_co2.htm">http://www.cea.nic.in/reports/planning/cdm_co2/cdm_co2.htm</a> |
| Value(s) applied                                     | 0.67518   |
| Choice of data or measurement methods and procedures | "CO <sub>2</sub> Baseline Database for Indian Power Sector", version 5 published by the Central Electricity Authority, Ministry of Power, Government of India.  |
| Purpose of data/parameter                            | This data is used for baseline emission calculation.  |
| Additional comments                                  | The value is calculated on ex-ante basis and it will remain same throughout the crediting period.   |

|  |   |
|--|---|
| <b>Data/parameter:</b>                               | <b><math>EF_{grid,CM,y}</math></b>  |
| Unit   | tCO <sub>2</sub> e/MWh  |
| Description  | Combined Margin Emission Factor of NEWNE Regional Electricity Grid  |
| Source of data                                       | The "CO <sub>2</sub> Baseline Database for Indian Power Sector" is available at <a href="http://www.cea.nic.in/reports/planning/cdm_co2/cdm_co2.htm">http://www.cea.nic.in/reports/planning/cdm_co2/cdm_co2.htm</a> |
| Value(s) applied                                     | 0.92252   |
| Choice of data or measurement methods and procedures | "CO <sub>2</sub> Baseline Database for Indian Power Sector", version 5 published by the Central Electricity Authority, Ministry of Power, Government of India.  |
| Purpose of data/parameter                            | This data is used for baseline emission calculation.  |
| Additional comments                                  | The value is calculated on ex-ante basis and it will remain same throughout the crediting period.   |

## D.2. Data and parameters monitored

|                       |  |
|-----------------------|--|
| <b>Data/parameter</b> | <b><math>EG_{PJ,y}</math></b>                    |
| Unit                  | MWh  |
| Description           | Net Quantity of Electricity exported to the grid |

|                                       |  |
|---------------------------------------|--|
| Measured/calculated/default           | The net electricity supplied to the grid by the wind farm is calculated by GEDA on the basis of GETCO main meter reading and the meter readings taken at individual cluster meters after adjusting transmission loss.  |
| Source of data                        | Share certificate issued by GETCO  |
| Value(s) of monitored parameter       | 167,434.544 MWh  |
| Monitoring equipment                  | Calculated as per formulas described under section C.  |
| Measuring/reading/recording frequency | Monthly  |
| Calculation method (if applicable)    | <p>The procedures for metering have been as per the provisions of the power purchase agreement. The WECs of a single customer (VIPCPL in this case) has been divided into clusters and each cluster has dedicated metering system. Different clusters are connected to different Vacuum Circuit Breaker metering yards (VCB) which ultimately lead to the shared main GETCO meter (also known as revenue meter) at the Sadodar substation maintained by Wind World (India) Limited. Data monitoring takes place at the cluster metering points and GETCO main meter at the WWIL substation.</p> <p>The net electricity supplied to the grid by the wind farm has been calculated by GEDA on the basis of GETCO main meter reading and the meter readings taken at individual cluster meters after adjusting transmission loss. For adjustment of transmission loss, the electricity metered at the GETCO meter has been proportionally divided by GEDA among the customers connected to the revenue meter on the basis of the pro rata readings taken at the cluster meters metering point. The net electricity generated by the project activity has been taken directly from the share certificate issued by GETCO on monthly basis.</p> |
| QA/QC procedures                      | Refer section C for an illustration of the provisions for QA/QC procedures.  |
| Purpose of data/parameter             | This data is directly used for baseline estimation   |
| Additional comments                   | The data will be archived for the entire crediting period plus two years.  |

|                                       |  |
|---------------------------------------|--|
| <b>Data/parameter</b>                 | EG <sub>GETCO, Export</sub> <sup>1</sup>                                 |
| Unit                                  | kWh  |
| Description                           | Net Electricity export recorded at Wind World (India) Limited Substation |
| Measured/calculated/default           | Measured at Main Meter   |
| Source of data                        | Joint Meter Reading (JMR)  |
| Value(s) of monitored parameter       | 1,321,820,156 kWh  |
| Monitoring equipment                  | Please refer section C under heading calibration details of the MR       |
| Measuring/reading/recording frequency | Monthly  |

<sup>1</sup> This reading is used for calculation of transmission loss by GEDA and is not directly used for calculation of emission reductions.

|                                    |  |
|------------------------------------|--|
| Calculation method (if applicable) | Monitoring: Electricity export to the grid is recorded by the main meter at Wind World (India) Limited Substation.<br><br>Frequency of recording data: Monthly<br><br>Recording: The values of electricity exports to the grid are sourced from JMR.<br><br>Responsibility: Joint responsibility of Wind World (India) Limited and state utility |
| QA/QC procedures                   | Refer section C for an illustration of the provisions for QA/QC procedures.  |
| Purpose of data /parameter         | Baseline Emissions   |
| Additional comments:               | The data will be archived for the entire crediting period plus two years.  |

|                                       |   |
|---------------------------------------|---|
| <b>Data/parameter</b>                 | $EG_{GETCO, Import_t}^2$  |
| Unit                                  | kWh   |
| Description                           | Net Electricity import recorded at Wind World (India) Limited Substation  |
| Measured/calculated/default           | Measured at Main Meter  |
| Source of data                        | Joint Meter Reading (JMR)   |
| Value(s) of monitored parameter       | 19,119,000 kWh  |
| Monitoring equipment                  | Please refer section C under heading calibration details of the MR  |
| Measuring/reading/recording frequency | Monthly   |
| Calculation method (if applicable)    | Monitoring: Electricity import to the grid is recorded by the main meter at Wind World (India) Limited Substation. Refer section C & D.2 for an illustration of the provisions for QA/QC procedures.<br><br>Frequency of recording data: Monthly<br><br>Recording: The values of electricity exports to the grid are sourced from JMR.<br><br>Responsibility: Joint responsibility of Wind World (India) Limited and state utility. |
| QA/QC procedures                      | Refer section C for an illustration of the provisions for QA/QC procedures.   |
| Purpose of data                       | Baseline Emissions  |
| Additional comments                   | The data will be archived for the entire crediting period plus two years.   |

### D.3. Implementation of sampling plan

>>

Not Applicable

<sup>2</sup> This reading is used for calculation of transmission loss by GEDA and is not directly used for calculation of emission reductions.

## SECTION E. Calculation of emission reductions or net anthropogenic removals

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

>>

According to the approved methodology ACM0002 (Version 11) Emission Reductions are calculated as:-

$$ER_y = BE_y - PE_y$$

Where:

**BE<sub>y</sub>** Baseline Emissions in year *y* (t CO<sub>2</sub>e/yr)

**PE<sub>y</sub>** Project Emissions in year *y* (t CO<sub>2</sub>e/yr)

#### Baseline emissions:

Baseline emission factor (Combined Margin) (EF<sub>y</sub>)

$$= 0.92252 \text{ tCO}_2\text{e/MWh}$$

$$\text{Baseline Emissions Reduction: } ER_y = EF_{\text{grid,CM},y} * EG_{PJ,y}$$

Where,

ER<sub>y</sub> is baseline emissions in year *y*, tCO<sub>2</sub>e

EG<sub>PJ,y</sub> is the net electricity supplied to the grid in year *y* and is applied directly from GEDA sharing certified by state utility. This value can also be cross-checked from the invoice.

EF<sub>y</sub> or EF<sub>grid,CM,y</sub> is the CO<sub>2</sub> emission factor of the grid (0.92252 tCO<sub>2</sub>e/MWh fixed ex-ante)

$$ER_y = EF_{\text{grid,CM},y} * EG_{PJ,y} = 0.92252 * 173,306.545 = 159,878 \text{ tCO}_2\text{e}$$

#### Baseline Emission Reductions calculation for project activity:-

| Duration                 | Net electricity generation supplied to the grid by the Project activity [MWh] | Baseline Emission Factor (tCO <sub>2</sub> e/MWh) | Baseline Emissions (tCO <sub>2</sub> e)                      |
|--------------------------|---|---|--|
|                          | [EG <sub>y</sub> ]  | [EF <sub>y</sub> ]                                | [BE <sub>y</sub> ] = [EG <sub>y</sub> ] * [EF <sub>y</sub> ] |
| 01/04/2018 to 31/12/2019 | 173,306.545   | 0.92252   | 159,878  |
| <b>Total</b>             | <b>173,306.545</b>  | <b>0.92252</b>                                    | <b>159,878</b>   |

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

>>

Since the project activity is a renewable energy project which generates electricity using wind power and hence does not result in project emissions.

**E.3. Calculation of leakage emissions**

&gt;&gt;

No leakage is considered from the project activity as per approved methodology ACM0002.

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

|              | Baseline GHG emissions or baseline net GHG removals (t CO <sub>2</sub> e) | Project GHG emissions or actual net GHG removals (t CO <sub>2</sub> e) | Leakage GHG emissions (t CO <sub>2</sub> e) | GHG emission reductions or net anthropogenic GHG removals (t CO <sub>2</sub> e) |                 |              |
|--------------|---|--|---|---|-----------------|--------------|
|              |   |  |   | Before 01/01/2013   | From 01/01/2013 | Total amount |
| <b>Total</b> | 159,878   | 0  | 0   | 0   | 159,878         | 159,878      |

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

| Amount achieved during this monitoring period (t CO <sub>2</sub> e) | Amount estimated ex ante for this monitoring period in the PDD (t CO <sub>2</sub> e) |
|---|--|
| 159,878   | 186,526  |

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

&gt;&gt;

As per CDM registered PDD, 106,378 tCO<sub>2</sub>e is the amount of CERs generated annually. Therefore, following unitary method, the amount of estimated ex ante for this monitoring period is identified. The total number of days in this monitoring period is 640 =  $(106,378/365) \times 640 = 186,526$  tCO<sub>2</sub>e

**E.6. Remarks on increase in achieved emission reductions**

&gt;&gt;

The emission reductions for the current monitoring period is 14.29 % lower than the estimated value in the registered PDD for the same monitoring period. This is primarily due to seasonal nature of wind power projects in India.

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

&gt;&gt;

Not applicable

- - - - -

### Document information

| <i>Version</i> | <i>Date</i>     | <i>Description</i>  |
|----------------|-----------------|---|
| 07.0           | 31 May 2019     | Revision to: <ul style="list-style-type: none"> <li>• Ensure consistency with version 02.0 of the “CDM project standard for project activities” (CDM-EB93-A04-STAN);</li> <li>• Add a section on remarks on the observance of the scale limit of small-scale project activity during the crediting period;</li> <li>• Add "changes specific to afforestation or reforestation project activity" as a possible post-registration changes;</li> <li>• Clarify the reporting of net anthropogenic GHG removals for A/R project activities between two commitment periods;</li> <li>• Make editorial improvements.</li> </ul> |
| 06.0           | 7 June 2017     | Revision to: <ul style="list-style-type: none"> <li>• Ensure consistency with version 01.0 of the “CDM project standard for project activities” (CDM-EB93-A04-STAN);</li> <li>• Make editorial improvements.</li> </ul>   |
| 05.1           | 4 May 2015      | Editorial revision to correct version numbering.  |
| 05.0           | 1 April 2015    | Revisions to: <ul style="list-style-type: none"> <li>• Include provisions related to delayed submission of a monitoring plan;</li> <li>• Provisions related to the Host Party;</li> <li>• Remove reference to programme of activities;</li> <li>• Overall editorial improvement.</li> </ul>   |
| 04.0           | 25 June 2014    | Revisions to: <ul style="list-style-type: none"> <li>• Include the Attachment: Instructions for filling out the monitoring report form (these instructions supersede the "Guideline: Completing the monitoring report form" (Version 04.0));</li> <li>• Include provisions related to standardized baselines;</li> <li>• Add contact information on a responsible person(s)/ entity(ies) for completing the CDM-MR-FORM in A.6 and Appendix 1;</li> <li>• Change the reference number from <i>F-CDM-MR</i> to <i>CDM-MR-FORM</i>;</li> <li>• Editorial improvement.</li> </ul>  |
| 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 GHG removals by sinks for the period up to 31 December 2012 and the period from 1 January 2013 onwards (EB 70, Annex 11).   |

| <i>Version</i>  | <i>Date</i>   | <i>Description</i>   |
|---|---------------|--|
| 02.0  | 13 March 2012 | Revision required to ensure consistency with the "Guidelines for completing the monitoring report form" (EB 66, Annex 20). |
| 01.0  | 28 May 2010   | EB 54, Annex 34. Initial adoption.   |
| Decision Class: Regulatory<br>Document Type: Form<br>Business Function: Issuance<br>Keywords: monitoring report |               |  |