



BUNDLED WIND POWER PROJECT BY MYTRAH GROUP



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Project ID	1728 ¹
Monitoring period	01-July-2023 to 31-March-2024 (inclusive of both start and end dates)
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¹ <https://registry.terra.org/app/projectDetail/VCS/1728>

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1 PROJECT DETAILS

1.1 Summary Description of the Implementation Status of the Project

The purpose of the project activity is to generate electrical energy using renewable energy source (wind) and selling the generated electrical energy to the respective state utility. The generated electricity is exported to the regional grid system which is under the purview of the Indian grid of India. The Project activity is a new facility (Greenfield) and the purpose of the project activity is to generate electricity by the utilization of wind velocity, and selling the generated electrical energy from the project to the respective state utilities under the Indian Grid. The total capacity of the project activity is 493.9 MW. The details of project bundle are given below –

S No.	Project site	Location (state)	Name of SPVs	Project capacity (MW)	Number of WTGs	Date of commissioning
1	Bhesada	Rajasthan	Mytrah Vayu (Indravati) Pvt. Ltd.	8.4	4	30-December-2015
2	Pottipadu	Andhra Pradesh	Mytrah Vayu (Indravati) Pvt. Ltd.	105	50	31-December-2015
3	Nidhi	Rajasthan	Mytrah Vayu (Som) Pvt. Ltd.	90	53	31-March-2016
4	Nipaniya	Madhya Pradesh	Mytrah Vayu (Som) Pvt. Ltd.	30	15	20-January-2016
5	Nazeerabad	Telangana	Mytrah Vayu (Godavari) Pvt. Ltd.	100.8	48	27-March-2016
6	Burgula – II	Andhra Pradesh	Mytrah Vayu (Krishna) Pvt. Ltd.	10.8	6	30-March-2017
7	Aspari – I	Andhra Pradesh	Mytrah Vayu (Tungabhadra) Pvt. Ltd.	98.3	55	15-October-2016
8	Aspari - II	Andhra Pradesh	Mytrah Vayu (Tungabhadra) Pvt. Ltd.	50.6	22	16-March-2017
Total				493.9	253	

All the project sites are operational during current monitoring period which can be confirmed from regularly issued JMR/B-Form/credit noted.

In the Pre- project scenario the equivalent amount of electricity, either fetched (under captive cases) or delivered to the grid by the project activity, would have otherwise been generated by the operation of grid-connected fossil fuel-based power plants and by the addition of new generation sources.

The power produced displaces an equivalent amount of power from the grid, which is fed mainly by fossil fuel fired power plants. Hence, it results in reduction of GHG emissions. Yearly GHG emission reductions from the project activity will be 921,296 tCO₂ and total GHG emission reductions for the chosen 10-year crediting period from 30-December-2015 to 29-December-2025 will be 9,212,960 tons of CO₂ as mentioned in registered PD.

The total electricity generation during the current monitoring period of 01-July- 2023 to 31-March-2024 (including both the dates) is 813,563.00 MWh and emission reductions achieved is 785,323 tCO₂e.

1.2 Audit History

Audit type	Period	Program	Validation/verification body name	Number of years
Validation verification +	30-December-2015 – 24-November-2017	VCS	LGA Technological Center S.A.	01 year 10 months 26 days
Verification	25-November-2017 – 31-July-2019	VCS	Earthhood Services Private Limited	02 years 01 month 07 days
Verification	01-August-2019 – 31-March-2020	VCS	LGA Technological Center S.A.	00 years 08 months 00 days
Verification	01-April-2020 – 31-May-2021	VCS	KBS certification Pvt Ltd.	01 year 02 months 00 days
Verification	01-June-2021 – 28-February-2022	VCS	LGA Technological Center S.A.	00 years 09 months 00 days
Verification	01-March-2022 – 31-March-2022	VCS	LGA Technological Center S.A.	00 years 01 month 00 days
Verification	01-April-2022 – 30-June-2023	VCS	VKU Certification Pvt. Ltd.	01 year 03 months 00 days
Verification	01-July-2023 – 31-March-2024	VCS	LGA Technological Center S.A.	00 years 09 months 00 days

1.3 Sectoral Scope and Project Type

Sectoral scope ²	01 – Energy Industries (renewable/non-renewable)
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² Projects, activities, or methodologies may be developed under any of the 16 VCS sectoral scopes: <https://verra.org/programs/verified-carbon-standard/vcs-program-details/#sectoral-scopes>

Project activity type	I - Renewable energy project (wind)
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1.4 Project Proponent

Organization name	Mytrah Vayu (Indravati) Pvt. Ltd.
Contact person	Mr. Someswara Prasad
Title	AGM
Address	8001, 8th Floor, Q-City, Nanakramguda, Gachibowli, Hyderabad 500032, Telangana, INDIA
Telephone	+91 9663376046
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Organization name	Mytrah Vayu (Som) Pvt. Ltd
Contact person	Mr. Someswara Prasad
Title	AGM
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Telephone	+91 9663376046
Email	someswaraprasad.kathrikimatam@jsw.in

Organization name	Mytrah Vayu (Godavari)Pvt. Ltd.
Contact person	Mr. Someswara Prasad
Title	AGM
Address	8001, 8th Floor, Q-City, Nanakramguda, Gachibowli, Hyderabad 500032, Telangana, INDIA
Telephone	+91 9663376046
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Organization name	Mytrah Vayu (Krishna) Pvt. Ltd.
Contact person	Mr. Someswara Prasad
Title	AGM
Address	8001, 8th Floor, Q-City, Nanakramguda, Gachibowli, Hyderabad 500032, Telangana, INDIA
Telephone	+91 9663376046
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Organization name	Mytrah Vayu (Tungabhadra) Pvt. Ltd
Contact person	Mr. Someswara Prasad
Title	AGM
Address	8001, 8th Floor, Q-City, Nanakramguda, Gachibowli, Hyderabad 500032, Telangana, INDIA
Telephone	+91 9663376046
Email	someswaraprasad.kathrikimatam@jsw.in

1.5 Other Entities Involved in the Project

Organization name	EKI Energy Services Limited
Role in the project	Project Consultant
Contact person	Mr. Vipul Sahu
Title	Project Manager
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Telephone	+91-9111112889

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1.6 Project Start Date

Project start date	30-December-2015
Justification	As per VCS standard Version 4.7 The start date for a non-AFOLU project is the date on which the project began generating GHG emission reductions or removals. So, the commissioning date of the project activity is considered as the start date of the project activity.

1.7 Project Crediting Period

Crediting period	☐ Seven years, twice renewable ☐ Ten years, fixed ☒ Other (10 Years twice renewable as per VCS standard Version 4.7)
Start and end date of first or fixed crediting period	30-December-2015 to 29-December-2025

1.8 Project Location

The project activity is located in the states of Rajasthan, Madhya Pradesh, Andhra Pradesh and Telangana. The site wise location details of the project is given below.

The location details for the Bhesada project site:

S No.	WTG Location	Village	District	State	Latitude (N)	Longitude(E)
1	RSA 126	Naya luna kalan	Jaisalmer	Rajasthan	26.6985	71.4897
2	RSA 128	Naya Luna Kalan	Jaisalmer	Rajasthan	26.6859	71.4923
3	RSA 286	Pratap Pura	Jaisalmer	Rajasthan	26.5989	71.6356
4	RSA 280	Khuda	Jaisalmer	Rajasthan	26.6027	71.6137

The location details for the Pottipadu project site:

Sr. No.	WTG Location	Village	District	State	Latitude (N)	Longitude (E)
1	PPD-045	Pottipadu	Anantapur	Andhra Pradesh	15.0403	77.3681
2	PPD-046	Pottipadu	Anantapur	Andhra Pradesh	15.0442	77.3645
3	PPD-047	Pottipadu	Anantapur	Andhra Pradesh	15.0483	77.3662

4	PPD-058	Pottipadu	Anantapur	Andhra Pradesh	15.0478	77.3818
5	PPD-076	Pottipadu	Anantapur	Andhra Pradesh	15.0515	77.4067
6	PPD-077	Pottipadu	Anantapur	Andhra Pradesh	15.0559	77.3951
7	PPD-078	Pottipadu	Anantapur	Andhra Pradesh	15.0602	77.3949
8	PPD-081	Pottipadu	Anantapur	Andhra Pradesh	15.0731	77.3780
9	PPD-082	Pottipadu	Anantapur	Andhra Pradesh	15.0793	77.3781
10	PPD-084	Pottipadu	Anantapur	Andhra Pradesh	15.0720	77.4075
11	PPD-085	Pottipadu	Anantapur	Andhra Pradesh	15.0673	77.4060
12	PPD-052	Gulyapalyam	Anantapur	Andhra Pradesh	15.0712	77.3578
13	PPD-055	Gulyapalyam	Anantapur	Andhra Pradesh	15.0603	77.3668
14	PPD-056	Vajrakarur	Anantapur	Andhra Pradesh	15.0567	77.3694
15	PPD-057	Vajrakarur	Anantapur	Andhra Pradesh	15.0532	77.3721
16	PPD-001	Gadehothur	Anantapur	Andhra Pradesh	15.0324	77.3214
17	PPD-002	Gadehothur	Anantapur	Andhra Pradesh	15.0274	77.3169
18	PPD-005	Gadehothur	Anantapur	Andhra Pradesh	15.0123	77.3205
19	PPD-006	Gadehothur	Anantapur	Andhra Pradesh	15.0086	77.3231
20	PPD-011	Pottipadu	Anantapur	Andhra Pradesh	15.0308	77.3411
21	PPD-012	Pottipadu	Anantapur	Andhra Pradesh	15.0354	77.3414
22	PPD-013	Pottipadu	Anantapur	Andhra Pradesh	15.0393	77.3407
23	PPD-014	Pottipadu	Anantapur	Andhra Pradesh	15.0442	77.3287
24	PPD-015	Pottipadu	Anantapur	Andhra Pradesh	15.0520	77.3317
25	PPD-016	Vajrakarur	Anantapur	Andhra Pradesh	15.0378	77.3228
26	PPD-038	Ganjikunta	Anantapur	Andhra Pradesh	15.0150	77.3756
27	PPD-039	Tatrakallu	Anantapur	Andhra Pradesh	15.0078	77.3709
28	PPD-040	Vajrakarur	Anantapur	Andhra Pradesh	15.0014	77.3654
29	PPD-060	Vajrakarur	Anantapur	Andhra Pradesh	15.0378	77.3899

30	PPD-061	Vajrakarur	Anantapur	Andhra Pradesh	15.0347	77.3933
31	PPD-062	Vajrakarur	Anantapur	Andhra Pradesh	15.0266	77.3957
32	PPD-063	Vajrakarur	Anantapur	Andhra Pradesh	15.0304	77.3946
33	PPD-064	Vajrakarur	Anantapur	Andhra Pradesh	15.0206	77.3980
34	PPD-073	Vajrakarur	Anantapur	Andhra Pradesh	15.0366	77.4091
35	PPD-074	Vajrakarur	Anantapur	Andhra Pradesh	15.0416	77.4102
36	PPD-075	Kamalapadu	Anantapur	Andhra Pradesh	15.0462	77.4074
37	PPD-049	Konakondla	Anantapur	Andhra Pradesh	15.0811	77.3511
38	PPD-050	Konakondla	Anantapur	Andhra Pradesh	15.0768	77.3517
39	PPD-053	Gulyapalyam	Anantapur	Andhra Pradesh	15.0669	77.3609
40	PPD-054	Gulyapalyam	Anantapur	Andhra Pradesh	15.0659	77.3696
41	PPD-027	Gulyapalyam	Anantapur	Andhra Pradesh	15.0637	77.3432
42	PPD-028	Gulyapalyam	Anantapur	Andhra Pradesh	15.0577	77.3453
43	PPD-029	Vajrakarur	Anantapur	Andhra Pradesh	15.0537	77.3471
44	PPD-030	Vajrakarur	Anantapur	Andhra Pradesh	15.0492	77.3496
45	PPD-031	Vajrakarur	Anantapur	Andhra Pradesh	15.0446	77.3500
46	PPD-032	Vajrakarur	Anantapur	Andhra Pradesh	15.0361	77.3539
47	PPD-033	Vajrakarur	Anantapur	Andhra Pradesh	15.0319	77.3562
48	PPD-034	Vajrakarur	Anantapur	Andhra Pradesh	15.0272	77.3528
49	PPD-035	Vajrakarur	Anantapur	Andhra Pradesh	15.0207	77.3548
50	PPD-044	Vajrakarur	Anantapur	Andhra Pradesh	15.0322	77.3748

The location details for the Nidhi Project sites for all 53 WTGs:

Sr. No.	WTG Location	Village	District	State	Latitude (N)	Longitude (E)
1	NDH-001	Habur	Jaisalmer	Rajasthan	27.1770	70.6009
2	NDH-002	Habur	Jaisalmer	Rajasthan	27.1712	70.6035
3	NDH-003	Habur	Jaisalmer	Rajasthan	27.1687	70.6069
4	NDH-004	Habur	Jaisalmer	Rajasthan	27.1646	70.6093
5	NDH-005	Habur	Jaisalmer	Rajasthan	27.1606	70.6123

6	NDH-006	Habur	Jaisalmer	Rajasthan	27.1562	70.6147
7	NDH-007	Habur	Jaisalmer	Rajasthan	27.1520	70.6182
8	NDH-008	Habur	Jaisalmer	Rajasthan	27.1480	70.6210
9	NDH-009	Habur	Jaisalmer	Rajasthan	27.1426	70.6231
10	NDH-010	Habur	Jaisalmer	Rajasthan	27.1403	70.6258
11	NDH-011	Habur	Jaisalmer	Rajasthan	27.1340	70.6296
12	NDH-012	Habur	Jaisalmer	Rajasthan	27.1306	70.6328
13	NDH-013	Habur	Jaisalmer	Rajasthan	27.1264	70.6457
14	NDH-014	Habur	Jaisalmer	Rajasthan	27.1303	70.6428
15	NDH-015	Habur	Jaisalmer	Rajasthan	27.1401	70.6367
16	NDH-016	Habur	Jaisalmer	Rajasthan	27.1439	70.6337
17	NDH-017	Habur	Jaisalmer	Rajasthan	27.1484	70.6290
18	NDH-018	Habur	Jaisalmer	Rajasthan	27.1540	70.6268
19	NDH-019	Habur	Jaisalmer	Rajasthan	27.1575	70.6242
20	NDH-020	Habur	Jaisalmer	Rajasthan	27.1616	70.6214
21	NDH-021	Habur	Jaisalmer	Rajasthan	27.1657	70.6191
22	NDH-022	Habur	Jaisalmer	Rajasthan	27.1701	70.6160
23	NDH-023	Habur	Jaisalmer	Rajasthan	27.1741	70.6130
24	NDH-024	Habur	Jaisalmer	Rajasthan	27.1792	70.6095
25	NDH-025	Habur	Jaisalmer	Rajasthan	27.1827	70.6066
26	NDH-026	Habur	Jaisalmer	Rajasthan	27.1856	70.6040
27	NDH-027	Habur	Jaisalmer	Rajasthan	27.1531	70.6382
28	NDH-028	Habur	Jaisalmer	Rajasthan	27.1490	70.6412
29	NDH-029	Habur	Jaisalmer	Rajasthan	27.1437	70.6439
30	NDH-030	Habur	Jaisalmer	Rajasthan	27.1409	70.6470
31	NDH-031	Habur	Jaisalmer	Rajasthan	27.1359	70.6493
32	NDH-032	Habur	Jaisalmer	Rajasthan	27.1321	70.6526
33	NDH-033	Habur	Jaisalmer	Rajasthan	27.1283	70.6552
34	NDH-034	Habur	Jaisalmer	Rajasthan	27.1242	70.6571
35	NDH-035	Habur	Jaisalmer	Rajasthan	27.1139	70.6741
36	NDH-036	Habur	Jaisalmer	Rajasthan	27.1174	70.6718
37	NDH-037	Habur	Jaisalmer	Rajasthan	27.1216	70.6693
38	NDH-038	Habur	Jaisalmer	Rajasthan	27.1256	70.6667
39	NDH-039	Habur	Jaisalmer	Rajasthan	27.1287	70.6636
40	NDH-040	Habur	Jaisalmer	Rajasthan	27.1337	70.6390
41	NDH-041	Habur	Jaisalmer	Rajasthan	27.1331	70.6707
42	NDH-042	Habur	Jaisalmer	Rajasthan	27.1289	70.6744
43	NDH-043	Habur	Jaisalmer	Rajasthan	27.1266	70.6777
44	NDH-044	Habur	Jaisalmer	Rajasthan	27.1192	70.6606
45	NDH-045	Habur	Jaisalmer	Rajasthan	27.1351	70.6808

46	NDH-046	Habur	Jaisalmer	Rajasthan	27.1407	70.6771
47	NDH-047	Habur	Jaisalmer	Rajasthan	27.1431	70.6942
48	NDH-048	Habur	Jaisalmer	Rajasthan	27.1398	70.6974
49	NDH-049	Habur	Jaisalmer	Rajasthan	27.1357	70.7002
50	NDH-050	Habur	Jaisalmer	Rajasthan	27.1306	70.7023
51	NDH-051	Habur	Jaisalmer	Rajasthan	27.1267	70.7054
52	NDH-052	Habur	Jaisalmer	Rajasthan	27.1358	70.7070
53	NDH-053	Habur	Jaisalmer	Rajasthan	27.1430	70.7026

The location details for the Nipaniya project site:

S No.	WTG Location	Village	District	State	Latitude (N)	Longitude (E)
1	NPY-P-58	Jamuniya	Mandsaur	Madhya Pradesh	24.2041	75.6108
2	NPY-P3-41	Dhamniya Diwan	Mandsaur	Madhya Pradesh	24.1484	75.6209
3	NPY-P3-114	Nariya Bujurg	Mandsaur	Madhya Pradesh	24.2625	75.6194
4	NPY-P3-116	Manpura	Mandsaur	Madhya Pradesh	24.2537	75.6161
5	NPY-P3-117	Nariya Bujurg	Mandsaur	Madhya Pradesh	24.2484	75.6159
6	NPY-P3-120	Aakli Shivdas	Mandsaur	Madhya Pradesh	24.2349	75.6133
7	NPY-P3-127	Sagoriya	Mandsaur	Madhya Pradesh	24.2197	75.6075
8	NPY-P-59	Sagoriya	Mandsaur	Madhya Pradesh	24.2145	75.6107
9	NPY-P3-157	Jamuniya	Mandsaur	Madhya Pradesh	24.2073	75.6093
10	NPY-P3-112	Bardiya Amra	Mandsaur	Madhya Pradesh	24.2740	75.6223
11	NPY-P3-124	Jamuniya	Mandsaur	Madhya Pradesh	24.2257	75.5991
12	NPY-P3-154	Guradiyamata	Mandsaur	Madhya Pradesh	24.2361	75.6432
13	NPY-P3-119	Manpura	Mandsaur	Madhya Pradesh	24.2300	75.5993
14	NPY-P-51	Barkheda Uda	Mandsaur	Madhya Pradesh	24.1654	75.6055

15	NPY-P3-128	Sagoriya	Mandsaur	Madhya Pradesh	24.2174	75.6098
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The location details for the Nazeerabad project site:

S No.	WTG Location	Village	District	State	Latitude (N)	Longitude (E)
1	NRB01	Nazeerabad	Rangareddy	Telangana	17.2224	77.9471
2	NRB02	Nazeerabad	Rangareddy	Telangana	17.2187	77.9479
3	NRB03	Nazeerabad	Rangareddy	Telangana	17.2162	77.9491
4	NRB04	Nazeerabad	Rangareddy	Telangana	17.2129	77.9502
5	NRB05	Nazeerabad	Rangareddy	Telangana	17.2099	77.9513
6	NRB06	Nazeerabad	Rangareddy	Telangana	17.2068	77.9510
7	NRB07	Nazeerabad	Rangareddy	Telangana	17.2040	77.9518
8	NRB11	Nazeerabad	Rangareddy	Telangana	17.1909	77.9314
9	NRB14	Nazeerabad	Rangareddy	Telangana	17.1886	77.9362
10	NRB15	Nazeerabad	Rangareddy	Telangana	17.1844	77.9300
11	NRB16	Nazeerabad	Rangareddy	Telangana	17.1788	77.9233
12	NRB17	Nazeerabad	Rangareddy	Telangana	17.1752	77.9234
13	NRB18	Nazeerabad	Rangareddy	Telangana	17.1716	77.9242
14	NRB19	Nazeerabad	Rangareddy	Telangana	17.1700	77.9295
15	NRB20	Nazeerabad	Rangareddy	Telangana	17.1675	77.9230
16	NRB22	Nazeerabad	Rangareddy	Telangana	17.1617	77.9171
17	NRB23	Nazeerabad	Rangareddy	Telangana	17.1598	77.9247
18	NRB24	Nazeerabad	Rangareddy	Telangana	17.1554	77.9300
19	NRB26	Nazeerabad	Rangareddy	Telangana	17.1506	77.9221
20	NRB27	Nazeerabad	Rangareddy	Telangana	17.1480	77.9295
21	NRB28	Nazeerabad	Rangareddy	Telangana	17.1473	77.9220
22	NRB29	Nazeerabad	Rangareddy	Telangana	17.1442	77.9128
23	NRB30	Nazeerabad	Rangareddy	Telangana	17.1443	77.9282
24	NRB31	Nazeerabad	Rangareddy	Telangana	17.1420	77.9208
25	NRB34	Nazeerabad	Rangareddy	Telangana	17.1352	77.9174
26	NRB35	Nazeerabad	Rangareddy	Telangana	17.1328	77.9273
27	NRB36	Nazeerabad	Rangareddy	Telangana	17.1299	77.9436
28	NRB39	Nazeerabad	Rangareddy	Telangana	17.1307	77.9328
29	NRB40	Nazeerabad	Rangareddy	Telangana	17.1247	77.9443
30	NRB41	Nazeerabad	Rangareddy	Telangana	17.1267	77.9321
31	NRB43	Nazeerabad	Rangareddy	Telangana	17.1223	77.9303
32	NRB44	Nazeerabad	Rangareddy	Telangana	17.1203	77.9405
33	NRB48	Nazeerabad	Rangareddy	Telangana	17.1189	77.9478
34	NRB49	Nazeerabad	Rangareddy	Telangana	17.1155	77.9566
35	NRB54	Nazeerabad	Rangareddy	Telangana	17.1047	77.9537

36	NRB56	Nazeerabad	Rangareddy	Telangana	17.0990	77.9548
37	NRB57	Nazeerabad	Rangareddy	Telangana	17.0960	77.9551
38	NRB58	Nazeerabad	Rangareddy	Telangana	17.0895	77.9509
39	NRB60	Nazeerabad	Rangareddy	Telangana	17.1978	77.9525
40	NRB62	Nazeerabad	Rangareddy	Telangana	17.1431	77.9875
41	NRB63	Nazeerabad	Rangareddy	Telangana	17.1390	77.9877
42	NRB64	Nazeerabad	Rangareddy	Telangana	17.1354	77.9894
43	NRB66	Nazeerabad	Rangareddy	Telangana	17.1292	77.9909
44	NRB67	Nazeerabad	Rangareddy	Telangana	17.1248	77.9920
45	NRB68	Nazeerabad	Rangareddy	Telangana	17.1214	77.9941
46	NRB69	Nazeerabad	Rangareddy	Telangana	17.1153	77.9932
47	NRB71	Nazeerabad	Rangareddy	Telangana	17.1042	77.9862
48	NRB72	Nazeerabad	Rangareddy	Telangana	17.0866	77.9500

The location details for the Burgula-II project site:

S No.	WTG Location	Village	District	State	Latitude (N)	Longitude (E)
1	BRG-552	Burugula	Kurnool	Andhra Pradesh	15.19516	77.93793
2	BRG-553	Burugula	Kurnool	Andhra Pradesh	15.19682	77.93758
3	BRG-506	Burugula	Kurnool	Andhra Pradesh	15.14936	77.925586
4	BRG-556	Burugula	Kurnool	Andhra Pradesh	15.233479	77.96228
5	BRG-558	Burugula	Kurnool	Andhra Pradesh	15.236606	77.96491
6	BRG-559	Burugula	Kurnool	Andhra Pradesh	15.240287	77.96884

The location details for the Aspari-I project site:

S No.	WTG Location	Village	District	State	Latitude (N)	Longitude (E)
1	ASP-005	Aspari	Kurnool	Andhra Pradesh	15.4721	77.3977
2	ASP-006	Aspari	Kurnool	Andhra Pradesh	15.4685	77.3975
3	ASP-007	Aspari	Kurnool	Andhra Pradesh	15.4651	77.3981
4	ASP-008	Aspari	Kurnool	Andhra Pradesh	15.4613	77.3984
5	ASP-009	Aspari	Kurnool	Andhra Pradesh	15.4561	77.3998
6	ASP-010	Aspari	Kurnool	Andhra Pradesh	15.4527	77.3985
7	ASP-011	Aspari	Kurnool	Andhra Pradesh	15.4491	77.4002
8	ASP-012	Aspari	Kurnool	Andhra Pradesh	15.4455	77.4004

9	ASP-013	Aspari	Kurnool	Andhra Pradesh	15.4424	77.3998
10	ASP-014	Aspari	Kurnool	Andhra Pradesh	15.4383	77.3990
11	ASP-015	Aspari	Kurnool	Andhra Pradesh	15.4350	77.3975
12	ASP-016	Aspari	Kurnool	Andhra Pradesh	15.4315	77.3978
13	ASP-017	Aspari	Kurnool	Andhra Pradesh	15.4280	77.3981
14	ASP-018	Aspari	Kurnool	Andhra Pradesh	15.4228	77.4094
15	ASP-019	Aspari	Kurnool	Andhra Pradesh	15.4191	77.4079
16	ASP-021	Aspari	Kurnool	Andhra Pradesh	15.4149	77.4068
17	ASP-022	Aspari	Kurnool	Andhra Pradesh	15.4093	77.4092
18	ASP-023	Aspari	Kurnool	Andhra Pradesh	15.4057	77.4099
19	ASP-024	Aspari	Kurnool	Andhra Pradesh	15.4011	77.4110
20	ASP-025	Aspari	Kurnool	Andhra Pradesh	15.4455	77.4124
21	ASP-026	Aspari	Kurnool	Andhra Pradesh	15.4413	77.4126
22	ASP-027	Aspari	Kurnool	Andhra Pradesh	15.4369	77.4140
23	ASP-028	Aspari	Kurnool	Andhra Pradesh	15.4319	77.4140
24	ASP-029	Aspari	Kurnool	Andhra Pradesh	15.4266	77.4136
25	ASP-061	Aspari	Kurnool	Andhra Pradesh	15.3893	77.4220
26	ASP-062	Aspari	Kurnool	Andhra Pradesh	15.3856	77.4186
27	ASP-063	Aspari	Kurnool	Andhra Pradesh	15.3826	77.4137
28	ASP-064	Aspari	Kurnool	Andhra Pradesh	15.3792	77.4111
29	ASP-065	Aspari	Kurnool	Andhra Pradesh	15.3754	77.4103
30	ASP-066	Aspari	Kurnool	Andhra Pradesh	15.3721	77.4079
31	ASP-030	Aspari	Kurnool	Andhra Pradesh	15.4416	77.4269
32	ASP-031	Aspari	Kurnool	Andhra Pradesh	15.4379	77.4272
33	ASP-032	Aspari	Kurnool	Andhra Pradesh	15.4339	77.4278
34	ASP-033	Aspari	Kurnool	Andhra Pradesh	15.4305	77.4279

35	ASP-035	Aspari	Kurnool	Andhra Pradesh	15.4242	77.4302
36	ASP-036	Aspari	Kurnool	Andhra Pradesh	15.4200	77.4328
37	ASP-037	Aspari	Kurnool	Andhra Pradesh	15.4165	77.4356
38	ASP-038	Aspari	Kurnool	Andhra Pradesh	15.4124	77.4365
39	ASP-039	Aspari	Kurnool	Andhra Pradesh	15.4089	77.4376
40	ASP-042	Aspari	Kurnool	Andhra Pradesh	15.4211	77.4504
41	ASP-043	Aspari	Kurnool	Andhra Pradesh	15.4159	77.4571
42	ASP-087	Aspari	Kurnool	Andhra Pradesh	15.4340	77.4495
43	ASP-088	Aspari	Kurnool	Andhra Pradesh	15.4406	77.4480
44	ASP-089	Aspari	Kurnool	Andhra Pradesh	15.4444	77.4465
45	ASP-090	Aspari	Kurnool	Andhra Pradesh	15.4474	77.4443
46	ASP-091	Aspari	Kurnool	Andhra Pradesh	15.4518	77.4434
47	ASP-092	Aspari	Kurnool	Andhra Pradesh	15.4553	77.4430
48	ASP-001	Aspari	Kurnool	Andhra Pradesh	15.4834	77.4121
49	ASP-002	Aspari	Kurnool	Andhra Pradesh	15.4791	77.4161
50	ASP-003	Aspari	Kurnool	Andhra Pradesh	15.4745	77.4177
51	ASP-093	Aspari	Kurnool	Andhra Pradesh	15.4658	77.4388
52	ASP-094	Aspari	Kurnool	Andhra Pradesh	15.4705	77.4381
53	ASP-095	Aspari	Kurnool	Andhra Pradesh	15.4740	77.4383
54	ASP-139	Aspari	Kurnool	Andhra Pradesh	15.4758	77.3987
55	ASP-044	Aspari	Kurnool	Andhra Pradesh	15.4117	77.4612

The location details for the Aspari-II project site:

S No.	WTG location	Village	District	State	Latitude (N)	Longitude (E)
1	ASP-040	Aspari	Kurnool	Andhra Pradesh	15.3942	77.4422
2	ASP-046	Aspari	Kurnool	Andhra Pradesh	15.4053	77.4667
3	ASP-047	Aspari	Kurnool	Andhra Pradesh	15.3907	77.4695

4	ASP-048	Aspari	Kurnool	Andhra Pradesh	15.3969	77.4698
5	ASP-050	Aspari	Kurnool	Andhra Pradesh	15.4208	77.4773
6	ASP-052	Aspari	Kurnool	Andhra Pradesh	15.4161	77.4829
7	ASP-053	Aspari	Kurnool	Andhra Pradesh	15.4096	77.4789
8	ASP-054	Aspari	Kurnool	Andhra Pradesh	15.4059	77.4797
9	ASP-055	Aspari	Kurnool	Andhra Pradesh	15.3993	77.4840
10	ASP-071	Aspari	Kurnool	Andhra Pradesh	15.3902	77.4451
11	ASP-072	Aspari	Kurnool	Andhra Pradesh	15.3864	77.4443
12	ASP-073	Aspari	Kurnool	Andhra Pradesh	15.3826	77.4443
13	ASP-074	Aspari	Kurnool	Andhra Pradesh	15.3779	77.4442
14	ASP-081	Aspari	Kurnool	Andhra Pradesh	15.3792	77.4878
15	ASP-082	Aspari	Kurnool	Andhra Pradesh	15.3758	77.4913
16	ASP-083	Aspari	Kurnool	Andhra Pradesh	15.3722	77.4924
17	ASP-084	Aspari	Kurnool	Andhra Pradesh	15.3688	77.4934
18	ASP-086	Aspari	Kurnool	Andhra Pradesh	15.3616	77.4953
19	ASP-130	Aspari	Kurnool	Andhra Pradesh	15.4631	77.4228
20	ASP-131	Aspari	Kurnool	Andhra Pradesh	15.4528	77.4126
21	ASP-132	Aspari	Kurnool	Andhra Pradesh	15.4492	77.4123
22	ASP-138	Aspari	Kurnool	Andhra Pradesh	15.4570	77.4138

1.9 Title and Reference of Methodology

Type (methodology, tool or module).	Reference ID, if applicable	Title	Version
Methodology	ACM0002	Grid-connected electricity generation from renewable sources	17.0 ³

³ <https://cdm.unfccc.int/methodologies/DB/8W400U6E7LFHHYH2C4JR1RJWWO4PVN>

Tool	TOOL07	Tool to calculate the emission factor for an electricity system	06.0 ⁴
Tool	TOOL01	Tool for the demonstration and assessment of additionality	07.0.0 ⁵

1.10 Double Counting and Participation under Other GHG Programs

1.10.1 No Double Issuance

Is the project receiving or seeking credit for reductions and removals from a project activity under another GHG program?

☐ Yes ☒ No

1.10.2 Registration in Other GHG Programs

Was the project registered or seeking registration under any other GHG programs?

☐ Yes ☒ No

1.11 Double Claiming, Other Forms of Credit, and Scope 3 Emissions

1.11.1 No Double Claiming with Emissions Trading Programs or Binding Emission Limits

Are project reductions and removals or project activities also included in an emissions trading program or binding emission limit? See the VCS Program Definitions for definitions of emissions trading program and binding emission limit.

☐ Yes ☒ No

1.11.2 No Double Claiming with Other Forms of Environmental Credit

Has the project activity sought, received, or is planning to receive credit from another GHG-related environmental credit system? See the VCS Program Definitions for definition of GHG-related environmental credit system.

☐ Yes ☒ No

1.11.3 Supply Chain (Scope 3) Emissions

Do the project activities affect the emissions footprint of any product(s) (goods or services) that are part of a supply chain?

☐ Yes ☒ No

⁴ <https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-07-v6.pdf>

⁵ <http://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-01-v7.0.0.pdf>

1.12 Sustainable Development Contributions

Ministry of Environment and Forests, Govt. of India has specified the social well-being, economic well-being, environmental well-being and technological well-being as the four indicators for sustainable development in host country approval eligibility criteria for clean development mechanism (CDM) projects. The project contributes to sustainable development using the following ways:

- a) Social and economic well-being
- b) Environmental well-being
- c) Technological well-being
- d) Environmental well-being

The project activity would contribute to the above indicators in the following manner:

- a) **Social Well-being:** The project helps in generating employment opportunities during the construction and operation phases. The project activity leads to development in infrastructure in the region like development of roads, telecommunication and also may promote business with improved power generation.
- b) **Economic Well-being:** The project is a clean technology investment in the region, which would not have been taken place in the absence of the VCS benefits the project activity also helps to reduce the demand supply gap in the state. The project activity generates power using zero emissions Wind-based power generation which helps to reduce GHG emissions and specific pollutants like SO_x, NO_x, and SPM associated with the conventional thermal power generation facilities.
- c) **Technological well-being:** The successful operation of project activity is leading to promotion of Wind based power generation and would encourage other entrepreneurs to participate in similar projects.
- d) **Environmental well-being:** The project activity being a renewable source of energy, it reduces the dependence on fossil fuels and conserves natural resources which are on the verge of depletion. Due to its zero emission the project activity also helps in avoiding significant amount of GHG emissions.

Table 1: Sustainable Development Contributions

Row number	SDG target	SDG indicator	Net impact on SDG indicator	Current project contributions	Contributions over project lifetime
1)	7.2	7.2.1 Renewable energy share in the total final energy consumption	Implemented activities to increase renewable energy share in the total final energy consumption	About 813,563.00 MWh, renewable electricity has supplied to INDIAN Grid during the reported period that helps to increase the renewable energy share in the energy mix	Since commissioning about 6,776,094.80 (554,193+1,808,924+609,924+872,848+45,429+1,062,432+1,008,781.8+813,563.00) MWh of renewable energy has supplied to INDIAN grid.
2)	8.6	8.6.1 Proportion of youth (aged 15-24) not in education, employment or training	Implemented activities to Increase	Total 15 employees are employed during this reporting period ⁶ and 26 training has been provided.	Employment to 230 peoples and 31 trainings were given since the commissioning of the project activity.

⁶ The entire SPVs are transferred to JSW, priorly the project SPVs were owned by Mytrah Energy India Limited. So the employees are by JSW now.

3)	13.0	Tonnes of greenhouse gas emissions avoided or removed	Implemented activities to increase the tonnes of greenhouse gas emissions avoided	By supplying 813,563.00 MWh of renewable electricity to Indian grid for the reported period the project activity has avoided the 785,323 tCO _{2e} of greenhouse gas emissions.	Since commissioning the project activity has avoided the 6,540,497 (534,957+1,745,723+588,760+842,554+43,848+1,025,562+973,770+785,323) tCO _{2e} of greenhouse gas emission.
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1.13 Commercially Sensitive Information

There no any commercially sensitive information has been excluded from the public version of the monitoring report.

2 SAFEGUARDS AND STAKEHOLDER ENGAGEMENT

2.1 Stakeholder Engagement and Consultation

2.1.1 Stakeholder Identification

Stakeholder Identification	Not Applicable																								
	Since the local stakeholder consultation was conducted prior to the implementation of the project activity during validation. The consultation process involved relevant stakeholders such as the local village head, villagers, NGOs, PP representative and Local Government representatives.																								
	The local stakeholder consultation is held as such-																								
	<table><tr><th>S No.</th><th>Project Activity name</th><th>Meeting date</th></tr><tr><td>1</td><td>Mytrah Vayu (Indravati) Pvt. Ltd</td><td>21-November-2015</td></tr><tr><td>2</td><td>Mytrah Vayu (Indravati) Pvt. Ltd.</td><td>22-August-2015</td></tr><tr><td>3</td><td>Mytrah Vayu (Som) Pvt. Ltd.</td><td>20-February-2016</td></tr><tr><td>4</td><td>Mytrah Vayu (Som) Pvt. Ltd.</td><td>06-February-2016</td></tr><tr><td>5</td><td>Mytrah Vayu (Godavari) Pvt. Ltd.</td><td>22-February-2016</td></tr><tr><td>6</td><td>Mytrah Vayu (Krishna) Pvt. Ltd.</td><td>18-January-2017</td></tr><tr><td>7</td><td>Mytrah Vayu (Tungabhadra) Pvt. Ltd.</td><td>20-September-2016</td></tr></table>	S No.	Project Activity name	Meeting date	1	Mytrah Vayu (Indravati) Pvt. Ltd	21-November-2015	2	Mytrah Vayu (Indravati) Pvt. Ltd.	22-August-2015	3	Mytrah Vayu (Som) Pvt. Ltd.	20-February-2016	4	Mytrah Vayu (Som) Pvt. Ltd.	06-February-2016	5	Mytrah Vayu (Godavari) Pvt. Ltd.	22-February-2016	6	Mytrah Vayu (Krishna) Pvt. Ltd.	18-January-2017	7	Mytrah Vayu (Tungabhadra) Pvt. Ltd.	20-September-2016
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Legal or customary tenure/access rights	Not Applicable, There are no legal or customary tenure/access rights to territories and resources, including collective and conflicting rights held by stakeholders, indigenous people (Ips), Local communities (LCs), and customary rights holders with regards to the project. The project is wind energy generation and it is established on the project proponent's land.																
Stakeholder diversity and changes over time	Stakeholders identified for this project activity are diverse in nature – in terms of socio-economic status, age and gender wise and the diversity is unlikely to change over time.																
Expected changes in well-being	The wind power project promotes social, economic, technological, and environmental well-being by generating clean energy, reducing emissions, creating jobs, enhancing infrastructure, and encouraging renewable energy adoption.																
Location of stakeholders	The location of the stakeholder is nearby villages of the project activity tabulated below: <table border="1"> <thead> <tr> <th>Project Site</th><th>State</th></tr> </thead> <tbody> <tr> <td>Pottipadu</td><td>Andhra Pradesh</td></tr> <tr> <td>Nidhi</td><td>Rajasthan</td></tr> <tr> <td>Nipaniya</td><td>Madhya Pradesh</td></tr> <tr> <td>Nazeerabad</td><td>Telangana</td></tr> <tr> <td>Burgula – II</td><td>Andhra Pradesh</td></tr> <tr> <td>Aspari – I</td><td>Andhra Pradesh</td></tr> <tr> <td>Aspari - II</td><td>Andhra Pradesh</td></tr> </tbody> </table>	Project Site	State	Pottipadu	Andhra Pradesh	Nidhi	Rajasthan	Nipaniya	Madhya Pradesh	Nazeerabad	Telangana	Burgula – II	Andhra Pradesh	Aspari – I	Andhra Pradesh	Aspari - II	Andhra Pradesh
Project Site	State																
Pottipadu	Andhra Pradesh																
Nidhi	Rajasthan																
Nipaniya	Madhya Pradesh																
Nazeerabad	Telangana																
Burgula – II	Andhra Pradesh																
Aspari – I	Andhra Pradesh																
Aspari - II	Andhra Pradesh																
Location of resources	Not Applicable. There no the location of territories and resources which stakeholders own or to which they have customary access.																

2.1.2 Stakeholder Consultation and Ongoing Communication

Ongoing consultation	Stakeholders' consultation is a continuous process and hence a feedback register is kept at the project site office
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	where any stakeholder can come and share his/her feedback. The feedback irrespective of the type is taken care by PP with utmost priority.		
Date(s) of stakeholder consultation	(Initial LSC conducted at the time of registration)		
	S No.	SPV Name	Date of stakeholder meeting
	1	Mytrah Vayu (Indravati) Pvt. Ltd.	21-November-2015
	2	Mytrah Vayu (Indravati) Pvt. Ltd.	22-August-2015
	3	Mytrah Vayu (Som) Pvt. Ltd.	20-February-2016
	4	Mytrah Vayu (Som) Pvt. Ltd.	06-February-2016
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	6	Mytrah Vayu (Krishna) Pvt. Ltd.	18-January-2017
	7	Mytrah Vayu (Tungabhadra) Pvt. Ltd.	20-September-2016
Communication of monitored results	The meeting was outlined towards making aware local stakeholders including local community, local administration representatives, NGOs working for environmental cause etc., about the project activity that involves electricity generation using wind produced by wind plant with the primary objective of reducing emissions of GHGs in compared to pre-project or baseline scenario.		
Consultation records	Minutes of meeting from LSH, Invitation letter		
Stakeholder input	The feedbacks/comments received from stakeholders were quite positive and no negative comments were received. The questions asked by stakeholders were only on process and these are explained by PP representatives		

2.1.3 Free, Prior, and Informed Consent

Consent	There are no ongoing or unresolved conflicts related to the project, as a comprehensive stakeholders meeting was conducted before the initiation of project activities. All relevant stakeholders were invited to participate through formal invitations and were encouraged to raise any concerns or questions. The project proponent addressed all queries during the meeting, ensuring that any potential issues were resolved before the project began. As a result, the project does not exacerbate or influence the outcomes of any unresolved conflicts, as it was designed with transparency and neutrality, ensuring all stakeholders' concerns were adequately addressed and mitigated in advance.
Outcome of FPIC	The project has not encroached on land, relocated people, or caused any physical or economic displacement. All necessary assessments and consultations were conducted to ensure compliance with legal requirements, and no individuals or communities have been displaced by the project.

2.1.4 Grievance Redress Procedure

The project owner has operating complaint procedure. The PP has kept the register on plant site office for logging the ongoing communication or any grievance from the stakeholder which is easily accessible to the all stakeholders. This procedure of ongoing communication log & addressal is used for the project. Below grievances are registered during current monitoring period of Nipaniya Site.

Grievances received	Resolution and outcome
Lokesh Kumar Soni (23-August-2023): Removal of the electricity line near villagers' farmland.	Removed electricity line– Resolved
Hanumant Singh (02-October-2023): Removal of a pole near villagers' farmland.	Removed Pole – Resolved
Rajesh Chouhan: Road repairs.	Approach road repaired – Resolved

Akhilesh Pandey (02-august-2023): Road repairs.	Approach road repaired – Resolved
Vinod Patidar (15-January-2024): Repairing the electricity line damaged by heavy rain.	Repaired the electricity line – Resolved

2.1.5 Public Comments

Summary of comments received	Actions taken
No comments received during the current monitoring period.	No comments received has no action required.

2.2 Risks to Stakeholders and the Environment

2.2.1 Management Experience

The management team of the project proponent has significant expertise and experience in implementing similar project activities, including community engagement. There are no new entities involved in the project's design or implementation, ensuring continuity and stability within the project's management. The team has a proven track record of managing construction, operations, and community engagement, with a particular focus on environmental and social aspects. This includes overseeing registration, monitoring, measurement, reporting, and review processes.

The project team operates within an organizational structure approved by the board members and consists of professionals with diverse expertise in environmental management, data handling, and project management. This combined experience ensures the effective implementation and monitoring of the project, fully compliant with Verra requirements.

In case there are any areas where additional experience is needed, the project proponent has the necessary internal and external resources to address these gaps and ensure successful project delivery.

2.2.2 Risk assessment

	Risk identified	Mitigation or preventative measure(s) taken
Natural and human-induced risks to stakeholders' wellbeing	No risk identified	There is no natural or human induced risks identified for stakeholders.

Risks to stakeholder participation	No risk identified	There are no exclusions, lack of communications or barriers in the project activity that might prevent stakeholders from engaging or participating.
Working conditions	No risk identified	Regarding the working and safety procedures: Accident at work: implementing permit to work, identify the hazard, risk and mitigation, tools required (working at height, lifting and hoist. Fire hazard & emergency condition: implementing emergency response procedure, fire extinguisher inspection. Site safety: plant security and visitor procedure Unsafety action: Internal audit procedure Waste spill: scheduled waste management Accident, incident: Reporting, first aid treatment
Safety of women and girls	No risk identified	As the safety procedures implemented for each employee as described above, respect human rights, follow all the applicable laws and regulation.
Safety of minority and marginalized groups, including children	No risk identified	HR policies are in place and also the company follows the statutory rules which ensures Safety of minority and marginalized groups, including children. Child labor is prohibited in the project plant.

Pollutants (air, noise, discharges to water, generation of waste, and release of hazardous materials and chemical pesticides and fertilizers)	No risk identified	There is some risk of noise from the wind turbine but the noise is within the permissible limit of the environmental law.
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2.3 Respect for Human Rights and Equity

2.3.1 Labor and Work

	Risks identified ⁷	Mitigation or preventative measure(s) taken
Discrimination	No risk identified	There is a HR policy, that no discrimination will occur related to work and labor during the monitoring period
Sexual harassment	No risk identified	There is a HR policy, that no sexual harassment will occur related to work and labor during the monitoring period
Gender equity in labor and work	No risk identified	PP provides equal opportunities in the context of gender equity and pay for labor and work
Forced labor	No risk identified	PP has implemented HR policy where forced labour is strictly prohibited as per labour law.
Child labor	No risk identified	PP does not provide employment to child labor and follows the Indian labour law on child labour prohibition.
Human trafficking	No risk identified	PP does not use victims of human trafficking and is not involved in any such kind of activities.

2.3.2 Human Rights

Risks identified	Mitigation or preventative measure(s) taken
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⁷ The identified risks and commensurate mitigation or preventative measure(s) for forced labor, child labor, and human trafficking, must be inclusive of staff and contracted workers employed by third parties.

No risk identified	There is no any risk related to recognizing, respecting, and promoting the protection of the rights of IPs, LCs, and customary rights holders in line with applicable international human rights law, and the United Nations Declaration on the Rights of Indigenous Peoples and ILO Convention 169 on Indigenous and Tribal Peoples. PP has taken FPIC from the Local stakeholders before implementing the project activity.
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2.3.3 Indigenous Peoples and Cultural Heritage

Risks identified	Mitigation(s) or preventative measure taken
No risk identified	The project activity is implemented on the Projects owner's land; hence, no tangible cultural heritage has been hampered for the project activity. However, PP is committed to protect regional as well as national cultural heritage

2.3.4 Property Rights

Risks identified	Mitigation or preventative measure(s) taken
No risk identified	The project activity is implemented on Project owners land and PP is committed to protecting and preserving the property rights of IPs, LCs, and customary rights holders, and to protecting legal or customary tenure/access rights to territories, property, and resources.

2.3.5 Benefit Sharing

Summary of the benefit sharing plan	Not applicable Since the benefits of the carbon credits lies with the project proponent. Also, the section 2.3.4 property rights of the monitoring report is not applicable.
Benefit sharing during the monitoring period	Not Applicable since PP is the sole owner of the revenue generated from the project activity.

2.4 Ecosystem Health

Risk identified		Mitigation or preventative measure(s) taken during the monitoring period
Impacts on biodiversity and ecosystems	No risk identified	No impact on the biodiversity is likely to be caused
Soil degradation and soil erosion	No risk identified	No soil erosion and degradation are likely to be caused
Water consumption and stress	No risk identified	Water consumption is not likely to be ceased.

2.4.1 Rare, Threatened, and Endangered species

Species or habitat	The project is situated in a remote area characterized by desert or rocky terrain, as confirmed by its geo-coordinates. It is not located in or adjacent to habitats of rare, threatened, or endangered species. Consequently, the project poses no risk to such species. Additionally, as the project utilizes wind technology (Wind turbine is in White category as per CPCB) ⁸ , it does not have any harmful effects on the environment or wildlife.
Areas needed for habitat connectivity	There is no area needed for habitat connectivity as the project activity is not located in or adjacent to habitat for rare, threatened or endangered species.

Risks identified		Mitigation or preventative measure(s) taken
Habitats for rare, threatened, and endangered species	No risk identified	The project is situated in a remote area characterized by desert or rocky terrain, as confirmed by its geo-coordinates. It is not located in or adjacent to habitats of rare, threatened, or endangered species. Consequently, the project poses no risk to such species. Additionally, as the project utilizes wind technology

⁸ <https://cpcb.nic.in/openpdf.php?id=TGF0ZXN0RmlsZS9fMTU2NzgOTg1OF9tZWRpYXB0b3RvMTk2MDYucGRm>

		(Wind turbine is in White category as per CPCB), it does not have any harmful effects on the environment or wildlife.
Areas for habitat connectivity	No risk identified	There is no area needed for habitat connectivity as the project activity is not located in or adjacent to habitat for rare, threatened or endangered species.

2.4.2 Introduction of species

At the time of registration, no species were identified as requiring mitigation for this project. The project involves the generation of wind power electricity and its export to the Indian grid, which does not include the planting or introduction of any species. Hence, this section is not applicable.

Species introduced	Classification	Justification for use	Adverse effects and mitigation
N/A	N/A	N/A	N/A

Existing invasive species	Mitigation measures to prevent the spread or continued existence of invasive species
No Risk Identified	There is no invasive species identified hence no mitigation measure is required.

	Risks identified	Mitigation or preventative measure(s) taken
Invasive species	No risk identified	No mitigation measures are required as no invasive species are identified.

2.4.3 Ecosystem conversion

	Risks identified	Mitigation or preventative measure(s) taken
Ecosystem conversion	No risk identified	There is no invasive species identified hence no mitigation measure is required.

3 IMPLEMENTATION STATUS

3.1 Implementation Status of the Project Activity

The project activity involves the installation of Wind Power Projects. The total installed capacity of the project is 493.9 MW. The project is promoted by Mytrah Energy (India) Pvt. Limited with different SPVs. Details of the installation of project in respective state is as follows:

S No.	Name of SPV's	Project Site	Location (State)	Registered Capacity	Operational Capacity
1	Mytrah Vayu (Indravati) Pvt. Ltd.	Bhesada	Rajasthan	8.4 MW	8.4 MW
2	Mytrah Vayu (Indravati) Pvt. Ltd.	Pottipadu	Andhra Pradesh	105 MW	105 MW
3	Mytrah Vayu (Som) Pvt. Ltd.	Nidhi	Rajasthan	90 MW	90 MW
4	Mytrah Vayu (Som) Pvt. Ltd.	Nipaniya	Madhya Pradesh	30 MW	30 MW
5	Mytrah Vayu (Godavari) Pvt. Ltd.	Nazeerabad	Telangana	100.8 MW	100.8 MW
6	Mytrah Vayu (Krishna) Pvt. Ltd.	Burgula-II	Andhra Pradesh	10.8 MW	10.8 MW
7	Mytrah Vayu (Tungabhadra) Pvt. Ltd.	Aspari-I	Andhra Pradesh	98.3 MW	98.3 MW
8	Mytrah Vayu (Tungabhadra) Pvt. Ltd.	Aspari-II	Andhra Pradesh	50.6 MW	50.6 MW
Total				493.9 MW	493.9 MW

The Project activity is a new facility (Greenfield) and the electricity generated by the Project is be exported to the Indian Grid. The Project, therefore displace an equivalent amount of electricity

which would have otherwise been generated by fossil fuel dominant electricity grid. The Project Proponent plans to avail the VCS benefits for the Project with the total commissioned capacity of 493.9 MW till date, the wind plant is operating smoothly with scheduled maintenance. No events or situations happened during the reported monitoring period that can alter the applicability of the applied methodology or impact the GHG emission reductions or removals. The major breakdown details that occurred during the monitoring period has been provided in the APPENDIX 3: Breakdown details.

Wind Power Project Technology Details –

The technology employed, converts wind energy to electrical energy. In wind power generation, energy of wind is converted into mechanical energy and subsequently into electrical energy. The technology is an environment friendly technology since there are no GHG emissions associated with the electricity generation. There is no transfer of technology involved in the project activity.

The project activity comprises of WTG's of Suzlon Energy Limited Model No. S97, WTG's of GE India Industrial Pvt Limited GE 1.7 & 2.3, WTGs of Inox Wind Limited Model No. DF-100 and WTGs of Wind World India Limited Model No. WW-53. The commissioning of these WTGs of the project activity is completed and details are mentioned in APPENDIX 4: Commissioning details

S No.	Name of SPV	Project site	WTG Model	Capacity (kW)	Number
1	Mytrah Vayu (Indravati) Pvt. Ltd.	Bhesada	Suzlon Energy Limited's model	2100 kW	4
2	Mytrah Vayu (Indravati) Pvt. Ltd.	Pottipadu	Suzlon Energy Limited's model S-97	2100 kW	50
3	Mytrah Vayu (Som) Pvt. Ltd.	Nidhi	GE India Industrial Pvt. Ltd	1700 kW	53
4	Mytrah Vayu (Som) Pvt. Ltd.	Nipaniya	Inox Wind Ltd. model: DF 100	2000 kW	15
5	Mytrah Vayu (Godavari) Pvt. Ltd.	Nazeerabad	Suzlon Energy Limited Model S-97	2100 kW	48

6	Mytrah Vayu (Krishna) Pvt. Ltd.	Burgula-II	GE India Industrial Pvt. Ltd. model- GE 2.3	2300 kW	4
			Wind World India Limited's model: WW-53	800 kW	2
7	Mytrah Vayu (Tungabhadra) Pvt. Ltd.	Aspari-I	GE India Industrial Pvt. Ltd	1700 kW	47
				2300 kW	8
8	Mytrah Vayu (Tungabhadra) Pvt. Ltd.	Aspari-II	GE India Industrial Pvt. Ltd. model- GE 2.3	2300 kW	22
Total					253

The Specification of 50 WTG (105 MW at Pottipadu site), 4 WTG (8.4 MW at Bhesada site) and 48 WTG (100.8 MW at Nazeerabad site) Suzlon Energy Limited's model: S-97/2100 kW at Pottipadu Site, Bhesada site and Nazeerabad site respectively are as follows:

Power	
Rated power:	2,100.0 kW
Cut-in wind speed:	3.5 m/s
Rated wind speed:	11.0 m/s
Cut-out wind speed:	20.0 m/s
Survival wind speed:	60.0 m/s
Rotor	
Diameter:	97.0 m
Swept area:	7,386.0 m ²
Number of blades:	3
Power density 1:	284.3 W/m ²
Power density 2:	3.5 m ² /kW
Generator	
Type:	Asynchronous
Number:	1
Voltage:	690.0 V

Grid connection:	DFIG
Grid frequency:	50/60 Hz
Tower	
Hub height:	80/90/100/120 m
Type:	Steel tube
Shape:	Conical
Corrosion protection:	Painted

The Specification of 47 WTG (79.9 MW at Aspari I) and 90 MW at Nidhi site of GE India Industrial Pvt. Ltd. model: GE 1.7 at Aspari-I Site and Nidhi site respectively are as follows:

Power	
Rated power:	1,700.0 kW
Cut-in wind speed:	3.0 m/s
Rated wind speed:	10.0 m/s
Cut-out wind speed:	23.0 m/s
Wind class (IEC):	S
Rotor	
Diameter:	103.0 m
Swept area:	8,332.0 m ²
Number of blades:	3
Type:	50.2m
Material:	GFRP
Power density 1:	204.0 W/m ²
Power density 2:	4.9 m ² /kW
Gear box	
Type:	spur/planetary
Generator	
Type:	Double Fed Asyn
Number:	1
Grid connection:	IGBT
Grid frequency:	50/60 Hz
Tower	
Hub height:	80/96 m
Type:	Steel tube
Shape:	Conical
Corrosion protection:	Painted

The Specification of 30 WTG (69 MW) GE India Industrial Pvt. Ltd. model- GE 2.3 at Aspari-II and burgulla-II are as follows:

Rated Power (MW):	2.3
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Wind Class:	IIIs
Cut-In Wind Speed:	3
Nominal Wind speed (8 m/s):	14m/s
Cut-Out Wind Speed:	23
Annual Output (8 m/s) in MWh:	10,887 @ 8.5m/s
Nominal Rotor Diameter (m):	107
Hub Height (m):	80,94
Swept Area (m ²):	8,992
Gearbox Ratio :	130.4 (50hz)
Generator Type:	DFIG
Turbine Output (V):	690
Frequency (HZ):	50

The Specification of 15 WTG (30 MW) Inox Wind Ltd. model: DF 100 at Nipaniya are as follows:

Power	
Rated power:	2,000.0 kW
Cut-in wind speed:	3.0 m/s
Rated wind speed:	11.0 m/s
Cut-out wind speed:	20.0 m/s
Survival wind speed:	52.5 m/s
Wind class (IEC):	IIIb
Rotor	
Diameter:	100.0 m
Swept area:	7,894.0 m ²
Number of blades:	3
Rotor speed, max:	15.7 U/min
Tipspeed:	82 m/s
Material:	Epoxy glass fibre
Power density 1:	253.4 W/m ²
Power density 2:	3.9 m ² /kW
Gear box	
Type:	spur/planetary
Stages:	3
Ratio:	0.121528
Generator	
Type:	doubly fed induction
Number:	1
Speed, max:	1,800.0 U/min
Voltage:	690.0 V

Grid connection:	IGBT
Grid frequency:	50.0 Hz
Tower	
Hub height:	80/92 m
Type:	Steel tube
Shape:	Conical
Corrosion protection:	Painted

The Specification of Burgula-II site are as follows:

Power	
Rated power:	800.0 kW
Cut-in wind speed:	3.0 m/s
Rated wind speed:	11.5 m/s
Cut-out wind speed:	28.0 m/s
Rotor	
Diameter:	52.9 m
Swept area:	2,007.0 m ²
Number of blades:	3
Rotor speed, max:	29.5 U/min
Tipspeed:	82 m/s
Material:	fiberglass-epoxy resin
Power density 1:	398.6 W/m ²
Power density 2:	2.5 m ² /kW
Gear box	
Type:	direct drive
Generator	
Type:	Synchronous
Number:	1
Speed, max:	29.5 U/min
Grid connection:	Inverters
Grid frequency:	WindWorld India
Tower	
Hub height:	74 m
Type:	Concrete
Shape:	Conical

Emission Reductions from anthropogenic sources:

The wind power generated from the Project is displacing the electricity generated from thermal power stations feeding into Indian grid and replacing the usage of diesel generators for meeting the power demand during shortage periods. Since, the wind power is Green House Gas (GHG)

emissions free, the power generated prevents the anthropogenic GHG emissions generated by the fossil fuel based thermal power stations comprising coal, diesel, furnace oil and gas. The estimation of GHG reductions by this project is limited to carbon dioxide (CO₂) only.

3.2 Deviations

3.2.1 Methodology Deviations

There is no any methodology deviation in the current monitoring period.

3.2.2 Project Description Deviations

There is no any project description deviation for the current monitoring period. However, there are few deviations approved in the previous verifications which are listed below-

Deviation-1: During the time of registration, project capacity for Burgula-II is registered as 10.4 MW which is a typo-error. The actual capacity for this site is 10.8 MW. This deviation doesn't impact the applicability of the methodology, additionality or the appropriateness of the baseline scenario. The actual capacity can be verified by commissioning certificates provided as well as PPAs signed for this project activity and deviation regarding the same has been approved during the monitoring period. This deviation was approved in monitoring period of 01-June-2021 to 28-February-2022.

Deviation 2: For Nidhi site the PPA is only for 23.8 MW and 39.1 MW. The electricity generated from rest 27.1 MW is sold through open access. But the invoices are generated for only the sites having PPA. Thus, PP is considering the JMR value for net electricity supplied to grid and for emission reduction calculations. There is no cross check possible due to difference in JMR and invoice values due to absence of invoice for 27.1 MW, hence only JMR value is considered for ER calculations. Hence month wise JMR and invoice is not matching. Since JMRs are issued by state electricity board and authentic, JMR values are considered for ER calculations. There is no material impact on ER calculations as primary source of data are correctly applied for ER calculations.

This deviation was approved in monitoring period of 01-June-2021 to 28-February-2022.

Deviation 3: For Bhesada site, the JMR is issued for 50.40 MW wind power project but the site in this project activity includes only 8.4 MW, hence the export and import values are apportioned for 8.4 MW using apportioning ratio 0.17.

This deviation was approved in monitoring period of 01-June-2021 to 28-February-2022.

Deviation 4: For Burgula -2, There are 6 WTGs in this site and only 2 were mentioned in registered PDMR, hence rest 4 are added during current verification along with the geocoordinates. However, this doesn't change the project capacity i.e 10.8 MW. The WTGID along with geo-coordinates for remaining added 4 WTGs are as follows:

S No.	WTG Location No.	Village	District	State	Latitude (N)	Longitude (E)
1	BRG-506	Burugula	Kurnool	Andhra Pradesh	15.14936	77.925586
2	BRG-556	Burugula	Kurnool	Andhra Pradesh	15.233479	77.96228
3	BRG-558	Burugula	Kurnool	Andhra Pradesh	15.236606	77.96491
4	BRG-559	Burugula	Kurnool	Andhra Pradesh	15.240287	77.96884

This deviation doesn't impact the applicability of the methodology, additionality or the appropriateness of the baseline scenario.

This deviation was approved in monitoring period 01-April-2022 to 30-June-2023.

3.3 Grouped Projects

The project is not a grouped project thus this is not applicable.

3.4 Baseline Reassessment

Did the project undergo baseline reassessment during the monitoring period?

☐ Yes ☒ No

4 DATA AND PARAMETERS

4.1 Data and Parameters Available at Validation

Data / Parameter	EF _{grid,OM,y}
Data unit	tCO ₂ /MWh
Description	Operating margin CO ₂ emission factor in year y
Source of data	Calculated from CEA database, Version 12 May 2017 ⁹
Value applied	0.9843
Justification of choice of data or description of	Calculated as per "Tool to calculate the emission factor for an electricity system, version 05" as 3-year generation weighted average using data for the years 2013-14, 2014-15 & 2015-16.

⁹ http://www.cea.nic.in/reports/others/thermal/tpece/cdm_co2/user_guide_ver12.pdf

measurement methods and procedures applied	The data are obtained from “CO2 Baseline Database for Indian Power Sector” version 12, published by the Central Electricity Authority, Ministry of Power, Government of India.
Purpose of data	Calculation of baseline emissions
Comments	This parameter is fixed ex-ante for the entire crediting period.

Data / Parameter	$EF_{grid,BM,y}$
Data unit	tCO ₂ /MWh
Description	Build Margin CO ₂ emission factor in year y
Source of data	Calculated from CEA database, version 12, May 2017 ¹⁰
Value applied	0.9083
Justification of choice of data or description of measurement methods and procedures applied	Calculated as per “Tool to calculate the emission factor for an electricity system, version 06” as per the latest data available for the most recent year 2015-16. The data is obtained from “CO2 Baseline Database for Indian Power Sector” version 12, published by the Central Electricity Authority, Ministry of Power, Government of India
Purpose of data	Calculation of baseline emissions
Comments	This parameter is fixed ex-ante for the entire crediting period

Data / Parameter	$EF_{grid,CM,y}$
Data unit	tCO ₂ /MWh
Description	Combined margin CO ₂ emission factor in year y
Source of data	Central Electricity Authority (CEA) of India Database Version 12, May 2017 ¹¹
Value applied	0.9653
Justification of choice of data or description of measurement methods and procedures applied	The combined margin emissions factor is calculated as follows: $EF_{grid,CM,y} = EF_{grid,OM,y} * W_{OM} + EF_{grid,BM,y} * W_{BM}$ Where: $EF_{grid,BM,y}$ = Build margin CO₂ emission factor in year y (tCO₂/MWh) $EF_{grid,OM,y}$ = Operating margin CO₂ emission factor in year y (tCO₂/MWh) W_{OM} = Weighting of operating margin emissions factor (%) = 75% W_{BM} = Weighting of build margin emissions factor (%) = 25%

¹⁰ http://www.cea.nic.in/reports/others/thermal/tpece/cdm_co2/user_guide_ver12.pdf

¹¹ As per approved PDD

Purpose of data	Calculation of baseline emissions
Comments	This parameter is fixed ex-ante for the entire crediting period.

4.2 Data and Parameters Monitored

Data / Parameter	EG _{PJ,y}
Data unit	MWh
Description	Quantity of net electricity generation supplied by the project (Wind plant/unit to the grid in year y
Source of data	Credit note/ JMR/Form B reports/ monthly generation report from respective state electricity board/Distribution Companies
Description of measurement methods and procedures to be applied	The value of net electricity generation supplied to the grid as per Monthly electricity form B /Credit Note or Joint Meter Reading Report forms the basis for calculation of the emission reductions; which can be cross checked from the invoice raised to DISCOM. Net electricity supplied to grid is calculated as the difference of the measured values of “export” and “import” of electricity through the dedicated SEB energy meter installed at the delivery point. Monthly meter readings are taken from the main and check meter installed at metering point and certified by the representatives of SEB Officials and the representatives of the project proponent for apportioning procedure refer section 4.3 Monitoring Plan
Frequency of monitoring/recording	Continuous monitoring, hourly measurement and at least monthly recording
Value monitored	813,563.00
Monitoring equipment	Monitoring: Bidirectional Tri vector meter is used Data type: Measured Type of meter: Static type meter (Main & Check). Both are Bidirectional meters. Class of meter: 0.2s
QA/QC procedures to be applied	The calibration of all the meters is undertaken at required intervals (once is five years as per CEA notification) and faulty meters if detected will be duly replaced immediately. The meters are of accuracy class 0.2s. The meter accuracy class and calibration interval are under purview of state electricity board and PP do not have any control on it. It is also noted that apportioning procedure is under control of state electricity board and PP do not have any control on it. The available parameter to PP is the net

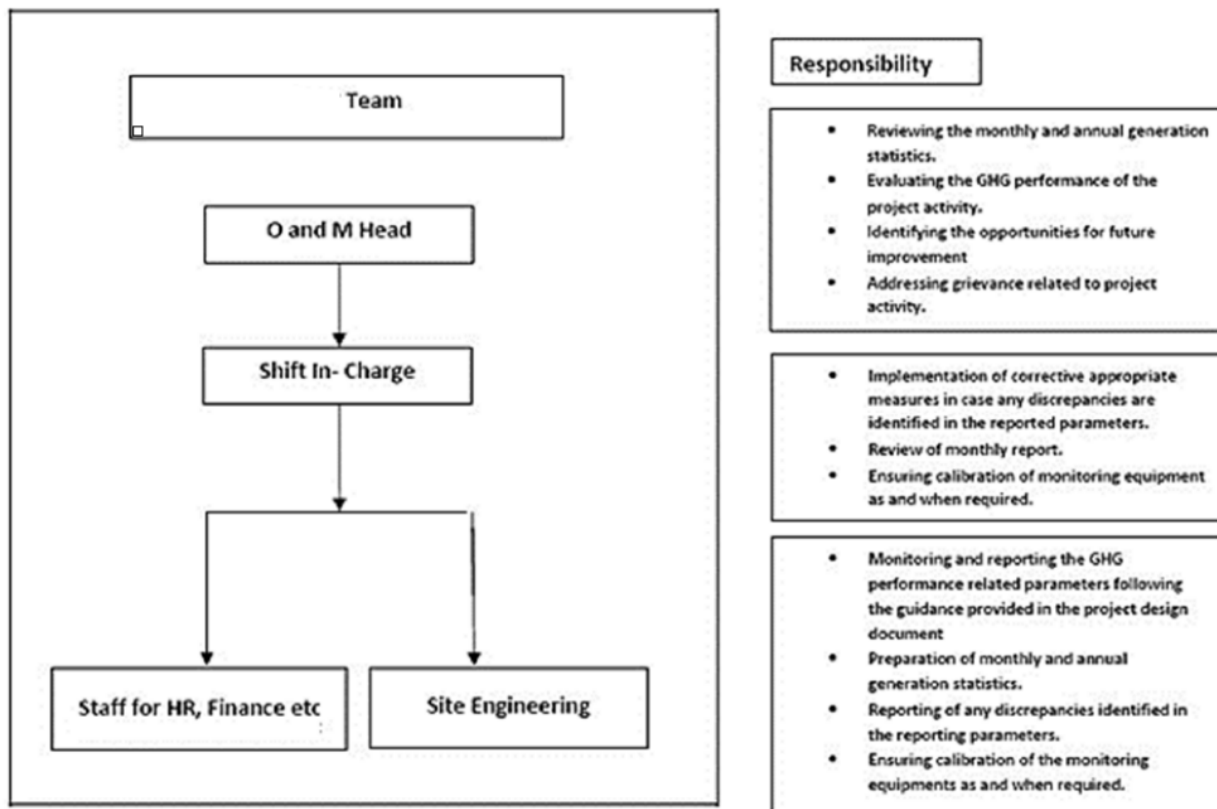
	electricity supplied to grid and same parameter is mentioned as monitoring parameter. For all sites (except Nidhi)- The Net electricity exported to the grid is cross checked against the invoice raised by the PP towards the DISCOM. For Nidhi site- The JMR is issued by state utility and includes generation for 23.8 MW and 39.1 MW. The electricity generated from rest 27.1 MW is sold through open access. But the invoices are generated for only the sites having PPA. Thus, PP is considering the JMR value for net electricity supplied to grid and for emission reduction calculations.
Purpose of the data	Calculation of baseline emissions.
Calculation method	-
Comments	The data would be archived electronically and maintained for the entire crediting period plus two years.

4.3 Monitoring Plan

The monitoring plan is developed in accordance with the modalities and procedures for VCS project activities and is proposed for grid-connected wind power project. The monitoring plan, which implemented by the project participant describes about the monitoring organization, parameters to be monitored, monitoring practices, quality assurance, quality control procedures, data storage and archiving. The monitoring includes all the equipment's that contribute towards reduction in GHG emissions. Since the project activity focuses mainly on the generation of renewable power from the WTGs, it is important to monitor all the equipment's involved in the metering of all the necessary instruments.

The monitoring plan has been prepared in accordance with the applied methodology, ACM0002 Version 17.0. The project investor has a well-defined management structure for monitoring the project activity.

The authority and responsibility for registration, monitoring, measurement, reporting and reviewing of the data rests with the project participant. PP follows the following structure for data monitoring, collection, data archiving and calibration of equipment for this project activity. The team comprises of the following members:



Data Measurement

For Rajasthan site (Bhesada)-

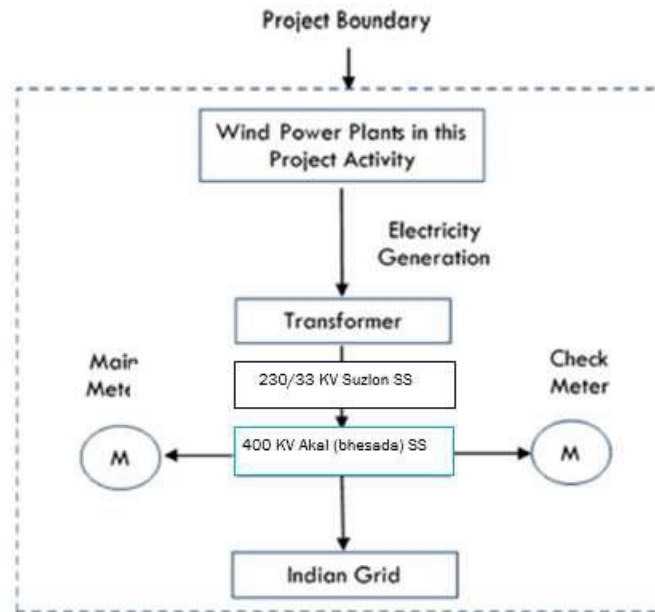
WTGs are connected feeder wise as follows-

Feeder	WTG ID
Feeder no.4	RSA 286, RSA 280
Feeder no.2	RSA 126 ,RSA 128

The voltage generated at WTG is 690 V and stepped to 33 KV. Further at substation voltage is stepped up to 220 KV. The export and import energy is measured continuously using Main and Check meters located at the 400 KV substations Akal (Bhesada). Readings of meters are taken on monthly basis by authorized officer of State Electricity Board in the presence of PP or representative of PP. Based on the Meter Reading Statement, invoices are raised. These invoices can be used for cross checking the meter readings taken for the respective project activity. The JMR is issued for 50.40 MW wind power project but the site in this project activity includes only 8.4 MW, hence the export and import values are apportioned for 8.4 MW using apportioning ratio 0.17 (based on DGR readings and approved deviation 03).

Net electricity supplied to grid is calculated as the difference of the measured values of “export” and “import” of electricity through the dedicated energy meter installed at 400 KV Akal (Bhesada)

Substation.



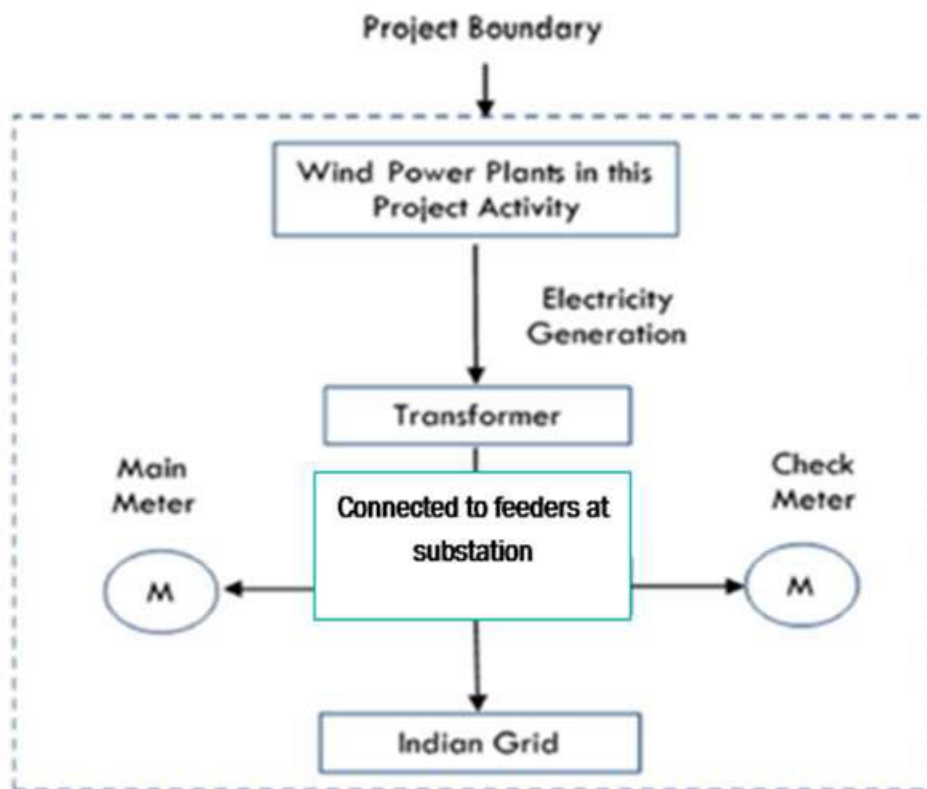
For Nidhi Site-

The WTGs are connected feeder wise at substation. The voltage generated at WTG is 690 Kvand is stepped up to 33 KV.The details for feeder wise connection are as follows.

Feeders	
Feeders 9	NDH-27, NDH-28, NDH-29, NDH-30, NDH-31, NDH-32, NDH-33,NDH-34,NDH- 35, NDH-36, NDH-37, NDH-38,NDH-39,NDH-44
Feeders 10	NDH-01, NDH-02, NDH-03,NDH-04,NDH-05,NDH-06,NDH-07,NDH-21,NDH-22, NDH-23,NDH-24,NDH-25,NDH-26,NDH-08,NDH-09,NDH-10, NDH-11, NDH-12, NDH-16,NDH-17, NDH-18, NDH-19, NDH-20.

The export and import energy is measured continuously using Main and Check meters located at the feeders at Nidhi 220 KV GSS substations where voltage is stepped up from 33 kv to 220 KV. Readings of meters are taken on monthly basis by authorized officer of SEB in the presence of PP or representative of PP. Based on the Meter Reading Statement, invoices are raised. These invoices can be used for cross checking the meter readings taken for the respective project activity. In feeder 09 the generation from feeder 03 (23.8 MW) and feeder 04 (39.1 MW) is connected but the bifurcation for feeder 03 is provided in the JMR. Net electricity supplied to grid

is calculated as the difference of the measured values of “export” and “import” of electricity through the dedicated energy meter installed at the substation.



For Madhya Pradesh Site (Nipaniya)-

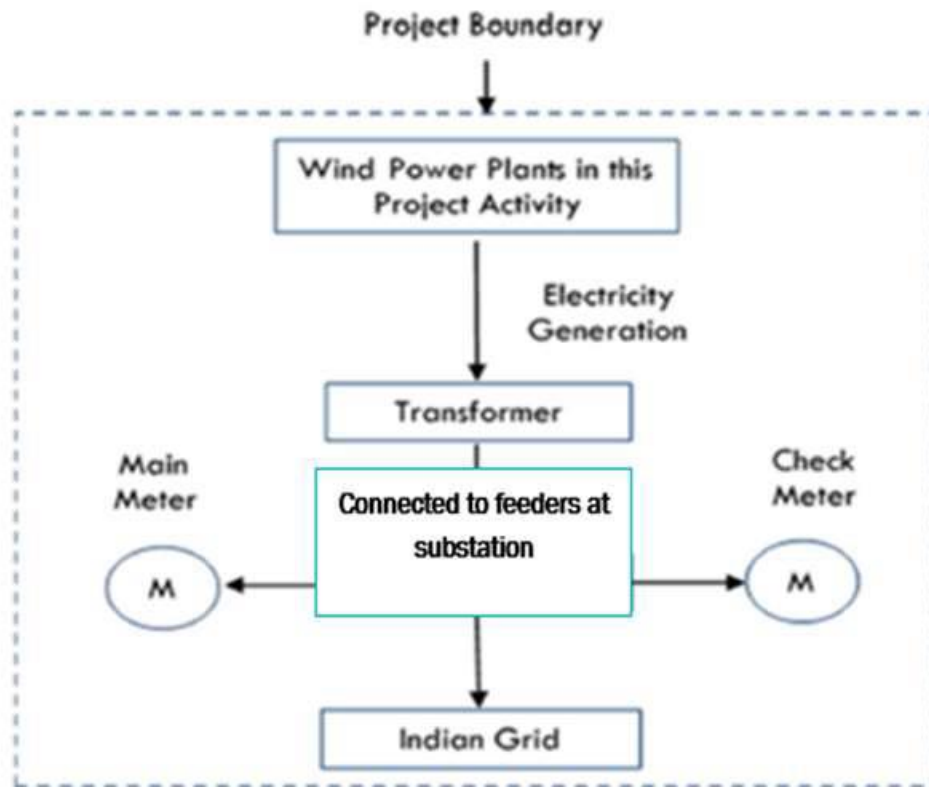
The voltage generated at hub is 690V and stepped up to 33 Kv and then at the substation voltage is stepped up to 220 KV. The WTGs are connected feeder wise at substation. The details for feeder wise connection are as follows.

Feeders	WTG Location
Feeders 4	NPY P3-112, NPYP3-114, NPYP3-116, NPYP3-117, NPYP3-120
Feeders 6	NPYP3-119, NPYP3-124, NPYP3-127, NPYP3-128, NPYP3-154, NPYP3- 157, NPYP58, NPYP59
Feeders 8	NPYP341, NPYP51

The export and import energy is measured continuously at high voltage end 220 KV using Main and Check meters located at the feeders at Nipaniya substations. Readings of meters are taken

on monthly basis by authorized officer of SEB in the presence of PP or representative of PP. Based on the Meter Reading Statement, invoices are raised. These invoices can be used for cross checking the meter readings taken for the respective project activity. Generation from WTGs of other project owner is provided in JMR along with WTG wise generation breakup.

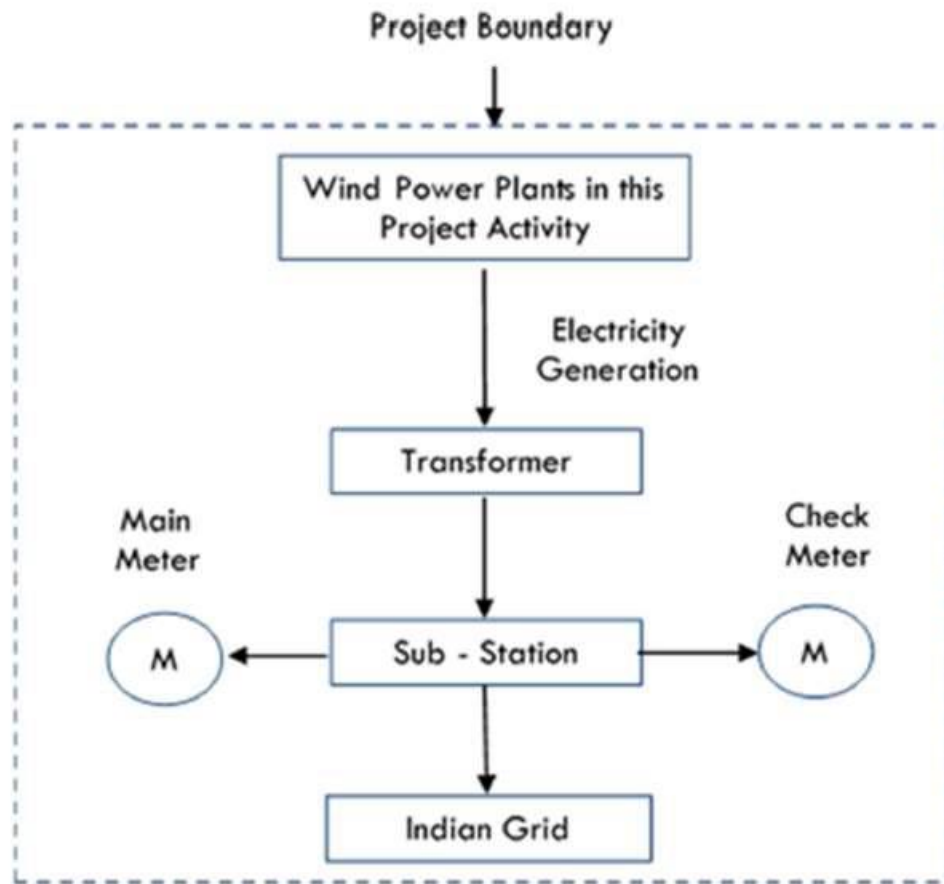
Net electricity supplied to grid is calculated as the difference of the measured values of “export” and “import” of electricity through the dedicated energy meter installed at the substation.



For Nazeerabad side-

The voltage generated at hub is 690V and stepped up to 33 Kv and then at the Pargi substation voltage is stepped up to 132 KV. The export and import energy is measured continuously using Main and Check meters located at the high voltage end of substations. Readings of meters are taken on monthly basis by authorized officer of SEB in the presence of PP or representative of PP. Based on the Meter Reading Statement, invoices are raised. These invoices can be used for cross checking the meter readings taken for the respective project activity.

Net electricity supplied to grid is calculated as the difference of the measured values of “export” and “import” of electricity through the dedicated energy meter installed at the substation.



Aspari-1 and Aspari-2

The feeder wise WTG connection is as follows:

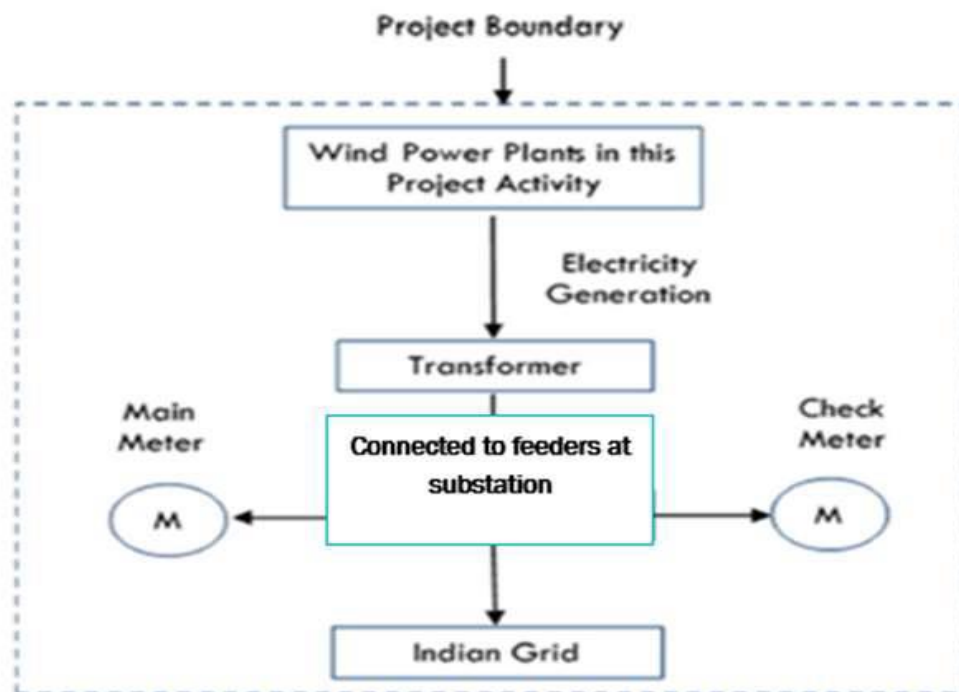
Aspari-1

Feeder	WTG ID
Feeder 1	ASP-005, ASP-006, ASP-007, ASP-008, ASP-001, ASP-002, ASP-003, ASP-93, ASP-94, ASP-95, ASP-139
Feeder 2	ASP-009, ASP-010, ASP-011, ASP-012, ASP-013, ASP-014, ASP-015, ASP-016, ASP-017, ASP-025, ASP-026, ASP-027, ASP-028
Feeder 3	ASP-030, ASP-031, ASP-032, ASP-033, ASP-088, ASP-089, ASP-090, ASP-091, ASP-092

Feeder 4	ASP-018, ASP-019, ASP-021, ASP-022, ASP-023, ASP-024, ASP-029, ASP-061, ASP-062, ASP-063, ASP-064, ASP-065, ASP-066, ASP-087
Feeder 5	ASP-035, ASP-036, ASP-037, ASP-038, ASP-039, ASP-042, ASP-043, ASP-044

Aspari-2

Feeder	WTG ID
Feeder 8	ASP0-40, ASP-071, ASP-072, ASP-073, ASP-074, ASP-0130, ASP-0131, ASP-0132, ASP-0138
Feeder 9	ASP-046, ASP-047, ASP-048, ASP-050, ASP-052, ASP-053, ASP-054, ASP-055
Feeder 10	ASP-081, ASP-082, ASP-083, ASP-084, ASP-086

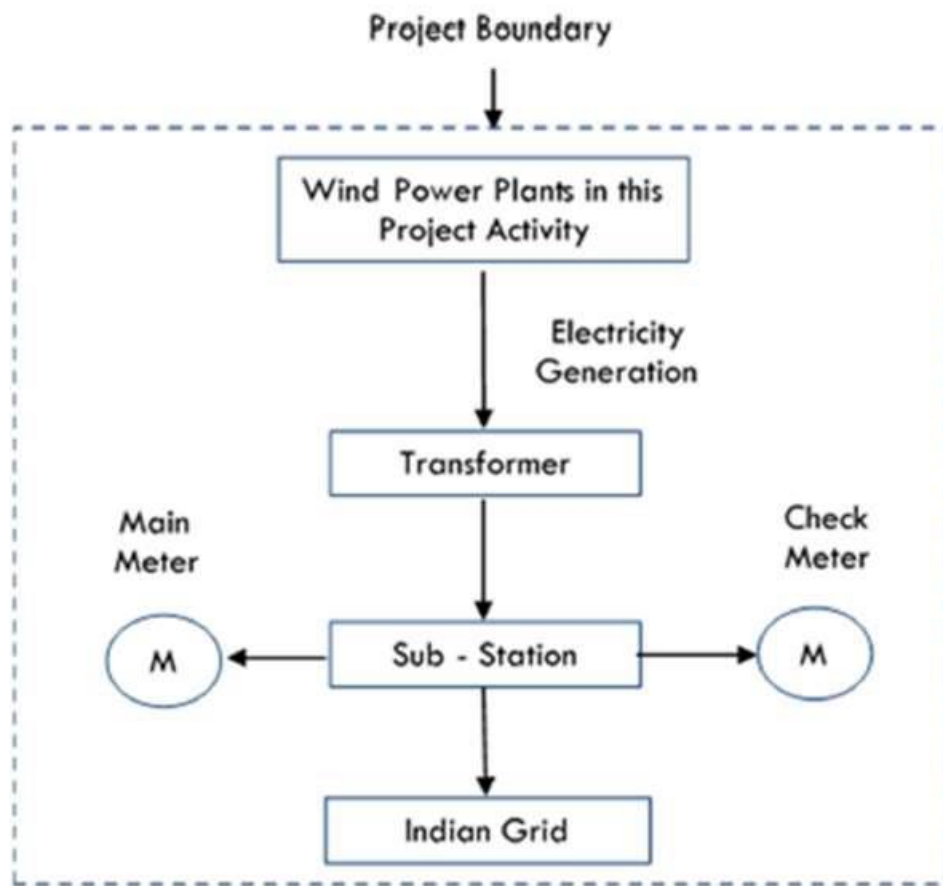


Metering system and monitoring plan:

- The voltage generated at hub is 690V and stepped up to 33 Kv and then at the substation voltage is stepped up to 220 KV.
- A Joint Meter Reading combined for project capacity is taken by the representatives of PP and Andhra Pradesh Power Transmission Corporation Limited at the high voltage side 220 KV of the step-up transformer installed at the substation at a particular date.
- In case the main metering system is not in service, then the check metering system is be used until the main system is back to service.
- Meter reading is jointly signed by both the representatives.
- The main and the check metering systems are sealed in presence of representatives of Power producers, and APTRANSCO.
- When any of these metering systems is found to be outside acceptable limits of accuracy or otherwise not functioning properly, it is repaired, recalibrated or replaced.
- PP raises a monthly energy bill/statement based on the JMR at the end of each calendar month and the payment by State Electricity Board is done on this basis. The billing and payment records are maintained by the PP.
- Calibration and Testing of Meters are done once in 5 years.
- Net electricity supplied to grid is calculated as the difference of the measured values of “export” and “import” of electricity through the dedicated energy meter installed at the substation.

Burgula-2:

The voltage generated at hub is 690V and stepped up to 11 Kv and then at the racharia substation voltage is stepped up to 33 KV. The export and import energy is measured continuously at high voltage end of substation using Main and Check meters located at the feeder 4 at Racherla substations. Readings of meters are taken on monthly basis by authorized officer of SEB in the presence of PP or representative of PP. Based on the Meter Reading Statement, invoices are raised. These invoices can be used for cross checking the meter readings taken for the respective project activity.



Pottipadu site-

The feeder wise details are given below-

The voltage generated at hub is 690V and stepped up to 33 Kv and then at the pooling substation voltage is stepped up to 220 KV.

33/220 KV Pooling substation, Vajrakarur (65.1 MW)

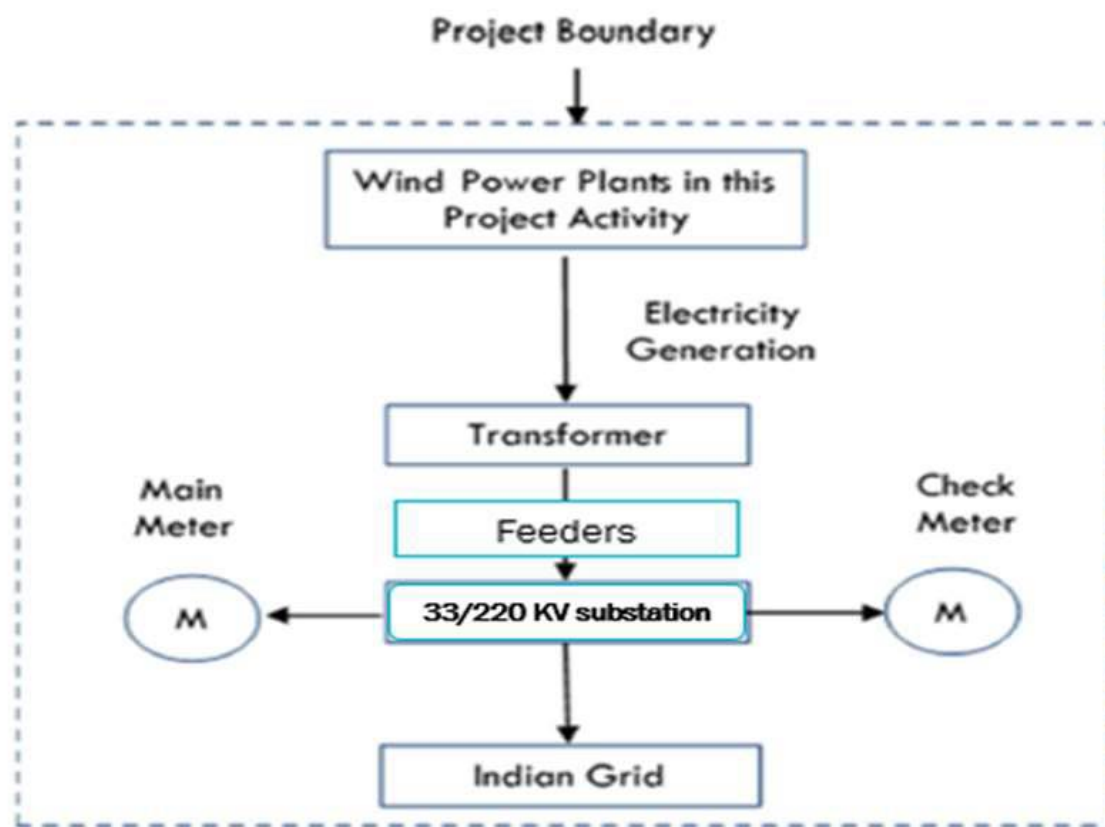
Feeder	WTG ids
Feeder 11	PPD001,PPD002,PPD005,PPD006,PPD011,PPD012,PPD013,PPD014 PPD015,PPD016
Feeder 12	PPD027,PPD028,PPD029,PPD030,PPD031,PPD032,PPD033, PPD034,PPD035,PPD044
Feeder 13	PPD038,PPD039,PPD040,PPD060,PPD061,PPD062,PPD063, PPD064.PPD073.PPD074.PPD075

The voltage generated at hub is 690V and stepped up to 33 Kv and then at the pooling substation voltage is stepped up to 220 KV. The export and import energy is measured continuously using above mentioned Main and Check meters located at the feeders at high voltage end 220 KV at respective substations as mentioned above. Readings of meters are taken on monthly basis by authorized officer of SEB in the presence of PP or representative of PP. Based on the Meter Reading Statement, invoices are raised. These invoices can be used for cross checking the meter readings taken for the respective project activity. Net electricity supplied to grid is calculated as the difference of the measured values of “export” and “import” of electricity.

132/33 KV Guntakal Govt SS.Direct connected (39.9 MW):

Feeder	WTG ids
Suzlon Feeder -1	PPD052,PPD055,PPD056,PPD057,PPD053,PPD45,PPD46,PPD47,PPD58
Suzlon Feeder -2	PPD76.PPD77.PPD78.PPD81.PPD82.PPD84.PPD85. PPD049.PPD050.PPD054

The voltage generated at hub is 690V and stepped up to 33 Kv and then at the government substation voltage is stepped up to 132 KV. The export and import energy is measured continuously using above mentioned Main and Check meters located at the feeders at high voltage end 132 KV at substation. Readings of meters are taken on monthly basis by authorized officer of State Electricity Board in the presence of PP or representative of PP. Based on the Meter Reading Statement, invoices are raised. These invoices can be used for cross checking the meter readings taken for the respective project activity. Net electricity supplied to grid is calculated as the difference of the measured values of “export” and “import” of electricity through the dedicated energy meter installed at the substation.



Data collection and archiving

Copies of the monthly break-up sheet, invoices raised on DISCOM and sales receipts will be retained and archived for the entire crediting period plus two years by the project investor. The period of storage of the monitored data will be 2 years after the end of crediting period or till the last issuance of VERs for the project activity whichever occurs later.

Emergency preparedness

The project activity does not result in any unidentified activity that can result in substantial emissions from the project activity. No need for emergency preparedness in data monitoring is visualized.

Personnel training

In order to ensure a proper functioning of the project activity and a properly monitoring of emission reductions, the staff is trained. The plant helpers are trained in equipment operation, data recording, reports writing, operation and maintenance and emergency procedures in compliance with the monitoring plan. Total 26 trainings were provided during the current monitoring period.

Apportioning

In case the dates of a particular monitoring period do not match with the dates of the billing cycle, the net electricity exported to the grid would be calculated from:

In the event when the individual verification period dates and billing cycle dates of the various WTGs in the project activity do not coincide, then the monitoring procedure is-

X : Sum of generation during partial days of the month recorded at controller meter (kWh)
source – Electronic/manual log book

Y : Total generation during the month recorded at controller meter (kWh/month)

$Z = X/Y$: Ratio

B : Net energy export by the WTG as per monthly report on generation and consumption

$Z*B$: Generation of partial days for calculating emission reductions (kWh)

QA/QC procedures:

Energy meters are calibrated once in a five year and faulty meter are duly replaced immediately. The entire responsibility of this task lies with the state utility. The meters have an accuracy class of at least 0.5s. State utility has an on-site testing & calibration arrangement; hence there is no need to dismantle the meter for calibration. In case the meters are found faulty and hard to calibrate against the prescribed accuracy class the meter will be replaced by the state utility. In very rare occasion when both main and backup meter fails, then standby/backup meter are used to take reading. Where, standby/backup meter is not present than in such scenario the daily generation reading taken at PP end will be referred. As per CEA guideline one of the faulty meters will be replaced immediately.

If during any of monthly measurement, main meter is found to be beyond permissible limit of error, then meter shall be calibrated immediately & the correction factor applicable for the main meter shall be used for energy computation at time of such test checks. For the period there after the measurements shall be continued in accordance with the calibrated main meter.

5 QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS

5.1 Baseline Emissions

As per the approved consolidated Methodology ACM0002 (Version 17.0, EB 89, Annex 1) para 44:

Baseline emissions include only CO₂ emissions from electricity generation in fossil fuel fired 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 baseline emissions are to be calculated as follows:

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

Where:

BE_y = Baseline Emissions in year y (tCO₂)

$EG_{PJ,y}$ = Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the CDM project activity in year y (MWh)

$EF_{grid,CM,y}$ = Combined margin CO₂ emission factor for grid connected power generation in year y calculated using the latest version of the TOOL 07 “Tool to calculate the emission factor for an electricity system” (tCO₂/MWh)

Baseline emission factor (EF_y):

$$EF_y = EF_{grid,CM,y} = 0.9653 \text{ tCO}_2/\text{MWh}$$

$$\text{Therefore } BE_y = 813,563.00 * 0.9653$$

$$BE_y = 785,323 \text{ tCO}_2\text{e (round down value)}$$

5.2 Project Emissions

As per Applied Methodology: ACM0002, v17.0,

The project activity is the installation of a new grid-connected Wind Power plant and does not involve any project emissions from fossil fuel, operation of dry, flash steam or binary geothermal power plants, and from water reservoirs of hydro power plants. Therefore $PE_{FF,y}$, $PE_{GP,y}$, $PE_{GP,y}$, $PE_{HP,y}$ are equal to zero and thus,

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

5.3 Leakage Emissions

As per Applied Methodology: ACM0002, v17.0,

No leakage emissions are considered. The main emissions potentially giving rise to leakage in the context of electric sector projects are emissions arising due to activities such as power plant construction and upstream emissions from fossil fuel use (e.g. extraction, processing, and transport). These emission sources are neglected.

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

5.4 GHG Emission Reductions and Carbon Dioxide Removals

The Formula used to calculate the net emission reduction for the project activity is

$$ER_y = BE_y - PE_y - LE_y$$

Where,

ER_y = Emission reductions in tCO₂/year

BE_y = Baseline emission in tCO₂/year

PE_y = Project emissions in tCO₂/year

LE_y = Leakage emissions in tCO₂/year

For the project activity during the current monitoring period,

$$BE_y = 785,323 \text{ tCO}_2\text{e}$$

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

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

Vintage period	Baseline emissions (tCO ₂ e)	Project emissions (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Reduction VCUs (tCO ₂ e)	Removal VCUs (tCO ₂ e)	Total VCUs (tCO ₂ e)
01-Jul-2023 to 31-Dec-2023	596,635	0	0	596,635	0	596,635
01-Jan-2024 to 31-Mar-2024	188,688	0	0	188,688	0	188,688
Total	785,323	0	0	785,323	0	785,323

Vintage period	Ex-ante estimated reductions/removals	Achieved reductions/removals	Percent difference	Explanation for the difference
01-Jul-2023 to 31-Dec-2023	464,434	596,635	28.46 %	The variation in GHG emission reductions can be attributed to increased electricity generation, indicated by a higher Plant Load Factor (PLF). This increase is influenced by

				factors such as wind flow patterns and the operational vintage period from only from 01-July-2023 to 31-December-2023.
01-Jan-2024 to 31-Mar-2024	229,692	188,688	-17.85 %	The variation in GHG emission reductions is attributed to lower electricity generation (i.e. lower Plant Load Factor (PLF) which is affected by the factors like wind flow pattern, grid availability, plant breakdowns.
Total	694,127	785,323	13.14 %	The variation in GHG emission reductions can be attributed to increased electricity generation, indicated by a higher Plant Load Factor (PLF). This increase is influenced by factors such as wind flow patterns. During the current monitoring period, the SDG impacts (7 & 13) are Higher than the estimated emission reductions and it is within the sensitivity range as per the approved PD. However, with the increase in the SDG parameter the IRR is not breaching the benchmark.

PLF Justification for current monitoring period: During the current monitoring period, the project witnessed an increase of 13.14 % in emission reductions as compared to ex-ante emissions, which is due to natural phenomena and nature dependent and cannot be controlled by the Project Proponent.

Though the emission reduction amount is higher during the current monitoring period but additionality of the project activity is not influenced as the PLF breaching value with respect to registered PD sensitivity analysis is below the breaching benchmark values.

Mytrah Vayu (Tungabhadra) Pvt. Ltd. and Mytrah Vayu (Krishna) Pvt. Ltd., have been identified as exceeding the sensitivity threshold. However, the additionality breaching value remains within the sensitivity breaching limits since the PLF calculation is based from the commissioning date. Since the PLF variation remains within the breaching limits, the higher emission reduction for the current monitoring period is justified. The scenarios are summarized in the table below:

PLF Justification for current monitoring period									
Name of the SPVs	Project Location	Observed PLF for current monitoring period	PLF at the time of Validation	PLF Variations	PLF Additionality Breaching Values as per sensitivity analysis	Additionality breached due to increased PLF	Observed PLF from commissioning date		Justification
Mytrah Vayu (Indravati) Pvt. Ltd.	Rajasthan	16.78%	19.90%	-15.69%	22.00%	No	NA	NA	Not Applicable, as for the current monitoring period, additionality breaching value is within sensitivity breaching limits.
	Andhra Pradesh	23.90%	21.90%	9.14%	23.63%	No			
		22.91%	21.90%	4.63%	23.63%	No			
Mytrah Vayu (Som) Pvt. Ltd.	Rajasthan	23.19%	20.70%	12.04%	16.80%	No			
	Madhya Pradesh	13.30%	19.70%	-32.46%	18.90%	No			
Mytrah Vayu (Godavari) Pvt. Ltd.	Telangana	27.22%	25.50%	6.75%	20.95%	No			
Mytrah Vayu (Krishna) Pvt. Ltd.	Andhra Pradesh	34.73%	19.50%	78.08%	23.83%	Yes	23.43%	No	No, the additionality breaching value falls within the sensitivity breaching limits, as the PLF calculation has been performed from the commissioning date.
Mytrah Vayu (Tungabhadra) Pvt. Ltd.	Andhra Pradesh	27.77%	21.50%	29.17%	22.63%	Yes	20.09%	No	

APPENDIX 1: COMMERCIALLY SENSITIVE INFORMATION

There is no any commercially sensitive information that has been excluded from the monitoring report.

Section	Information	Justification
NA	NA	NA

APPENDIX 2: METER CALIBRATION DETAILS

The main meter and Check meter details of Nazeerabad Site are as follows:

	Main Meter	Check Meter
Make	L&T	L&T
Meter No.	18128682	18128683
Accuracy Class	0.2 S	0.2 S
Calibration date Old	10-March-2021	10-March-2021
Calibration due date Old	09-March-2026	09-March-2026
Calibration frequency	5 years	5 years
Meter No.	18128682	18128683
Calibration date New	29-September-2023	29-September-2023
Calibration due date New	28-September-2028	28-September-2028

The Main meter and Check meter details of Pottipadu Site are as follows:

For 65.1 MW			
PPD-06 (21 MW)			
	Main meter	Check meter	Backup meter
Make	Secure	Secure	Secure
Meter Number	XC559930	XC559931	XC559924
Accuracy Class	0.2 S	0.2 S	0.2 S
Calibration date	24-December-2020	24-December-2020	20-December-2020
Calibration due date	23-December-2025	23-December-2025	23-December-2025
Calibration frequency	5 years	5 years	5 years
Meter Change Date	23-September-2023	23-September-2023	23-September-2023
Make	L&T	L&T	L&T
Type	ER300P	ER300P	ER300P
Meter No.	0023014900	0023014901	0023014902
Calibration date New	23-September-2023	23-September-2023	23-September-2023
Calibration due date New	22-September-2028	22-September-2028	22-September-2028

PPD-40			
	Main meter	Check meter	Backup meter
Make	Secure	Secure	Secure
Meter Number	XC559921	XC559922	XC559923
Accuracy Class	0.2 S	0.2 S	0.2 S
Calibration date	24-December-2020	24-December-2020	20-December-2020
Calibration due date	23-December-2025	23-December-2025	23-December-2025
Calibration frequency	5 years	5 years	5 years
Meter Change Date	23-September-2023	23-September-2023	23-September-2023
Make	L&T	L&T	L&T

Type	ER300P	ER300P	ER300P
Meter No.	0023014920	0023014921	0023014922
Calibration date New	23-September-2023	23-September-2023	23-September-2023
Calibration due date New	22-September-2028	22-September-2028	22-September-2028

PPD-35			
	Main meter	Check meter	Backup meter
Make	Secure	Secure	Secure
Meter Number	XC559932	XC559933	XC559934
Accuracy Class	0.2 S	0.2 S	0.2 S
Calibration date	21-December-2020	21-December-2020	21-December-2020
Calibration due date	20-December-2025	20-December-2025	20-December-2025
Calibration frequency	5 years	5 years	5 years
Meter Change Date	23-September-2023	23-September-2023	23-September-2023
Make	L&T	L&T	L&T
Type	ER300P	ER300P	ER300P
Meter No.	0023014903	0023009960	0023009961
Calibration date New	23-September-2023	23-September-2023	23-September-2023
Calibration due date New	22-September-2028	22-September-2028	22-September-2028

PPD-39.9 MW			
Feeder 01			
	Main meter	Check meter	Backup meter
Make	Secure	Secure	Secure
Meter Number	13720861	13720862	13720866
Accuracy Class	0.2 S	0.2 S	0.2 S
Calibration date	21-December-2020	21-December-2020	21-December-2020
Calibration due date	20-December-2025	20-December-2025	20-December-2025
Calibration frequency	5 years	5 years	5 years
Meter Change Date	23-September-2023	23-September-2023	23-September-2023
Make	L&T	L&T	L&T
Type	ER300P	ER300P	ER300P
Meter No.	0023009900	0023009901	0023009931
Calibration date New	23-September-2023	23-September-2023	23-September-2023
Calibration due date New	22-September-2028	22-September-2028	22-September-2028

Feeder 02			
	Main meter	Check meter	Backup meter
Make	Secure	Secure	Secure
Meter Number	13720867	13720868	13720872
Accuracy Class	0.2 S	0.2 S	0.2 S
Calibration date	21-December-2020	21-December-2020	21-December-2020
Calibration due date	20-December-2025	20-December-2025	20-December-2025

Calibration frequency	5 years	5 years	5 years
Meter Change Date	25-September-2023	25-September-2023	25-September-2023
Make	L&T	L&T	L&T
Type	ER300P	ER300P	ER300P
Meter No.	0023009902	0023009903	0023017563
Calibration date New	25-September-2023	25-September-2023	25-September-2023
Calibration due date New	24-September-2028	24-September-2028	24-September-2028

The Main meter and Check meter details of Nidhi Site are as follows:

Feeder 09		
	Main meter	Check meter
Make	Secure	Secure
Meter Number	RJB96159	RJB96160
Accuracy Class	0.2 S	0.2 S
Calibration date old	10-April-2021	10-April-2021
Calibration due date old	09-April-2026	09-April-2026
Calibration frequency	5 years	5 years
Calibration date New	21-June-2024	21-June-2024
Calibration due date New	20-June-2029	20-June-2029

Feeder 10		
	Main meter	Check meter
Make	Secure	Secure
Meter Number	RJB96157	RJB96158
Accuracy Class	0.2 S	0.2 S
Calibration date old	10-April-2021	10-April-2021
Calibration due date old	09-April-2026	09-April-2026
Calibration frequency	5 years	5 years
Calibration date New	21-June-2024	21-June-2024
Calibration due date New	20-June-2029	20-June-2029

The Main meter and Check meter details of Bhesada Site are as follows:

Feeder 02		
	Main meter	Check meter
Make	Secure	Secure
Meter Number	RJB78188	RJB78189
Accuracy Class	0.2 S	0.2 S
Calibration date	21-February-2021	21-February-2021
Calibration due date	20-February-2026	20-February-2026
Calibration frequency	5 years	5 years
Calibration date	17-May-2024	17-May-2024
Calibration due date	16-May-2029	16-May-2029

Feeder 03

	Main meter	Check meter
Make	Secure	Secure
Meter Number	RJB78194	RJB78200
Accuracy Class	0.2 S	0.2 S
Calibration date	21-February-2021	21-February-2021
Calibration due date	20-February-2026	20-February-2026
Calibration frequency	5 years	5 years
Calibration date	17-May-2024	17-May-2024
Calibration due date	16-May-2029	16-May-2029

Feeder 04		
	Main meter	Check meter
Make	Secure	Secure
Meter Number	RJB78201	RJB78203
Accuracy Class	0.2 S	0.2 S
Calibration date	21-February-2021	21-February-2021
Calibration due date	20-February-2026	20-February-2026
Calibration frequency	5 years	5 years
Calibration date	17-May-2024	17-May-2024
Calibration due date	16-May-2029	16-May-2029

The Main meter and Check meter details of Aspari Site are as follows:

Aspari -I		
	Main meter	Check meter
Make	Secure	Secure
Meter Number	APX01010	APX01011
Accuracy Class	0.2 S	0.2 S
Calibration date	18-December-2020	18-December-2020
Calibration due date	17-December-2025	17-December-2025
Calibration frequency	5 years	5 years

Meter Change Date : 11-April-2023		
	Main meter	Check meter
Make	Schneider Electric India Private Limited	Schneider Electric India Private Limited
Meter Number	0023005775	0023005776
Accuracy Class	0.2 S	0.2 S
Calibration date	11-April-2023	11-April-2023
Calibration due date	10-April-2028	10-April-2028
Calibration frequency	5 years	5 years

Aspari-II		
	Main meter	Check meter
Make	L&T	Secure
Meter Number	APX01012	APX01013

Accuracy Class	0.2 S	0.2 S
Calibration date	18-December-2020	18-December-2020
Calibration due date	17-December-2025	17-December-2025
Calibration frequency	5 years	5 years

Meter Change Date: 11-April-2023		
	Main meter	Check meter
Make	Schneider Electric India Private Limited	Schneider Electric India Private Limited
Meter Number	0023005778	0023005779
Accuracy Class	0.2 S	0.2 S
Calibration date	11-April-2023	11-April-2023
Calibration due date	10-April-2028	10-April-2028
Calibration frequency	5 years	5 years

The Main meter and Check meter details of Burgulla Site are as follows:

Burulla-II		
	Main meter	Check meter
Make	L&T	Secure
Meter Number	APX017021	APX017022
Accuracy Class	0.2 S	0.2 S
Calibration date	22-December-2020	22-December-2020
Calibration due date	21-December-2025	21-December-2025
Calibration frequency	5 years	5 years
Meter Change date	11-April-2023	

	Main meter	Check meter
Make	L&T	Secure
Meter Number	0023005787	0023005788
Accuracy Class	0.2 S	0.2 S
Calibration date	11-April-2023	11-April-2023
Calibration due date	10-April-2028	10-April-2028
Calibration frequency	5 years	5 years

The Main meter and Check meter details of Nipaniya Site are as follows:

	Main meter	Check meter
Make	Secure	Secure
Meter Number	MPC70479	MPC70480
Accuracy Class	0.2 S	0.2 S
Calibration date	18-December-2020	18-December-2020
Calibration due date	17-December-2025	17-December-2025
Calibration frequency	5 years	5 years
Meter Change Date	12-October-2022	

	Main meter	Check meter
Make	Secure	Secure
Meter Number	Q0603879	Q0603880
Accuracy Class	0.2 S	0.2 S
Calibration date	12-October-2022	12-October-2022
Calibration due date	11-October-2027	11-October-2027
Calibration frequency	5 years	5 years

	Main meter	Check meter
Make	Secure	Secure
Meter Number	MPC70481	MPC70482
Accuracy Class	0.2 S	0.2 S
Calibration date	18-December-2020	18-December-2020
Calibration due date	17-December-2025	17-December-2025
Calibration frequency	5 years	5 years
Meter Change Date	12-October-2022	

	Main meter	Check meter
Make	Secure	Secure
Meter Number	Q0603881	Q0603882
Accuracy Class	0.2 S	0.2 S
Calibration date	12-October-2022	12-October-2022
Calibration due date	11-October-2027	11-October-2027
Calibration frequency	5 years	5 years

APPENDIX 3: BREAKDOWN DETAILS

The breakdown details for the current monitoring period are listed below:

Generation Date	Breakdown remark	Breakdown Hours
5-July-2023	Regular maintenance	24:00
15-July-2023	Mech Gear Oil Filter Choked	24:00
20-August-2023	CLS Generator Lubrication	24:00
08-September-2023	Regular maintenance	24:00
10-October-2023	CLS Pitch Slew Ring Lubrication	24:00

25-November-2023	Pitch Resolver Encoder Stop	24:00
13-January-2024	Regular maintenance	24:00
25-March-2024	CLS Generator Lubrication	9:00

APPENDIX 4: COMMISSIONING DETAILS

The commissioning details of the WTG installed in the project activity is as such -

The commissioning details for the Bhesada project site is given below:

Location No	Commissioning Date
RSA 126	30-December-2015
RSA 128	30-December-2015
RSA 286	30-December-2015
RSA 280	30-December-2015

The commissioning details for the Pottipadu project site is given below:

Location No	Commissioning Date
PPD-045	31-December-2015
PPD-046	31-December-2015
PPD-047	31-December-2015
PPD-058	31-December-2015
PPD-076	31-December-2015
PPD-078	31-December-2015
PPD-081	31-December-2015
PPD-082	31-December-2015
PPD-084	31-December-2015
PPD-085	31-December-2015
PPD-052	05-March-2016
PPD-055	05-March-2016
PPD-056	05-March-2016
PPD-057	05-March-2016
PPD-001	06- March -2016
PPD-002	06- March -2016
PPD-005	06- March -2016
PPD-006	06- March -2016
PPD-011	06- March -2016
PPD-012	06- March -2016
PPD-013	06- March -2016
PPD-014	06- March -2016
PPD-015	06- March -2016
PPD-016	06- March -2016
PPD-038	06- March -2016
PPD-039	06- March -2016
PPD-040	06- March -2016
PPD-060	06- March -2016
PPD-061	06- March -2016
PPD-062	06- March -2016
PPD-063	06- March -2016
PPD-064	06- March -2016
PPD-073	06- March -2016
PPD-074	06- March -2016
PPD-075	06- March -2016
PPD-049	26- March -2016
PPD-050	26- March -2016
PPD-053	26- March -2016

PPD-054	26- March -2016
PPD-027	27-March-2016
PPD-028	27-March-2016
PPD-029	27-March-2016
PPD-030	27-March-2016
PPD-031	27-March-2016
PPD-032	27-March-2016
PPD-033	27-March-2016
PPD-034	27-March-2016
PPD-035	27-March-2016
PPD-044	27-March-2016

The commissioning details for the Nidhi project site is given below:

Location No.	Commissioning Date
NDH 01	31-March-2016
NDH 02	31-March-2016
NDH 03	31-March-2016
NDH 04	31-March-2016
NDH 05	31-March-2016
NDH 06	31-March-2016
NDH 07	31-March-2016
NDH 21	31-March-2016
NDH 22	31-March-2016
NDH 23	31-March-2016
NDH 24	31-March-2016
NDH 25	31-March-2016
NDH 26	31-March-2016
NDH 08	31-March-2016
NDH 09	31-March-2016
NDH 10	31-March-2016
NDH 11	31-March-2016
NDH 12	31-March-2016
NDH 16	31-March-2016
NDH 17	31-March-2016
NDH 18	31-March-2016
NDH 19	31-March-2016
NDH 20	31-March-2016
NDH 27	31-March-2016
NDH 28	31-March-2016
NDH 29	31-March-2016
NDH 30	31-March-2016
NDH 31	31-March-2016
NDH 32	31-March-2016
NDH 33	31-March-2016
NDH 34	31-March-2016
NDH 35	31-March-2016
NDH 36	31-March-2016
NDH 37	31-March-2016
NDH 38	31-March-2016
NDH 39	31-March-2016
NDH 44	31-March-2016
NDH 13	21-July-2020

NDH 14	21-July-2020
NDH 15	21-July-2020
NDH 40	21-July-2020
NDH 41	21-July-2020
NDH 42	21-July-2020
NDH 43	21-July-2020
NDH 45	21-July-2020
NDH 46	21-July-2020
NDH 47	21-July-2020
NDH 49	21-July-2020
NDH 50	21-July-2020
NDH 51	21-July-2020
NDH 52	21-July-2020
NDH 53	21-July-2020

The commissioning details for the Nipaniya project site is given below:

Location No.	Commissioning Date
NPY-P-58	19-March-2016
NPY-P3-41	19-March-2016
NPY-P3-41	19-March-2016
NPY-P3-114	19-March-2016
NPY-P3-116	19-March-2016
NPY-P3-117	19-March-2016
NPY-P3-120	20-January-2016
NPY-P3-127	19-March-2016
NPY-P-59	19-March-2016
NPY-P3-157	19-March-2016
NPY-P3-112	27-March-2016
NPY-P3-124	29-March-2016
NPY-P3-154	29-March-2016
NPY-P3-119	19-March-2016
NPY-P-51	29-March-2016
NPY-P3-128	27-March-2016

The commissioning details for the Nazeerabad project site is given below:

Location No	Commissioning Date
NRB-2	27-March-2016
NRB-3	27-March-2016
NRB-4	27-March-2016
NRB-5	27-March-2016
NRB-6	27-March-2016
NRB-15	27-March-2016
NRB-14	27-March-2016
NRB-16	27-March-2016
NRB-17	27-March-2016
NRB-26	27-March-2016
NRB-28	27-March-2016
NRB-31	27-March-2016
NRB-34	27-March-2016
NRB-40	27-March-2016
NRB-41	27-March-2016
NRB-43	27-March-2016

NRB-35	27-March-2016
NRB-72	27-March-2016
NRB-49	27-March-2016
NRB-56	27-March-2016
NRB-58	27-March-2016
NRB-57	27-March-2016
NRB-54	31-March-2016
NRB-30	31-March-2016
NRB-62	31-March-2016
NRB-07	31-March-2016
NRB-44	31-March-2016
NRB-71	31-March-2016
NRB-36	31-March-2016
NRB-63	31-March-2016
NRB-19	31-March-2016
NRB-69	31-March-2016
NRB-23	31-March-2016
NRB-22	31-March-2016
NRB-01	31-March-2016
NRB-64	31-March-2016
NRB-27	31-March-2016
NRB-11	31-May-2016
NRB-39	31-May-2016
NRB-24	31-May-2016
NRB-29	31-May-2016
NRB-18	31-May-2016
NRB-66	31-May-2016
NRB-60	31-May-2016
NRB-68	31-May-2016
NRB-67	31-May-2016
NRB-20	31-May-2016
NRB-48	06-March-2017

The commissioning details for the Burgula-II project site is given below:

Location No	Commissioning date
BRG-552	30-March-2017
BRG-553	30-March-2017
BRG-506	03-March-2018
BRG-556	26-February-2018
BRG-558	26-February-2018
BRG-559	26-February-2018

The commissioning details for the Aspari-I project site is given below:

Location No	Commissioning date
ASP-5	15-October-2016
ASP-6	15-October-2016
ASP-7	15-October-2016
ASP-8	15-October-2016
ASP-9	15-October-2016
ASP-10	15-October-2016
ASP-11	15-October-2016
ASP-12	15-October-2016

ASP-13	15-October-2016
ASP-14	15-October-2016
ASP-15	15-October-2016
ASP-16	15-October-2016
ASP-17	15-October-2016
ASP-18	15-October-2016
ASP-19	15-October-2016
ASP-20	15-October-2016
ASP-21	15-October-2016
ASP-22	15-October-2016
ASP-23	15-October-2016
ASP-24	15-October-2016
ASP-25	15-October-2016
ASP-26	15-October-2016
ASP-27	15-October-2016
ASP-28	15-October-2016
ASP-29	15-October-2016
ASP-61	15-October-2016
ASP-62	15-October-2016
ASP-63	15-October-2016
ASP-64	15-October-2016
ASP-65	15-October-2016
ASP-66	15-October-2016
ASP-31	20- October-2016
ASP-30	20- October-2016
ASP-87	20- October-2016
ASP-33	20- October-2016
ASP-90	20- October-2016
ASP-32	20- October-2016
ASP-88	20- October-2016
ASP-89	20- October-2016
ASP-43	20- October-2016
ASP-36	20- October-2016
ASP-42	20- October-2016
ASP-35	20- October-2016
ASP-37	20- October-2016
ASP-91	20- October-2016
ASP-92	20- October-2016
ASP-38	20- October-2016
ASP-39	20- October-2016

The commissioning details for the Aspari-II project site is given below:

Location No	Commissioning date
ASP-1	16-March-2017
ASP-2	16-March-2017
ASP-3	16-March-2017
ASP-44	16-March-2017
ASP-139	16-March-2017
ASP-93	16-March-2017
ASP-94	16-March-2017
ASP-95	16-March-2017
ASP-53	25- March-2017

ASP-54	25- March-2017
ASP-50	25- March-2017
ASP-40	25- March-2017
ASP-71	25- March-2017
ASP-72	25- March-2017
ASP-46	25- March-2017
ASP-73	25- March-2017
ASP-81	25- March-2017
ASP-86	25- March-2017
ASP-84	25- March-2017
ASP-55	25- March-2017
ASP-130	25- March-2017
ASP-138	25- March-2017
ASP-131	25- March-2017
ASP-132	25- March-2017
ASP-82	25- March-2017
ASP-83	25- March-2017
ASP-47	25- March-2017
ASP-48	25- March-2017
ASP-74	25- March-2017
ASP-52	25- March-2017