



BUNDLED WIND POWER PROJECT BY MYTRAH GROUP



By KBS Certification Services Pvt. Ltd.

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Summary:

KBS Certification Services Pvt. Ltd. has been contracted by, “EKI Energy Services LIMITED” to undertake 4th verification and certification for the greenhouse gas (GHG) emission reductions reported from ‘Bundled Wind Power Project by Mytrah Group’ with regard to the relevant requirements of VCS Standard, Version 4.1. The project is registered with VERRA with project ID 1728¹. Current monitoring period is 01-April-2020 to 31-May-2021 (Inclusive of both days), under the crediting period 30-December-2015 to 29-December-2025.

The project has total installed capacity of 493.9 MW. It involves operation of 253 Wind Turbine Generators (WTGs) with varied capacities, located in Andhra Pradesh, Madhya Pradesh, Rajasthan and Telangana states of India.

The Project activity is a greenfield project and the purpose of the project activity is to generate electricity by the utilization of wind velocity. The generated electrical energy is sold to respective state utilities under the National Grid of India.

All WTGs in the project has been operational since commissioning. Start date of the project activity is 30-December-2015, on this day 1st WTG of the project was commissioned as per the commissioning certificates/09/.

The verification is based on the VCS PD/3/, Monitoring report (MR)/1.2/, Emission reduction calculation spread sheet (ER sheet)/2.2/, proof of title, proof of right, additional documents related to baseline and monitoring methodology; the subsequent background investigation, follow-up interviews and supporting documents made available to the verification team by project proponent.

This is the 4th monitoring under VCS and covers the activity from 01-April-2020 to 31-May-2021 (inclusive of both dates). The total emission reductions achieved for the project activity during the monitoring period has been 842,554 tCO₂e. The crediting period for VCS began on 30-December-2015 and will end on 29-December-2025. An undertaking from the project participant confirms that project will not claim any other scheme benefits for the concerned monitoring period.

A risk based approach has been followed to perform the verification of the project activity. In the course of verification, 01 Corrective Action Requests (CARs) and 01 Clarification Requests (CLs) have

¹ <https://registry.verra.org/app/projectDetail/VCS/1728>

been raised. All the CARs and CLs have been closed out successfully. No FAR has been raised during previous and current verification.

It is our responsibility to express an independent GHG verification opinion on the GHG emissions and on the calculation of GHG emission reductions from the project for the period 01-April-2020 to 31-May-2021 (Inclusive of both days) based on the reported emission reductions in the final monitoring report version 03 dated 11-October-2021 for the same period.

Based on an understanding of the risks associated with reporting GHG emissions data and the controls in place to mitigate these, KBS planned and performed our work to obtain the information and explanations that we considered necessary to provide sufficient evidence for us to give reasonable assurance that this reported amount of GHG emission reductions for the period is fairly stated.

As a result of the verification, the verification team confirms that:

- The project fulfils criteria of VCS Standard Version 4.1/4/.
- The project is in line with all relevant VCS requirements as per VCS Programme guide version 4.0/05/
- Relevant decisions, clarifications and guidance from the CMP and the CDM Executive Board and VCS Association;
- All information and references relevant to the project activity resulting in emission reductions;

The monitoring is transparent, adequate and in line with applied baseline and monitoring methodology of ACM0002: Grid-connected electricity generation from renewable sources — Version 17.0/10/.

Based on the information seen and evaluated we confirm that the implementation of the project has resulted in 842,554 tCO_{2e} (round down value) emission reductions during the monitoring period 01-April-2020 to 31-May-2021 (Inclusive of both days), under the crediting period 30-December-2015 to 29-December-2025.

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1 INTRODUCTION

1.1 Objective

KBS Certification Services Pvt. Ltd. has been contracted by, “EKI ENERGY SERVICES LIMITED” to undertake verification and certification for the greenhouse gas (GHG) emission reductions reported from ‘Bundled Wind Power Project by Mytrah Group’. The verification and certification is based on the initial monitoring report/1.1/, with regard to the relevant requirements of VCS Standard Version 4.1. The monitoring period for the project activity is 01-April-2020 to 31-May-2021 (Inclusive of both days), under the crediting period 30-December-2015 to 29-December-2025.

The VCS project must undergo an independent third-party verification and certification of emission reductions as the basis for issuance of Voluntary Emission Reductions (VERs).

The objectives of this verification exercise are, by review of objective evidence, to establish that:

- The project activity has been implemented and operated as per the project description (PD) and that all physical features (technology, project equipment, and monitoring and metering equipment) of the project are in place;
- Monitoring report and other supporting documents are complete;
- The data is recorded and stored as per the monitoring methodology and approved monitoring plan.
- To confirm that the monitoring system is implemented and fully functional to generate Voluntary Emission Reductions (VERs/VCUs) without any double counting, and
- To establish that the data reported are accurate, complete, consistent, transparent and free of material error or omission by checking the monitoring records and the emissions reduction calculation.

1.2 Scope and Criteria

The verification scope is defined as an independent and objective review of monitoring report, CDM and VCS project description (VCS PD), including the monitored data, and other relevant documents made available to verifier and information collected through performing interviews during Remote assessment (interviews) of the project activity.

The project is assessed against the requirements of VCS standard version 4.1 and related rules and guidance. KBS has, based on the recommendations in the latest version of Verified Carbon standard, and employed a rule-based approach (as criteria) in the verification, focusing on the identification of significant reporting rules and the reliability of project monitoring.

The aspects to be covered under the purview of verification are:

- Ensure that the project activity has been implemented and operated as per the registered VCS PD and that all physical features (technology, project equipment, and monitoring and metering equipment) of the project are in place as per the documents provided by the client and during remote audit;
- Ensure that the monitoring report and other supporting documents provided are complete.
- Ensure that the practiced monitoring system and procedures comply with the monitoring systems and procedures described in the monitoring plan and the approved CDM methodology.

- Evaluate the data recorded and stored are as per the monitoring methodology.

1.3 Level of Assurance

☒ Reasonable level of assurance

The verification is based on the VCS PD, MR, proof of title, proof of right, additional documents related to baseline and monitoring methodology, the subsequent background investigation, monitoring plan, follow-up interviews and supporting documents made available to the verification team by project proponent. The information in these documents is reviewed against the requirements of VCS Standard Version 4.1. KBS has employed a risk-based approach in the verification, focusing on the identification of significant risks for project implementation and the generation of Emission Reductions.

The items covered in the verification are described below:

- Criteria of VCS Version 4.1 (VCS Program guide Version 4.0 & VCS Standard Version 4.1)
- Criteria of CDM approved methodology, ACM0002- Version 17.0
- VCS Monitoring Report
- Monitoring Plan
- Background investigation and follow up interviews
- Stakeholder feedback
- Registered VCS PD and Validation Report
- Project's compliance with other relevant rules, including the project country (India) legislation and assurance to stakeholders of the quality

Furthermore, the verification team used additional documentation by third parties like host party legislation, technical reports referring to the project design or to the basic conditions and technical data available on public domain. A desk review is carried out to assess the following:

- Compliance with relevant law and regulations
- Stakeholder comments (If any)
- Proof of title
- Site location map
- Technical specifications of turbines, meters etc.
- Power Purchase Agreement
- Commissioning Certificates
- Remote auditing (17-June-2021) for verification
- Invoices
- Export/Import data records
- Calibration Certificates

The verification team has checked all the above-mentioned details and confirms that all the information provided is accurate.

Through the remote interview, host country rule and regulations related to project activity, Project description, technological measures, Implementation, Operation, Management of project activity and Training of personnel, Baseline and Monitoring plan, Stakeholder consultation etc. has been checked and found appropriate.

KBS applies the risk-based approach aimed at focusing on high risk issues to the verification results whilst not omitting any part of the mandatory processes. A few discrepancies were found during the verification and the findings were submitted to the project proponent, indicated under the titles corrective action requests (CARs) and clarification requests (CLs). CARs and CLs require the PP to take relevant actions.

Hence the above steps were followed for achieving the level of assurance in verification report. Based on the process and procedures conducted, KBS confirms that the information in the MR:

- is materially correct and is a fair representation of the actual project details, and
- is prepared in accordance with VCS requirements/4//5/ and the applied CDM methodology/10/ for information pertaining to GHG qualification, monitoring and reporting.

The verification work is carried out as per this requirement and the verification opinion is assured, provided the credibility of all above. Details are presented in the Verification statement in section 5 below.

1.4 Summary Description of the Project

The project activity involves installation of Wind Turbine Generators (WTGs). The total installed capacity of the project is 493.9 MW. Details of the installation of project in respective state is as follow

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

The project activity has been operational since commissioning (30-December-2015) and during the monitoring period i.e. from 01-April-2020 to 31-May-2021 (Inclusive of both days), it has generated 872,848 MWh net electricity, thereby resulting in emission reduction of 842,554 tCO_{2e}. The monitoring period subject to this monitoring report is inclusive of first and last day of period.

During the remote audit inspection/11/, location (as mentioned in section 1.7 of MR) and all the technical aspects of the project activity (equipment, serial no., type, date of calibration etc.) mentioned in the VCS PD/03/ have been verified. The same was also crosschecked during the

desk review of supporting documents like technical specifications/06/, Power Purchase Agreements/08/ and commissioning certificates/09/.

Project entity information as verified is presented below:

Item	Data
Project Entities	Mytrah Vayu (Indravati) Pvt. Ltd. Mytrah Vayu (Som) Pvt. Ltd. Mytrah Vayu (Godavari) Pvt. Ltd. Mytrah Vayu (Krishna) Pvt. Ltd. Mytrah Vayu (Tungabhadra) Pvt. Ltd. (Project Owners)
	EKI Energy Services Limited (Project consultant)

2 VERIFICATION PROCESS

2.1 Method and Criteria

The verification process was carried out in line with the requirements of VCS Version 4.1. In addition, the verification team followed the guidelines of the CDM Validation and Verification Standard. Standard auditing techniques and KBS's CDM Procedures were also applied during the verification. A risk-based approach was followed to carry out verification and access all the factors and concerns that relate to the issuance of emission reductions from a project activity. They include:

- Identification of all the sources contributing to the project emissions and emission reductions.
- Authenticity of the provided data is checked.
- A risk-based analysis is carried out to ensure a clear and transparent assessment. The risks involved in this process are mainly with the informational flows and data recording.

KBS follows a risk-based verification approach, wherein a desk review of the project documentation is undertaken, which is followed by a remote discussion/video inspection by the members of verification team. The verification protocol is filled by the verification team that is based on standard auditing practices and VCS requirements. The verification protocol provides transparent means to record the observations by the verification team members and the non-conformities, if any. The verification protocol is an internal document, and available on request.

Duration of Verification:

Verification Contract	15-May-2021
Remote audit	17-June-2021 (Justification section 2.4 below)
Draft Verification Report	07-October-2021
Final Verification Report	14-October-2021

2.2 Document Review

A desk review is undertaken, involving but not limited to,

- A review of the data and information presented to verify their completeness;
- A review of the monitoring plan and monitoring methodology, paying particular attention to the frequency of measurements, the quality of metering equipment including calibration requirements, and the quality assurance and quality control procedures;
- An evaluation of data management and the quality assurance and quality control system in the context of their influence on the generation and reporting of emission reductions.

The list of documents reviewed is included in the section 'References'.

2.3 Interviews

Please refer section 2.4, where complete list of interviewed personnel and key points discussed is provided.

2.4 Site Inspections

As a result of the COVID-19 pandemic, taking into account the rules of relevant national and local authorities (local to the VVB offices as well as to locality of the site visits), World Health Organization (WHO) recommendations, policies of the VVB, email clarification for Verra guidance on site visits, notification of Covid-19 Travel Guidance for Projects <https://verra.org/covid-19-travel-guidance/> and other relevant travel restrictions and guidance (for example, a requirement to self-isolate upon return from specific countries), the VVB has skipped the on-site visit. Further Email from VERRA dated 24-March-2020 from "Andrew Beauchamp" has been referred as per which *"The VCS Program does not explicitly mandate site visits as part of the validation and verification process, only that VVBs must achieve a reasonable level of assurance on all validations and verifications (per Section 4.1.2 of the VCS Standard, v4.0). Therefore, where a VVB can achieve a reasonable level of assurance without conducting a site visit, or through a remote site visit, this is in conformance with the VCS rules, and no request for an exemption or pre-approval from Verra is required. However, where a validation/verification has been conducted without a site visit, or through a remote site visit, please ensure that the applicable section of the validation/verification report includes a discussion of how a reasonable level of assurance was achieved without an in-person site visit"*.

Hence, the VVB has used other standard auditing techniques for validation or verification as referred to in VCS Rules/requirements, VCS Validation and Verification Manual version 3.2.

Verification team has used the following alternative means for its assessment and to justify that they are sufficient for the purpose of verification. Along with desk review, audit team has conducted remote audit interview as follows:

- A complete desk review of the MR, as well as all applicable country legal requirement and supportive evidences have been checked by the verification team.
- Verification team has performed Zoom Application interview with PP in order to check implementation, project boundary, current situation, monitoring and metering equipment, monitoring procedures, calibration etc.
- Cross-check evaluation, for information received from interviews, under the scope of all information and references provided in MR and supporting documents.
- A check of the monitoring equipment including performance and observations of monitoring practices against the requirements of the registered VCS and the selected methodology.

Details of interviewees, topics covered and additional information are presented below:

Dates:	17-June-2021 (Remote audit through Zoom application)	
Key points discussed:	Name of person, interviewed	Designation, Organization
Operational data, breakdown events, Calibration, Data collection, QA/QC procedures, Calculation of ERs	Babasaheb Sayambar	O and M manager, Mytrah group
	Anjali Rao	Manager, EKI Energy Services Limited

2.5 Resolution of Findings

KBS applies the risk-based approach aimed at focusing on high risk issues to the verification results whilst not omitting any part of the mandatory processes. A few discrepancies were found during the verification and the verification report was submitted to the project proponent, indicated under the titles corrective action requests (CARs) and clarification requests (CLs). CARs and CLs require the PP to take relevant actions. Criteria for judging items as CAR or CL are as follows:

Corrective action request (CAR):

- the project participants have made mistakes that will influence the ability of the project activity to achieve real, measurable additional emission reductions
- the Voluntary Carbon Standard's requirements have not been met, or
- there is a risk that emission reductions cannot be monitored or calculated.

Clarification request (CL):

- Information is insufficient or not sufficiently clear to determine whether the applicable VCS requirements have been met.

FAR (Forward Action Request):

- FARs is to be raised to highlight issues related to project implementation that require review during the first verification of the project activity. FARs does not relate to VCS requirements for registration.

CARs and CLs are to be resolved or closed out if the PP modifies the project description, rectifies the MR or provides adequate additional explanations or evidence that satisfies the concerns. If this is not completed, the project activity cannot be recommended for issuance under VCS registry.

The monitoring report was revised addressing the CARs & CLs issued by KBS. After reviewing the revised and resubmitted MR/1.2/; resolving the CARs & CLs raised and outstanding concerns, KBS issues this final verification report and opinion.

01 CARs and 01 CL were found during verification and closed satisfactorily. The list of CARs/CLs raised and the response provided, the means of verification, reasons for their closure and references to correction in the MR are provided in appendix II of this report. The revised MR with changes incorporated as per the issues raised were rechecked with the documentary evidences and found to be inline.

2.5.1 Forward Action Requests

This is 4th verification and no FAR has been raised during previous verification and current verification. Refer to Appendix II for further details.

2.6 Eligibility for Validation Activities

KBS conducted the verification activity; the validation was performed by the other VVB. KBS has a valid UNFCCC accreditation in the Sectoral scope from UNFCCC.

3 VALIDATION FINDINGS

3.1 Participation under Other GHG Programs

The project activity has not availed GHG emissions reductions from any other GHG program and there will not be any double accounting for the same.

3.2 Methodology Deviations

The verification team confirms that the registered PDD complies with the requirements in the applied monitoring methodology ACM0002 Version 17.0.

The following tools have been used for the project activity under consideration –

- Tool to calculate the emission factor for an electricity system, version 06.0²
- Tool for the demonstration and assessment of additionality, version 07.0.0³

Therefore, no methodology deviations are applied during the monitoring period.

3.3 Project Description Deviations

PP had requested a deviation during previous monitoring period which is now invalid and a new deviation has been requested for current monitoring period:

- Project deviation requested during previous monitoring period:

During previous monitoring period, PP had applied a deviation in monitoring plan as, 27.1 MW WTGs from Nidhi site, Rajasthan were not commissioned out of total capacity due to regulatory issues. These WTGs were commissioned on 21/07/2020 which is confirmed based on commissioning certificates/9/. Hence, this deviation is now not required.

- Project deviation requested during current monitoring period:

At the time of Project registration with VERRA, project capacity for Burgulla-II was registered as 10.4 MW which PP accepts as a typographical error. The actual capacity for this site is 10.8 MW.

The assessment team has confirmed that the actual installed capacity for this site is 10.8 MW based on Joint Meter Readings and Power Purchase Agreements (PPAs). The PPAs for the site were amended/7/ on 22-March-2017 and 01-March-2018 i.e. prior to commissioning of WTGs. The commissioning scheduled is provided below which was cross checked with commissioning certificates/9/.

² <https://cdm.unfccc.int/methodologies/PAMethodologies/tools/am-tool-07-v6.pdf>

³ <https://cdm.unfccc.int/methodologies/PAMethodologies/tools/am-tool-01-v7.0.0.pdf>

Location No	WTG capacity	Commissioning date	Original PPA date	Amended PPA date
BRG-552	0.8 MW	30-March-2017	05-March-2016	22-March-2017
BRG-553	0.8 MW	30-March-2017	05-March-2016	22-March-2017
BRG-506	2.3 MW	03-March-2018	05-March-2016	01-March-2018
BRG-556	2.3 MW	26-February-2018	05-March-2016	22-March-2017
BRG-558	2.3 MW	26-February-2018	05-March-2016	22-March-2017
BRG-559	2.3 MW	26-February-2018	05-March-2016	22-March-2017

As the amended PPA were signed prior to commissioning of WTGs, the revised project capacity from 10.4 MW to 10.8 MW is accepted to the assessment team. The deviation doesn't impact the applicability of the methodology, additionality of the project activity and is in accordance with the VCS standard version 4.1.

As the applied deviation is valid and do not have impact on the scale, methodology, additionality and monitoring of the project activity and thus accepted by the assessment team.

3.4 Grouped Project

The project is not a grouped project. Therefore, this section is not applicable.

4 VERIFICATION FINDINGS

4.1 Project Implementation Status

The project activity is in operation stage as evidenced by the remote site inspection. All the physical components and project boundary are in conformity with the description in registered VCS PD. The project locations and project equipment capacities have been confirmed during the remote inspection, also through the technical specifications/06/ and found in-compliance with the registered VCS PD. The project locations which were verified using Google map software of all WTGs are provided in Appendix IV. The 1st WTG of the project activity was commissioned on 30-December-2015 as per commissioning certificates/09/. The commissioning dates of all WTGs are provided in Appendix V. Verification team has checked the commissioning certificates and confirms that the commissioning dates for the WTGs are correct. The breakdown details submitted by PP, which are mentioned in the appendix II of MR for all project sites, were checked and confirmed during remote audit.

On the basis of the remote inspection and the reviewed project documentation like the technical specifications, photographs of energy meters and wind turbines/06/, power purchase agreement and O&M Contract/08/, commissioning certificates /09/, calibration certificates of energy meters/13/ and invoices/14/ etc. the verification team confirms that the project was implemented and operated as described in the registered VCS PD.

Further, the verification team confirms that-

- There is no any material discrepancy between project implementation and the project description in the registered VCS PD.
- The monitoring plan is completely implemented and is suitable with actual monitoring system (i.e., process and schedule for obtaining, recording, compiling and analysing the monitored data and parameters)

- The project activity is availing GHG emission reductions for only one program and there will not be any double accounting for the same.
- There is no methodology deviation applied to this project.

The total generation capacity of the project activity is 493.9 MW which was verified during the remote audit.

Further it was noticed that during the monitoring period the project activity operated under normal conditions and no significant event that may have impact on monitoring of GHG emission reductions was observed. Same has been checked from the operational data during remote auditing.

Ownership and other programs:

PP has declared that the project is registered in VCS, and will avail GHG emissions reductions for only one program and there will not be any double accounting for the same; thus emission reductions generated by project will be solely claimed by PP and PP has the right of use, which is acceptable. Net GHG emission reductions or removals generated by this project will not be used for compliance with an emissions trading program or to meet binding limits on GHG emissions as the host country i.e. India is not a participant in any emission trading programs or nor does it have any binding limits.

Sustainable Development Contributions:

As confirmed during the remote audit, the project displaces electricity produced in fossil fuel based power plants, by using clean renewable source to generate electricity and thereby contributes to sustainable development through reduction in greenhouse gas (GHG) emissions. It has also been confirmed that the project implementation has led in significant environmental and socio-economic benefits (as stated in section 1.11 of the submitted MR) and contributes to the social, economic, technological and environmental well-being. The project supplies clean, affordable and renewable energy (872,848 MWh net electricity under the current monitoring period) without reliance on fossil fuels for generation of electricity to meet the growing demands in the region. Also, the project implementation is providing employment to the locals with a decent and secure work environment by reducing emissions otherwise generated by the operation of fossil fuel based power plants and would lead to promotion of wind based power generation and to encourage other entrepreneurs to participate in similar projects as well.

Management and operational system:

Verification team was able to verify that authorities and responsibilities/15/ for monitoring and reporting of all data related to the emission reductions were clearly defined for the monitoring period from 01-April-2020 to 31-May-2021 (Inclusive of both days).

The allocation of the responsibilities is documented in a written form and is followed as described in the registered VCS PD. Routines for the archiving of data are defined and documented.

The monitoring plan described in the section 4.3 of the MR/1.2/ is confirmed to be correct. All the parameters of the monitoring plan are monitored using appropriate metering system.

The verification team has interviewed the plant personnel/11/ who was involved in the monitoring of the parameters that are used to determine the emission reductions of the VCS project. It is confirmed based on the interview that the plant team is competent enough to monitor the parameters as described in the monitoring plan.

As discussed above, the verification team concludes that management and operational system of the project is implemented and operated well. Thus, it ensures the quality of data which is required in calculating the emission reductions.

Implementation status of the monitoring plan:

Verification team confirms through remote inspection and from the document review like PPAs, Commissioning certificates, calibration certificates, Invoices that, the actual monitoring system complies with the monitoring plan mentioned in the registered VCS PD/3/ and there is no deviation in monitoring plan, procedures, and the equipments.

During the verification, all relevant monitoring parameters of the registered monitoring plan have been verified with regard to the appropriateness of the verification method; the correctness of the values applied for ER calculation, the accuracy and applied QA/QC measures. All monitoring parameters have been measured / determined without material misstatements and are in line with all applicable standards and relevant requirements. It is confirmed that the monitoring mechanism is effective and reliable.

Therefore, from the document review and remote inspection, it is confirmed that all the parameters were monitored in accordance with the registered monitoring plan during the monitoring period. Following are the details of monitoring in accordance with the monitoring plan of the registered VCS PD:

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	Verification team confirms that the data has been measured directly from energy meters and recorded on Joint Meter Reading (JMR) / form B / Credit Note generated by State electricity utility/12/ which contains export and import. The value was crosschecked with the invoices raise by PP to the respective state utilities for the complete monitoring period.
Description of measurement methods and procedures to be applied	During the remote inspection and through document review, it has been confirmed that 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. It was confirmed that, monthly meter readings are taken from the main and check meters installed at the substation and certified by the representatives of SEB Officials and the representatives of the project proponent. The calculation of net electricity supplied to grid is under purview of state electricity board and PP does not have control on it. Electricity apportioning method is mentioned in section 4.3 of revised MR /1.2/ which is checked and found ok.

Frequency of monitoring-recording	Continuous monitoring, hourly measurement and at least monthly recording as verified by the verification team through remote assessment.
Value monitored	872,848 MWh
Monitoring equipment	During the remote inspection and through document review, it has been confirmed that the data has been monitored continuously by electronic tri-vector meters with accuracy class 0.2s (for both – main and check). These meters measure both, export and import of electricity at the State Electricity Board (SEB) substation. One set of main and check meter provided at each feeder, measures electricity delivered by the Project Activity. The meters are monitored on continuous basis and cumulative readings are taken on an agreed date once in a month through Joint Meter Reading procedure. All the energy meters are under control of respective state utilities and sealed by them. The calibration details of energy meters are provided in Appendix VI. The meters are required to be calibrated once in five years as per CEA notification. Meters are calibrated by the state meter testing division of the state utility in the presence of O & M contractor/PP representative and the state utilities officials to ensure the working of meter within permissible error. Calibration details of the monitoring meters checked with calibration certificates provided by PP and found that calibration frequency of once in 5 years is complied. Both the meters are in compliance with the host country calibration regulations and is confirmed that they have valid calibrations during the entire monitoring period.
QA-QC procedures to be applied	The generation values has been cross-checked with the invoices/14/ and were found to be consistent. It was confirmed through remote inspection that calibration at required intervals is followed and faulty meters are replaced immediately.
Purpose of the data	Calculation of baseline emissions
Calculation method	It was confirmed that, the value of net electricity generation supplied to the grid is directly sourced from the monthly electricity form B (JMRs) which contains the export and import which are recorded through dedicated SEB energy meter installed at the delivery point.
Comments	As confirmed during the remote inspection, the electricity generation is measured at sub-station end as net electricity supplied to the grid, available through

	Joint Meter Reading (JMR) reports and can be cross-checked through invoices raised to respective state utilities.
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Finding: CL 01 and CAR 01 were raised and successfully closed. Refer to appendix II for further details.

Opinion:

The verification team confirms that

- The project activity has been implemented and operated as per the registered VCS PD and that all physical features (technology, project equipment, and monitoring and metering equipment) of the project are in place, as per the documents provided by the PP and remote audit;
- The monitoring complies with the requirement of the applied methodology;
- The information inflow (from data generation, aggregation, to recording, calculation and reporting) is included above under each parameter and confirms to the requirement of the registered VCS PD;
- The values included in the monitoring report/1.2/ and corresponding emission reduction sheet/2.2/ are verified and included under each monitoring parameter.

4.2 Safeguards

4.2.1 No Net Harm

The project activity is grid connected wind power plant and does not involve any negative impact. Verification team confirms it based on its local and sectoral expertise.

4.2.2 Local Stakeholder Consultation

The local stakeholder consultation meetings for the project activity were conducted at Project location sites which were validated during the registration of project activity in VCS. VCS validation report/3/ was verified to confirm the same. Also, PP has placed grievance/feedback register at the project site to get feedback on the project from stakeholders. Assessment team checked documentary evidence/17/ and confirms that there is no any grievance of stakeholders during the current monitoring period.

4.3 AFOLU-Specific Safeguards

This is not an AFOLU project.

4.4 Accuracy of GHG Emission Reduction and Removal Calculations

The verification team has reviewed the emission reduction (ER) spread sheet and checked all the formulae and verified them to be correct and in line with the monitoring plan of the registered VCS PD and the applied monitoring methodology.

All the monitored parameters are described above in section 4.1. All the ex-ante parameters which are used in the calculation of emission reduction are presented in section 4.1 of the MR transparently. It is confirmed that all the ex-ante parameters have been correctly used in the emission reduction calculation.

Baseline emissions:

The baseline emissions (BE_y) are calculated based on the following formula:

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

Where:

BE_y = Baseline emissions in year y (tCO_2/yr)

$EG_{PJ,y}$ = Net Electricity exported to grid (MWh)

$EF_{grid,CM,y}$ = Baseline Emission Factor (Combined margin CO_2 emission factor for grid)

The baseline emission factor in year y (tCO_2/MWh), is fixed ex-ante for the duration of the crediting period, and is $0.9653 tCO_{2e}/MWh$.

Therefore,

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

$$BE_y = 872,848 \times 0.9653$$

$$BE_y = 842,554 tCO_{2e} \text{ (round down value)}$$

It is noted that the formula and calculation used for baseline emission calculation in the monitoring report and ER sheet is in compliance with the registered VCS PD. The default values and data used in the monitoring report/1.2/ is in-line with the registered VCS PD/3/. Hence, it is acceptable to the verification team.

Project Emissions:

As per the applied methodology, the PE_y in case of a wind power project is considered zero. Hence, $PE_y = 0$ is acceptable to the verification team.

Leakage:

As per the applied methodology and as defined in the registered VCS PD, no leakage is considered in the project activity and the same is followed in this monitoring period also. Thus, it is in compliance with the VCS PD.

The following are the ex-ante parameters used in the ER calculation which are in compliance with registered VCS PD:

Parameter	Description	Source/Justification
$EF_{grid,OM,y}$ tCO_2/MWh	Operating margin CO_2 emission factor for National grid in the year y	Calculated as per ACM0002 with 3 years vintages (2013-14,2014-15,2015-16) data obtained from "CO ₂ Baseline Database for Indian Power Sector" version 12.0 published by Central Electricity Authority, Ministry of Power, Government of India; which is based on "Tool to calculate emission factor for an electricity system, version 06.0". The value 0.9843 is used for the calculation of the Baseline Emission and is found to be consistent with the registered VCS PD/03/.
$EF_{grid,BM,y}$	This is the build margin for the	Calculated as per ACM0002, for the latest year 2015-16 data obtained from "CO ₂ Baseline Database for Indian

tCO ₂ /MWh	National grid of India	Power Sector” version 12.0 published by Central Electricity Authority, Ministry of Power, Government of India; which is based on “Tool to calculate emission factor for an electricity system, version 06.0”. The value 0.9083 is used for the calculation of the Baseline Emission and is found to be consistent with the registered VCS PD/03/.
EF _{grid,CM,y} tCO ₂ /MWh	This is the combined margin for the National grid of India	Combined margin emission factor has been calculated by the Central Electricity Authority in accordance with CDM methodology: ACM0002 and tool to calculate the emission factor for an electricity system The value 0.9653 is used for the calculation of the Baseline Emission and is found to be consistent with the registered VCS PD/03/.

According to the applied methodology, the conservativeness of the achieved emission reduction was checked and the detailed emission reduction calculation has been transparently provided in the ER sheet. All the formulae and the calculation procedure were checked by the verification team. In the opinion of verification team, the assumptions, emission factors and default values that were applied in the calculations have been justified. Also, the verification team confirms that there were no manual transposition errors between the data sets in the ER Sheet/2.2/ during the current monitoring period. It is confirmed that the data has been measured directly from meters and it was cross checked from the joint meter readings and the invoices raised to state electricity utilities and was able to verify the same.

Finding: No findings were raised.

Opinion: The verification team confirms;

- The monitoring plan has been implemented as per the registered VCS PD/03/;
- The monitoring complies with the requirement of the applied methodology/10/;
- The information inflow (from data generation, aggregation, to recording, calculation and reporting) is included above under each parameter and confirms to the requirement of registered VCS PD;
- The values included in the monitoring report/1.2/ and corresponding emission reduction sheet/2.2/ are verified and included under each monitoring parameter, wherever appropriate.

4.5 Quality of Evidence to Determine GHG Emission Reductions and Removals

All relevant documents were checked to assess the correctness and quality of data submitted by the project participants, which are used to determine emission reductions.

All records needed for monitoring are archived in line with the requirements of the registered monitoring plan. No significant lack of evidence and missing data were detected during remote audit discussion and video inspection/11/. Hence, the verification team confirms that the monitoring system ensures required quality of the monitoring system to ensure the quality of the monitored data. All internal data are subjected to QA/QC measures. The monitoring parameters have been measured / determined without material mis-statements and is in line with all applicable standards and relevant requirements. The information inflow (from data

generation, aggregation, to recording, calculation and reporting) is included in section 4.1 under each parameter and confirms to the requirement of the registered VCS PD. The export and import data is measured by the electricity meters, recorded continuously and the invoices are generated monthly. The data is then reported annually through VCS Monitoring Report as verified by the verification team through remote assessment.

It was also verified through remote audit inspection that the plant's team involved in the monitoring of project activity is well experienced. Hence, the verification team concludes that competent staff is employed by the project proponent to carry out the relevant tasks with sufficient accuracy. Furthermore, it was confirmed during remote audit discussion that internal training program for the monitoring staff is conducted on regular basis.

4.6 Non-Permanence Risk Analysis

Not applicable to the project activity.

5 VERIFICATION CONCLUSION

KBS Certification Services Pvt. Ltd. has been commissioned by 'EKI ENERGY SERVICES LIMITED' to perform verification of its registered VCS project 'BUNDLED WIND POWER PROJECT BY MYTRAH GROUP', for the monitoring period 01-April-2020 to 31-May-2021 (Inclusive of both days), under the crediting period 30-December-2015 to 29-December-2025, with regard to the relevant requirements of VCS Standard Version 4.1.

The management of the 'EKI ENERGY SERVICES LIMITED' is responsible for the preparation of the GHG emissions data and the reported GHG emissions reductions on the basis set out within the project final Monitoring Report version 03 dated 11-October-2021. The calculation and determination of GHG emission reductions from the project is the responsibility of the management of the 'EKI ENERGY SERVICES LIMITED'. The development and maintenance of records and reporting procedures are in accordance with the Monitoring Report version 03 dated 11-October-2021.

It is our responsibility to express an independent GHG verification opinion on the GHG emissions and on the calculation of GHG emission reductions from the project for the period 01-April-2020 to 31-May-2021 (Inclusive of both days) based on the reported emission reductions in the final Monitoring Report version 03 dated 11-October-2021 for the same period.

As a result of the verification, the verification team confirms that:

- All operations of the project are implemented and installed as planned and described in the project description.
- The monitoring system is in place and functional.
- The installed equipment essential for generating emission reductions runs reliably.
- The GHG emission reductions are calculated without material misstatements in a conservative and appropriate manner.

Based on an understanding of the risks associated with reporting GHG emissions data and the controls in place to mitigate these, KBS planned and performed our work to obtain the information and explanations that we considered necessary to provide sufficient evidence for us to give reasonable assurance that this reported amount of GHG emission reductions for the period is fairly stated.

Verification period: From 01-April-2020 to 31-May-2021 (Inclusive of both days)

Verified GHG emission reductions and removals in the above verification period:

Year	Baseline emissions removals (tCO ₂ e)	or	Project emissions removals (tCO ₂ e)	or	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
01-April-2020 to 31-December- 2020	581,558		0		0	581,558
01-January- 2021 to 31-May- 2021	260,996		0		0	260,996
Total	842,554		0		0	842,554

Location: Faridabad

Date: 14-October-2021



Authorized Signatory: Kaushal Goyal

Designation: Managing Director

KBS Certification Services Pvt. Ltd.

APPENDIX I: REFERENCES

/1/	/1.1/ Monitoring Report, version 01, dated 12-June-2021 (Initial Version) /1.2/ Monitoring Report, version 03 dated 11-October-2021 (Final Version)
/2/	/2.1/ Emission Reduction calculation sheet, version 01 dated 12-June-2021 (corresponding to initial Version of VCS MR) /2.2/ Emissions Reduction calculation Sheet, version 03 dated 11-October-2021 (corresponding to final Version of VCS MR)
/3/	- Registered Joint VCS-PD & MR, version 03 dated 20-December-2017 - Joint Validation & Verification report, version 02 dated 21-December-2017
/4/	VCS Standard version 4.1
/5/	VCS Programme guide version 4.0
/6/	Technical specifications/photographs of turbines, energy meters etc.
/7/	Amended Power Purchase Agreements for Burgula site
/8/	Power purchase agreement for the WTGs Operation and maintenance contracts
/9/	Commissioning Certificates for the WTGs installed
/10/	ACM0002: Grid-connected electricity generation from renewable sources - Version 17.0
/11/	Remote auditing (17-June-2021) for verification of measuring and monitoring procedure, - Video recordings & snapshots of the project site/equipment's - Interviews and data/log review
/12/	Joint Meter Readings/Form B/ Credit notes for the entire monitoring period 01-April-2020 to 31-May-2021
/13/	Calibration Certificates for main meters and check meters
/14/	Invoices raised during the monitoring period 01-April-2020 to 31-May-2021
/15/	Organization structure/chart
/16/	Supportive for avoidance of double counting dated 06-August-2021
/17/	Grievance registers at the project locations
/18/	Breakdown details for the monitoring period

APPENDIX II: FINDINGS

Summary of findings	CAR	CL	FAR
	01	01	00

Table 1. Remaining FAR from validation and/or previous verifications

FAR ID	xx	Section no.	xx	Date: DD/MM/YYYY
Description of FAR				
Project participant response				Date: DD/MM/YYYY
Documentation provided by project participant				
DOE assessment				Date: DD/MM/YYYY

Table 2. CAR from this verification

CAR ID	01	Section no.	4	Date: 08/07/2021
Description of CAR				
1. Use font, font size and colour as per the latest Monitoring Report template throughout the Monitoring report. 2. The comparison of ex-ante and ex-post ERs is not reported in the submitted MR. 3. In section 4.1, correct the version of document – tool to calculate emission factor 4. In section 4.2 and 5.1, correct the electricity generation as per the latest ER sheet 5. In section 5.4, correct the baseline emission as per the latest ER sheet				
Project Participant's response				Date: 16/09/2021
1. Font color and size is being revised in accordance with template filling instructions of VCS MR V04.0. 2. The comparison of ex-ante and ex-post ERs is now being reported in the submitted MR. 3. In section 4.1, the version of document – tool to calculate emission factor is now being mentioned correctly. 4. In section 4.2 and 5.1, the electricity generation as per the latest ER sheet is now being mentioned in this submission. 5. In section 5.4, baseline emissions as per the latest ER sheet are mentioned				
Documentation Provided by Project Participant				
VCS MR V02 and revised ER calculation sheet				
DOE assessment				Date: 05/10/2021

1. The font, font size and colour of the revised MR is checked and now throughout found consistent with VCS MR template. Thus, this part of CAR is closed. 2. The comparison of ex-ante and ex-post ERs is now reported consistently with ER sheet in the revised MR which is found appropriate. Hence, this part of CAR is closed. 3. Clarify why there is difference between section 1.8 and section 4.1 with respect to version of document – tool to calculate emission factor? This part of CAR is OPEN. 4. This part of CAR is kept open till final closure of all findings. 5. This part of CAR is kept open till final closure of all findings.	
Project Participant's response	Date: 06/10/2021
Version number mentioned in section 4.1 was a typo-error which is now being rectified in this submission.	
Documentation Provided as Evidence by Project Participant	
VCS MR V03	
DOE Assessment	Date: 06/10/2021
3. PP has corrected version of the tool as version 6.0 in line with section 1.8 of revised MR which is checked and confirmed. Hence this part of CAR is closed. 4. Section 4.2 and 5.1 of revised MR were checked for the electricity generation as per the latest ER sheet and is confirmed to be in line with ER calculations. Hence this part of CAR is closed. 5. Section 5.4, baseline emissions are revised by PP as the latest ER sheet which is checked and confirmed. Hence this part of CAR is closed.	

Table 3. CL from this verification

CL ID	01	Section no.	1	Date: 08/07/2021
Description of CL				

VCS MR version 01 dated 12/06/2020	
a) Provide commissioning certificates for each site b) Provide calibration certificates pertaining to the monitoring period for each energy meter. c) In section 1.1, under project capacity, provide no. of WTG & capacity in MW for each site to bring clarity about Project implementation and description. d) In section 1.1, it is mentioned that 27.1 MW WTGs are from Nidhi, Rajasthan site are yet to be commissioned however, as per the supporting Joint Meter Reading report for August, 2020, 27.1 MW WTGs were commissioned in July, 2020. e) In the same section, Project installed capacity for Burgula - II is mentioned as 10.4 MW. Supporting Joint Meter Reading reports are for 10.8 MW and emission reduction calculations are for 8.5 MW. f) In section 1.5, it is mentioned that Aspari has two different sites whereas, in section 1.1, it is not clearly mentioned under project description and implementation status. PP is requested to correct section 1.1 to maintain transparency in the information provided. g) In section 1.7, for Burgula-II site, project locations are provided for 2 WTGs of 0.8 MW (i.e. 1.6 MW) whereas project capacity for this site is 10.4 MW. h) In section 3.1, correct the electricity generated and emission reductions as per latest ER sheet i) In section 3.1, it is mentioned that, '.... The commissioning of these WTGs of the project activity is completed..' however section 1.1 says 27.1 MW WTGs are yet to be commissioned j) In section 2.3.2, a deviation is requested for '.....27.1 MW is still under process...'. As per section 3.1 these WTGs are part of Nidhi project site bundle project. As per Joint Meter Reading for July, 20 for Nidhi site, 27.1 MW bundle WTGs are commissioned. PP is requested to clarify. k) Supporting document for non-participation in other GHG program and not claiming other form of credit is not provided	
Project Participant's response	Date: 16/09/2021
a) Commissioning certificates pertaining to each site are now being submitted. b) Calibration certificates pertaining to the monitoring period for each energy meter are being provided. c) Sec 1.1 has been updated with number of WTGs and capacity in MW for each site. d) Remaining capacity i.e 27.1 MW of Nidhi site got commissioned on 21/07/2020 so the respective section has been revised accordingly. Also, commissioning certificate is attached in the submission as a supporting. e) In actual, the capacity for Burgula-II is 10.8 MW instead of 10.4 MW as mentioned in registered PD which was a typo-error and deviation regarding the same has been requested during the current monitoring period. f) Section 1.1 is now being revised to bring transparency. g) For Burgula-II, there are six WTGs, two WTGs having capacity 0.8 MW and rest 4 WTGs having capacity 2.3 MW thus giving a total capacity of 10.8 MW. Section 1.7 of the VCS MR is now being updated regarding the same and deviation is being requested during the current monitoring period. h) Section 3.1 is now being rectified. i) Section 3.1 has now been rectified as the complete commissioning of the project activity has taken place on 21/07/2020. j) Deviation taken in section 2.3.2 are now being removed as the remaining capacity i.e 27.1 MW got commissioned on 21/07/2020. So, there is no need of deviation. k) Declaration signed by PP stating no doubling counting is now being submitted.	
Documentation Provided by Project Participant	
Commissioning certificates, calibration certificates, VCS MR V02 and VCS declaration regarding no double counting.	
DOE assessment	Date review: 05/10/2021

- a) The provided commissioning certificates for all WTGs of the project were checked and found that mentioned commissioning date in MR is consistent with commissioning certificate. However, supporting document for commissioning date for BRG-506 could not be located and PP is requested to submit the same. **Hence this part of CL is OPEN.**
- b) The provided calibration certificates pertaining to the monitoring period for each energy meter which were checked and confirmed that all meter are calibrated and none of the energy meter has calibration delay observed. **Hence, this part of CL is closed.**
- c) PP has revised section 1.1, under project capacity, to provide no. of WTGs & capacity in MW for each site which is accepted. **Hence, this part of CL is closed.**
- d) PP has submitted commissioning certificate for complete 90 MW project for Nidhi site WTGs which were checked and confirmed that all WTGs are commissioned. PP has revised section 1.1 to mention the same and hence accepted. **Hence, this part of CL is closed.**
- e) PP has updated project installed capacity for Burgula – II site to 10.8 MW which is in line with Joint Meter Reading reports, commissioning certificates submitted. However, power purchase agreements dated 05/03/2016 are for (8+2.4) 10.4 MW. The emission reduction calculations are revised and are now presented for same capacity which is checked and confirmed. However, submitted PPAs is for 10.4 MW and not for complete 10.8 MW capacity, hence PP is requested to clarify the same and **this part of CL is OPEN.**
- f) PP has revised section 1.1 to maintain consistency in the information provided for Aspari sites which is checked and accepted. **Hence, this part of CL is closed.**
- g) PP has revised section 1.7 for Burgula-II site to provide location details for complete project i.e. 6 WTGs with total capacity of 10.8 MW which is checked and confirmed. **Hence, this part of CL is closed.**
- h) This CL is kept open till final closure of all findings.
- i) Section 3.1 is now revised to provide correct information as per the current commissioning status of WTGs and supporting documents which is checked and accepted.
- j) PP has revised section 2.3.2 to remove the said deviation as all the WTGs at Nidhi site are commissioned. This was verified based on Joint Meter Reading reports and commissioning certificates and accepted. **Hence, this part of CL is closed.**
- k) The supporting document was not found in the submitted documents to assessment team. **Hence this part of CL is OPEN.**

Project Participant's response
Date: 05/10/2021

- a) Typo-error regarding the commissioning date of BRG 506 is being rectified in this submission in VCS MR v03.
- e) PPA signed for complete capacity i.e 10.8 MW is being attached in this submission.
- k) Declaration signed by PP regarding no double counting is being attached in this submission.

Documentation Provided by Project Participant

VCS MR V03, PPA for 10.8 MW and No double counting declaration

DOE assessment
Date: 06/10/2021

- a) The commissioning date of BRG 506 is now corrected as per the commissioning certificate submitted which is checked and accepted. **Hence, this part of CL is closed.**
- e) Amended power purchase agreements were submitted by PP which were checked to confirm that project capacity at Burgula site was 10.8 MW at the time commissioning and hence accepted. **Hence, this part of CL is closed.**
- h) The section 3.1 is now corrected for the electricity generated and emission reductions as per latest ER sheet which is checked and confirmed. **Hence, this part of CL is closed.**
- k) The declaration by Project Participants dated 06-August-2021 was checked and confirmed. **Hence, this part of CL is closed.**

Table 4.FAR from this verification

No FAR raised during current verification.

FAR ID	XX	Section no.	XX	Date: DD/MM/YYYY
Description of FAR				
Project participant response				Date: DD/MM/YYYY
Documentation provided by project participant				
DOE assessment				Date: DD/MM/YYYY

APPENDIX III: COMPETENCE OF TEAM MEMBERS

Personnel Name:		Deepak Pundlik	
Qualified to work as:			
Team Leader	☐	Technical Expert	☒
Verifier trainee	☒	Financial Expert	☐
Technical Reviewer	☐	Local Expert	☐
Area(s) of Technical Expertise			
Sectoral Scope	Technical Area		
Energy industries (renewable/non-renewable sources)	TA 1.2: Energy generation from renewable energy sources		
Approved by (Manager C & T)	Shikha Sharma		
Approval date:	07/07/2021		

Personnel Name:		Sanjay Kandari	
Qualified to work as:			
Team Leader	☒	Technical Expert	☒
Validator/Verifier	☒	Financial Expert	☒
Technical Reviewer	☒	Local Expert (India)	☒
Area(s) of Technical Expertise			
Sectoral Scope	Technical Area		
Energy Industries (renewable/non-renewable sources)	TA 1.1: Thermal energy generation from fossil fuels and biomass including thermal electricity from solar		
Energy industries (renewable/non-renewable sources)	TA 1.2: Energy generation from renewable energy sources		
Energy demand	TA 3.1. Energy Demand		
Waste Handling and Disposal	TA 13.1 Waste Handling and Disposal TA 13.2 Manure		
Approved by (Manager C & T)	Akhilesh Joshi		
Approval date:	11/12/2015		

Personnel Name:		Tushar Chaudhari	
Qualified to work as:			
Team Leader	☒	Technical Expert	☒
Validator/Verifier	☒	Financial Expert	☒
Technical Reviewer	☒	Local Expert (India)	☒
Area(s) of Technical Expertise			
Sectoral Scope	Technical Area		
Energy Industries (renewable/non-renewable sources)	TA 1.1: Thermal energy generation from fossil fuels and biomass including thermal electricity from solar		
Energy industries (renewable/non-renewable sources)	TA 1.2: Energy generation from renewable energy sources		
Energy demand	TA 3.1. Energy Demand		
Waste Handling and Disposal	TA 13.1 Waste Handling and Disposal		
Approved by	Manager Competency & Training		
Approval date:	02/09/2020		

APPENDIX IV: PROJECT LOCATIONS

The location details for the Bhesada project site:

WTG Location No	Village	District	Latitude (N)	Longitude (E)
RSA 126	Naya luna kalan	Jaisalmer	26.6985	71.4897
RSA 128	Naya luna kalan	Jaisalmer	26.6859	71.4923
RSA 286	Pratap pura	Jaisalmer	26.5989	71.6356
RSA 280	Khuda	Jaisalmer	26.6027	71.6137

The location details for the Pottipadu project site:

WTG Location No	Village	District	Latitude (N)	Longitude (E)
PPD-045	Pottipadu	Anantapur	15.0403	77.3681
PPD-046	Pottipadu	Anantapur	15.0442	77.3645
PPD-047	Pottipadu	Anantapur	15.0483	77.3662
PPD-058	Pottipadu	Anantapur	15.0478	77.3818
PPD-076	Pottipadu	Anantapur	15.0515	77.4067
PPD-077	Pottipadu	Anantapur	15.0559	77.3951
PPD-078	Pottipadu	Anantapur	15.0602	77.3949
PPD-081	Pottipadu	Anantapur	15.0731	77.3780
PPD-082	Pottipadu	Anantapur	15.0793	77.3781
PPD-084	Pottipadu	Anantapur	15.0720	77.4075
PPD-085	Pottipadu	Anantapur	15.0673	77.4060
PPD-052	Gulyapalyam	Anantapur	15.0712	77.3578
PPD-055	Gulyapalyam	Anantapur	15.0603	77.3668
PPD-056	Vajrakarur	Anantapur	15.0567	77.3694
PPD-057	Vajrakarur	Anantapur	15.0532	77.3721
PPD-001	Gadehothur	Anantapur	15.0324	77.3214
PPD-002	Gadehothur	Anantapur	15.0274	77.3169
PPD-005	Gadehothur	Anantapur	15.0123	77.3205
PPD-006	Gadehothur	Anantapur	15.0086	77.3231
PPD-011	Pottipadu	Anantapur	15.0308	77.3411
PPD-012	Pottipadu	Anantapur	15.0354	77.3414
PPD-013	Pottipadu	Anantapur	15.0393	77.3407
PPD-014	Pottipadu	Anantapur	15.0442	77.3287
PPD-015	Pottipadu	Anantapur	15.0520	77.3317
PPD-016	Vajrakarur	Anantapur	15.0378	77.3228
PPD-038	Ganjikunta	Anantapur	15.0150	77.3756
PPD-039	Tatrakallu	Anantapur	15.0078	77.3709
PPD-040	Vajrakarur	Anantapur	15.0014	77.3654
PPD-060	Vajrakarur	Anantapur	15.0378	77.3899
PPD-061	Vajrakarur	Anantapur	15.0347	77.3933
PPD-062	Vajrakarur	Anantapur	15.0266	77.3957
PPD-063	Vajrakarur	Anantapur	15.0304	77.3946
PPD-064	Vajrakarur	Anantapur	15.0206	77.3980
PPD-073	Vajrakarur	Anantapur	15.0366	77.4091
PPD-074	Vajrakarur	Anantapur	15.0416	77.4102
PPD-075	Kamalapadu	Anantapur	15.0462	77.4074
PPD-049	Konakondla	Anantapur	15.0811	77.3511
PPD-050	Konakondla	Anantapur	15.0768	77.3517
PPD-053	Gulyapalyam	Anantapur	15.0669	77.3609

PPD-054	Gulyapalyam	Anantapur	15.0659	77.3696
PPD-027	Gulyapalyam	Anantapur	15.0637	77.3432
PPD-028	Gulyapalyam	Anantapur	15.0577	77.3453
PPD-029	Vajrakarur	Anantapur	15.0537	77.3471
PPD-030	Vajrakarur	Anantapur	15.0492	77.3496
PPD-031	Vajrakarur	Anantapur	15.0446	77.3500
PPD-032	Vajrakarur	Anantapur	15.0361	77.3539
PPD-033	Vajrakarur	Anantapur	15.0319	77.3562
PPD-034	Vajrakarur	Anantapur	15.0272	77.3528
PPD-035	Vajrakarur	Anantapur	15.0207	77.3548
PPD-044	Vajrakarur	Anantapur	15.0322	77.3748

The location details for the Nidhi project site for all 53 WTGs:

WTG Location No	Village	District	Latitude (N)	Longitude (E)
NDH-001	Habur	Jaisalmer	27.1770	70.6009
NDH-002	Habur	Jaisalmer	27.1712	70.6035
NDH-003	Habur	Jaisalmer	27.1687	70.6069
NDH-004	Habur	Jaisalmer	27.1646	70.6093
NDH-005	Habur	Jaisalmer	27.1606	70.6123
NDH-006	Habur	Jaisalmer	27.1562	70.6147
NDH-007	Habur	Jaisalmer	27.1520	70.6182
NDH-008	Habur	Jaisalmer	27.1480	70.6210
NDH-009	Habur	Jaisalmer	27.1426	70.6231
NDH-010	Habur	Jaisalmer	27.1403	70.6258
NDH-011	Habur	Jaisalmer	27.1340	70.6296
NDH-012	Habur	Jaisalmer	27.1306	70.6328
NDH-013	Habur	Jaisalmer	27.1264	70.6457
NDH-014	Habur	Jaisalmer	27.1303	70.6428
NDH-015	Habur	Jaisalmer	27.1401	70.6367
NDH-016	Habur	Jaisalmer	27.1439	70.6337
NDH-017	Habur	Jaisalmer	27.1484	70.6290
NDH-018	Habur	Jaisalmer	27.1540	70.6268
NDH-019	Habur	Jaisalmer	27.1575	70.6242
NDH-020	Habur	Jaisalmer	27.1616	70.6214
NDH-021	Habur	Jaisalmer	27.1657	70.6191
NDH-022	Habur	Jaisalmer	27.1701	70.6160
NDH-023	Habur	Jaisalmer	27.1741	70.6130
NDH-024	Habur	Jaisalmer	27.1792	70.6095
NDH-025	Habur	Jaisalmer	27.1827	70.6066
NDH-026	Habur	Jaisalmer	27.1856	70.6040
NDH-027	Habur	Jaisalmer	27.1531	70.6382
NDH-028	Habur	Jaisalmer	27.1490	70.6412
NDH-029	Habur	Jaisalmer	27.1437	70.6439
NDH-030	Habur	Jaisalmer	27.1409	70.6470

NDH-031	Habur	Jaisalmer	27.1359	70.6493
NDH-032	Habur	Jaisalmer	27.1321	70.6526
NDH-033	Habur	Jaisalmer	27.1283	70.6552
NDH-034	Habur	Jaisalmer	27.1242	70.6571
NDH-035	Habur	Jaisalmer	27.1139	70.6741
NDH-036	Habur	Jaisalmer	27.1174	70.6718
NDH-037	Habur	Jaisalmer	27.1216	70.6693
NDH-038	Habur	Jaisalmer	27.1256	70.6667
NDH-039	Habur	Jaisalmer	27.1287	70.6636
NDH-040	Habur	Jaisalmer	27.1337	70.6390
NDH-041	Habur	Jaisalmer	27.1331	70.6707
NDH-042	Habur	Jaisalmer	27.1289	70.6744
NDH-043	Habur	Jaisalmer	27.1266	70.6777
NDH-044	Habur	Jaisalmer	27.1192	70.6606
NDH-045	Habur	Jaisalmer	27.1351	70.6808
NDH-046	Habur	Jaisalmer	27.1407	70.6771
NDH-047	Habur	Jaisalmer	27.1431	70.6942
NDH-048	Habur	Jaisalmer	27.1398	70.6974
NDH-049	Habur	Jaisalmer	27.1357	70.7002
NDH-050	Habur	Jaisalmer	27.1306	70.7023
NDH-051	Habur	Jaisalmer	27.1267	70.7054
NDH-052	Habur	Jaisalmer	27.1358	70.7070
NDH-053	Habur	Jaisalmer	27.1430	70.7026

The location details for the Nipaniya project site:

WTG Location No	Village	District	Latitude (N)	Longitude (E)
NPY-P-58	Jamuniya	Mandsaur	24.2041	75.6108
NPY-P3-41	Dhamniya Diwan	Mandsaur	24.1484	75.6209
NPY-P3-114	Nariya Bujurg	Mandsaur	24.2625	75.6194
NPY-P3-116	Manpura	Mandsaur	24.2537	75.6161
NPY-P3-117	Nariya Bujurg	Mandsaur	24.2484	75.6159
NPY-P3-120	Aakli Shivdas	Mandsaur	24.2349	75.6133
NPY-P3-127	Sagoriya	Mandsaur	24.2197	75.6075
NPY-P-59	Sagoriya	Mandsaur	24.2145	75.6107
NPY-P3-157	Jamuniya	Mandsaur	24.2073	75.6093
NPY-P3-112	Bardiya Amra	Mandsaur	24.2740	75.6223
NPY-P3-124	Jamuniya	Mandsaur	24.2257	75.5991
NPY-P3-154	Guradiyamata	Mandsaur	24.2361	75.6432
NPY-P3-119	Manpura	Mandsaur	24.2300	75.5993
NPY-P-51	Barkheda Uda	Mandsaur	24.1654	75.6055
NPY-P3-128	Sagoriya	Mandsaur	24.2174	75.6098

The location details for the Nazeerabad project site:

WTG Location No	Village	District	Latitude (N)	Longitude (E)
NRB01	Nazeerabad	Rangareddy	17.2224	77.9471
NRB02	Nazeerabad	Rangareddy	17.2187	77.9479
NRB03	Nazeerabad	Rangareddy	17.2162	77.9491
NRB04	Nazeerabad	Rangareddy	17.2129	77.9502
NRB05	Nazeerabad	Rangareddy	17.2099	77.9513
NRB06	Nazeerabad	Rangareddy	17.2068	77.9510
NRB07	Nazeerabad	Rangareddy	17.2040	77.9518
NRB11	Nazeerabad	Rangareddy	17.1909	77.9314
NRB14	Nazeerabad	Rangareddy	17.1886	77.9362
NRB15	Nazeerabad	Rangareddy	17.1844	77.9300
NRB16	Nazeerabad	Rangareddy	17.1788	77.9233
NRB17	Nazeerabad	Rangareddy	17.1752	77.9234
NRB18	Nazeerabad	Rangareddy	17.1716	77.9242
NRB19	Nazeerabad	Rangareddy	17.1700	77.9295
NRB20	Nazeerabad	Rangareddy	17.1675	77.9230
NRB22	Nazeerabad	Rangareddy	17.1617	77.9171
NRB23	Nazeerabad	Rangareddy	17.1598	77.9247
NRB24	Nazeerabad	Rangareddy	17.1554	77.9300
NRB26	Nazeerabad	Rangareddy	17.1506	77.9221
NRB27	Nazeerabad	Rangareddy	17.1480	77.9295
NRB28	Nazeerabad	Rangareddy	17.1473	77.9220
NRB29	Nazeerabad	Rangareddy	17.1442	77.9128
NRB30	Nazeerabad	Rangareddy	17.1443	77.9282
NRB31	Nazeerabad	Rangareddy	17.1420	77.9208
NRB34	Nazeerabad	Rangareddy	17.1352	77.9174
NRB35	Nazeerabad	Rangareddy	17.1328	77.9273
NRB36	Nazeerabad	Rangareddy	17.1299	77.9436
NRB39	Nazeerabad	Rangareddy	17.1307	77.9328
NRB40	Nazeerabad	Rangareddy	17.1247	77.9443
NRB41	Nazeerabad	Rangareddy	17.1267	77.9321
NRB43	Nazeerabad	Rangareddy	17.1223	77.9303
NRB44	Nazeerabad	Rangareddy	17.1203	77.9405
NRB48	Nazeerabad	Rangareddy	17.1189	77.9478
NRB49	Nazeerabad	Rangareddy	17.1155	77.9566
NRB54	Nazeerabad	Rangareddy	17.1047	77.9537
NRB56	Nazeerabad	Rangareddy	17.0990	77.9548
NRB57	Nazeerabad	Rangareddy	17.0960	77.9551
NRB58	Nazeerabad	Rangareddy	17.0895	77.9509

NRB60	Nazeerabad	Rangareddy	17.1978	77.9525
NRB62	Nazeerabad	Rangareddy	17.1431	77.9875
NRB63	Nazeerabad	Rangareddy	17.1390	77.9877
NRB64	Nazeerabad	Rangareddy	17.1354	77.9894
NRB66	Nazeerabad	Rangareddy	17.1292	77.9909
NRB67	Nazeerabad	Rangareddy	17.1248	77.9920
NRB68	Nazeerabad	Rangareddy	17.1214	77.9941
NRB69	Nazeerabad	Rangareddy	17.1153	77.9932
NRB71	Nazeerabad	Rangareddy	17.1042	77.9862
NRB72	Nazeerabad	Rangareddy	17.0866	77.9500

The location details for the Burgula-II project site:

WTG Location No	Village	District	Latitude (N)	Longitude (E)
BRG-552	Burugula	Kurnool	15.19516	77.93793
BRG-553	Burugula	Kurnool	15.19682	77.93758
BRG-506	Burugula	Kurnool	15.19245	77.92797
BRG-556	Burugula	Kurnool	15.20163	77.93601
BRG-558	Burugula	Kurnool	15.20490	77.93719
BRG-559	Burugula	Kurnool	15.20673	77.93761

The location details for the Aspari-I project site:

WTG Location No	Village	District	Latitude (N)	Longitude (E)
ASP-005	Aspari	Kurnool	15.4721	77.3977
ASP-006	Aspari	Kurnool	15.4685	77.3975
ASP-007	Aspari	Kurnool	15.4651	77.3981
ASP-008	Aspari	Kurnool	15.4613	77.3984
ASP-009	Aspari	Kurnool	15.4561	77.3998
ASP-010	Aspari	Kurnool	15.4527	77.3985
ASP-011	Aspari	Kurnool	15.4491	77.4002
ASP-012	Aspari	Kurnool	15.4455	77.4004
ASP-013	Aspari	Kurnool	15.4424	77.3998
ASP-014	Aspari	Kurnool	15.4383	77.3990
ASP-015	Aspari	Kurnool	15.4350	77.3975
ASP-016	Aspari	Kurnool	15.4315	77.3978
ASP-017	Aspari	Kurnool	15.4280	77.3981
ASP-018	Aspari	Kurnool	15.4228	77.4094
ASP-019	Aspari	Kurnool	15.4191	77.4079
ASP-021	Aspari	Kurnool	15.4149	77.4068
ASP-022	Aspari	Kurnool	15.4093	77.4092
ASP-023	Aspari	Kurnool	15.4057	77.4099

ASP-024	Aspari	Kurnool	15.4011	77.4110
ASP-025	Aspari	Kurnool	15.4455	77.4124
ASP-026	Aspari	Kurnool	15.4413	77.4126
ASP-027	Aspari	Kurnool	15.4369	77.4140
ASP-028	Aspari	Kurnool	15.4319	77.4140
ASP-029	Aspari	Kurnool	15.4266	77.4136
ASP-061	Aspari	Kurnool	15.3893	77.4220
ASP-062	Aspari	Kurnool	15.3856	77.4186
ASP-063	Aspari	Kurnool	15.3826	77.4137
ASP-064	Aspari	Kurnool	15.3792	77.4111
ASP-065	Aspari	Kurnool	15.3754	77.4103
ASP-066	Aspari	Kurnool	15.3721	77.4079
ASP-030	Aspari	Kurnool	15.4416	77.4269
ASP-031	Aspari	Kurnool	15.4379	77.4272
ASP-032	Aspari	Kurnool	15.4339	77.4278
ASP-033	Aspari	Kurnool	15.4305	77.4279
ASP-035	Aspari	Kurnool	15.4242	77.4302
ASP-036	Aspari	Kurnool	15.4200	77.4328
ASP-037	Aspari	Kurnool	15.4165	77.4356
ASP-038	Aspari	Kurnool	15.4124	77.4365
ASP-039	Aspari	Kurnool	15.4089	77.4376
ASP-042	Aspari	Kurnool	15.4211	77.4504
ASP-043	Aspari	Kurnool	15.4159	77.4571
ASP-087	Aspari	Kurnool	15.4340	77.4495
ASP-088	Aspari	Kurnool	15.4406	77.4480
ASP-089	Aspari	Kurnool	15.4444	77.4465
ASP-090	Aspari	Kurnool	15.4474	77.4443
ASP-091	Aspari	Kurnool	15.4518	77.4434
ASP-092	Aspari	Kurnool	15.4553	77.4430

The location details for the Aspari-II project site:

WTG Location No	Village	District	Latitude (N)	Longitude (E)
ASP-001	Aspari	Kurnool	15.4834	77.4121
ASP-002	Aspari	Kurnool	15.4791	77.4161
ASP-003	Aspari	Kurnool	15.4745	77.4177
ASP-040	Aspari	Kurnool	15.3942	77.4422
ASP-044	Aspari	Kurnool	15.4117	77.4612
ASP-046	Aspari	Kurnool	15.4053	77.4667
ASP-047	Aspari	Kurnool	15.3907	77.4695
ASP-048	Aspari	Kurnool	15.3969	77.4698
ASP-050	Aspari	Kurnool	15.4208	77.4773

ASP-052	Aspari	Kurnool	15.4161	77.4829
ASP-053	Aspari	Kurnool	15.4096	77.4789
ASP-054	Aspari	Kurnool	15.4059	77.4797
ASP-055	Aspari	Kurnool	15.3993	77.4840
ASP-071	Aspari	Kurnool	15.3902	77.4451
ASP-072	Aspari	Kurnool	15.3864	77.4443
ASP-073	Aspari	Kurnool	15.3826	77.4443
ASP-074	Aspari	Kurnool	15.3779	77.4442
ASP-081	Aspari	Kurnool	15.3792	77.4878
ASP-082	Aspari	Kurnool	15.3758	77.4913
ASP-083	Aspari	Kurnool	15.3722	77.4924
ASP-084	Aspari	Kurnool	15.3688	77.4934
ASP-086	Aspari	Kurnool	15.3616	77.4953
ASP-093	Aspari	Kurnool	15.4658	77.4388
ASP-094	Aspari	Kurnool	15.4705	77.4381
ASP-095	Aspari	Kurnool	15.4740	77.4383
ASP-130	Aspari	Kurnool	15.4631	77.4228
ASP-131	Aspari	Kurnool	15.4528	77.4126
ASP-132	Aspari	Kurnool	15.4492	77.4123
ASP-138	Aspari	Kurnool	15.4570	77.4138
ASP-139	Aspari	Kurnool	15.4758	77.3987

APPENDIX V: COMMISSIONING DETAILS

The commissioning details for the Bhesada project site are 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 are 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 are 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 are 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 are 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 are 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 are 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 are 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

APPENDIX VI: CALIBRATION DETAILS

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

Main Meter		Check Meter	
Make	L & T	Make	L & T
Meter Sl. No	15624894	Meter Sl. No.	15624896
Accuracy Class	0.2 s	Accuracy Class	0.2 s
Calibration Date	22-August-2017	Calibration Date	22-August-2017
Calibration Due Date	21-August-2022	Calibration Due Date	21-August-2022

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	Make	Secure	Make	Secure
Meter Sl. No.	XC559930	Meter Sl. No.	XC559931	Meter Sl. No.	XC559924
Accuracy Class	0.2 s	Accuracy Class	0.2 s	Accuracy Class	0.2 s
Calibration date	20-November-2017	Calibration date	20-November-2017	Calibration date	20-November-2017
Calibration Due Date	19-November-2022	Calibration Due Date	19-November-2022	Calibration Due Date	19-November-2022

PPD-40 (23.1 MW)					
Main Meter		Check Meter		Backup Meter	
Make	Secure	Make	Secure	Make	Secure
Meter Sl. No.	XC559921	Meter Sl. No.	XC559922	Meter Sl. No.	XC559923
Accuracy Class	0.2 s	Accuracy Class	0.2 s	Accuracy Class	0.2 s
Calibration date	20-November-2017	Calibration date	20-November-2017	Calibration date	20-November-2017
Calibration Due Date	19-November-2022	Calibration Due Date	19-November-2022	Calibration Due Date	19-November-2022

PPD-35 (21 MW)					
Main Meter		Check Meter		Backup Meter	
Make	Secure	Make	Secure	Make	Secure
Meter Sl. No.	XC559932	Meter Sl. No.	XC559933	Meter Sl. No.	XC559934
Accuracy Class	0.2 s	Accuracy Class	0.2 s	Accuracy Class	0.2 s
Calibration date	22-November-	Calibration date	22-November-	Calibration date	22-November-2017

	2017		2017		
Calibration Due Date	19-November-2022	Calibration Due Date	19-November-2022	Calibration Due Date	19-November-2022

For 39.9 MW					
Feeder-01					
Main Meter		Check Meter		Backup Meter	
Make	Elster	Make	Elster	Make	Elster
Meter Sl. No.	13720861	Meter Sl. No.	13720862	Meter Sl. No.	13720866
Accuracy Class	0.2 s	Accuracy Class	0.2 s	Accuracy Class	0.2 s
Calibration date	21-November-2017	Calibration date	21-November-2017	Calibration date	21-November-2017
Calibration Due Date	19-November-2022	Calibration Due Date	19-November-2022	Calibration Due Date	19-November-2022

Feeder-02					
Main Meter		Check Meter		Backup Meter	
Make	Elster	Make	Elster	Make	Elster
Meter Sl. No.	13720867	Meter Sl. No.	13720868	Meter Sl. No.	13720872
Accuracy Class	0.2 s	Accuracy Class	0.2 s	Accuracy Class	0.2 s
Calibration date	21-11-2017	Calibration date	21-11-2017	Calibration date	21-11-2017
Calibration Due Date	20-11-2022	Calibration Due Date	20-11-2022	Calibration Due Date	20-11-2022

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

Feeder-09			
Main Meter		Check Meter	
Make	Genus	Make	Genus
Meter Sl.No.	A 3015605	Meter Sl.No.	A 3015606
Accuracy class	0.2 s	Accuracy class	0.2 s
Calibration date	29-May-2017	Calibration date	29-May-2017
Calibration Due Date	28-May-2022	Calibration Due Date	28-May-2022

Feeder-10			
Main Meter		Check Meter	
Make	Genus	Make	Genus
Meter Sl.No.	A 3015607	Meter Sl.No.	A 3015608
Accuracy Class	0.2 s	Accuracy Class	0.2 s
Calibration date	29-May-2017	Calibration date	29-May-2017
Calibration Due Date	28-May-2022	Calibration Due Date	28-May-2022

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

Feeder 12 (SEL-197)			
Main Meter		Check Meter	
Make	Secure	Make	Secure
Meter Sl. No.	RJB 78188	Meter Sl. No.	RJB 78189
Accuracy Class	0.2 s	Accuracy Class	0.2 s
Calibration date	28-April-2016	Calibration date	28-April-2016
Calibration Due Date	27-April-2021	Calibration Due Date	27-April-2021

Calibration Date	21-February-2021	Calibration Due Date	21-February-2021
Calibration Due Date	20-February-2026	Calibration Due Date	20-February-2026

Feeder 03 (SEL-195)			
Main Meter		Check Meter	
Make	Secure	Make	Secure
Meter Sl. No.	RJB 78194	Meter Sl. No.	RJB 78200
Accuracy Class	0.2 s	Accuracy Class	0.2 s
Calibration date	28-April-2016	Calibration date	28-April-2016
Calibration Due Date	27-April-2021	Calibration Due Date	27-April-2021
Calibration Date	21-February-2021	Calibration Due Date	21-February-2021
Calibration Due Date	20-February-2026	Calibration Due Date	20-February-2026

Feeder 04 (SEL-04)			
Main Meter		Check Meter	
Make	Secure	Make	Secure
Meter Sl. No.	RJB 78201	Meter Sl. No.	RJB 78203
Accuracy Class	0.2 s	Accuracy Class	0.2 s
Calibration date	28-April-2016	Calibration date	28-April-2016
Calibration Due Date	27-April-2021	Calibration Due Date	27-April-2021
Calibration Date	21-February-2021	Calibration Due Date	21-February-2021
Calibration Due Date	20-February-2026	Calibration Due Date	20-February-2026

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

Aspari-I			
Main Meter		Check Meter	
Make	Secure	Make	Secure
Meter Sl. No.	APX01010	Meter Sl. No.	APX01011
Accuracy Class	0.2 s	Accuracy Class	0.2 s
Calibration date	13-October-2017	Calibration date	13-October-2017
Calibration Due Date	12-October-2022	Calibration Due Date	12-October-2022

Aspari-II			
Main Meter		Check Meter	
Make	Secure	Make	Secure
Meter Sl. No.	APX01012	Meter Sl. No.	APX01013
Accuracy Class	0.2 s	Accuracy Class	0.2 s
Calibration date	13-October-2017	Calibration date	13-October-2017
Calibration Due Date	12-October-2022	Calibration Due Date	12-October-2022

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

Burgulla-II			
Main Meter		Check Meter	
Make	Secure	Make	Secure
Meter Sl. No.	APX01021	Meter Sl. No.	APX01022
Accuracy Class	0.2 s	Accuracy Class	0.2 s
Calibration date	30-March-2017	Calibration date	30-March-2017
Calibration Due Date	29-March-2022	Calibration Due Date	29-March-2022

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

Nipaniya			
Main Meter		Check Meter	
Make	Secure	Make	Secure
Meter Sl. No.	MPC70481	Meter Sl. No.	MPC70480
Accuracy Class	0.2 s	Accuracy Class	0.2 s

Calibration date	09-May-2016	Calibration date	09-May-2016
Calibration Due Date	08-May-2021	Calibration Due Date	08-May-2021
Calibration Date	21-February-2021	Calibration Date	21-February-2021
Calibration Due Date	20-February-2026	Calibration Due Date	20-February-2026