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Summary:

Tamilnadu Spinning Mills Association (TASMA) has engaged SIRIM QAS International Sdn. Bhd. to undertake the validation of the project titled “Bundled Wind Power Project in Tamilnadu, India, co-ordinated by Tamilnadu Spinning Mills Association (TASMA-V2)” (hereinafter the project) under the Voluntary Carbon Standard (VCS) Version 3. The purpose of the validation is to perform an independent, third party assessment of whether the project activity confirms to the qualification criteria set in the VCS Version 3 standard and related requirements to attain real, measurable, additional, and permanent emission reduction. The validation exercise was not meant to provide any consulting to the project participants. However, the stated requests for clarifications and/or corrective actions may provide input for improvement of the project design.

The validation consisted of three phases;

i) a document review of the project documents and preparation of validation protocol, ii) on-site visit to the project activity and interviews with the project developer and the project consultant, and, iii) resolution of outstanding issues and the issuance of final validation report and validation opinion

The project activity is installation of 396 WTGs totalling to 236.05 MW. The project is located across the State of Tamilnadu, India. The entire electricity generated from the project activity will be fed to the Southern Grid, replacing the equivalent amount of fossil fuel dominated grid electricity.

The validation process, from contract review to the issuance of validation report and validation opinion was conducted in accordance with SIRIM QAS Intl.’s internal procedures. The first output of the validation process was a list of corrective action requests and clarification requests (CAR and CL) which is presented in Appendix V of this report. As a result of these findings, the PD was revised by the client.

In summary, it is the opinion of SIRIM QAS Intl. that the proposed VCS project activity has correctly applied the baseline and monitoring methodology (ACM 0002 Version 12.2.0) for the project activity and meets the relevant VCS Version 3 requirements. Total GHG emission by the project is 4,173,925 tonnes of CO₂ over the period of 10 years and the estimated GHG reductions from the project would be real, measurable, permanent and additional.

Table of Contents

TABLE OF CONTENTS	PAGE
1.0 INTRODUCTION	4
1.1 Objective	4
1.2 Scope and Criteria	4
1.3 Level of Assurance	4
1.4 Summary Description of the project	5
2.0 VALIDATION PROCESS	5
2.1 Method and Criteria	5
2.2 Document review	6
2.3 Interviews	6
2.4 Site inspections	7
2.5 Resolution of any material discrepancy	7
3.0 VALIDATION FINDINGS	7
3.1 Project Design	7
3.2 Application of methodology	8
3.2.1 Title and reference	8
3.2.2 Applicability	8
3.2.3 Project boundary	11
3.2.4 Baseline Scenario	11
3.2.5 Additionality	12
3.2.6 Quantification of GHG emission reductions and Removals	22
3.2.7 Methodology deviations	23
3.2.8 Monitoring Plan	23
3.3 Environmental Impacts	24
3.4 Comments by Local Stakeholders	24
4.0 VALIDATION CONCLUSION	25
5.0 References	27
Appendix I: Details of WTGs like Make, Commissioning dates, coordinates, HTSC no	
Appendix II: Input values	
Appendix III: Results- Financial indicator	
Appendix IV: Results- Benchmark	
Appendix V: Validation of VCS requirements	

1 INTRODUCTION

Tamilnadu Spinning Mills Association (TASMA),(hereinafter referred to as the 'Project Proponent') has contracted SIRIM QAS International, Malaysia to undertake the validation of its project titled "Bundled Wind Power Project in Tamilnadu, India, co-ordinated by Tamilnadu Spinning Mills Association (TASMA-V2)" (hereinafter referred to as the project activity) under the Voluntary Carbon Standard (VCS) Version 3 standard^{/1/}. This report describes the validation work undertaken.

1.1 Objective

The purpose of the validation is to perform an independent, third party assessment of whether the project activity confirms to the qualification criteria set in the VCS Version 3 standard to attain real, measurable, additional and permanent emission reduction.

The validation statement / opinion is a written assurance that the project complies with all the applicable VCS requirements and has the ability to generate the emission reductions stated over the projects crediting period.

1.2 Scope and Criteria

The validation scope includes an independent and objective review of the Project VCS project description (PD), the project's baseline study, monitoring plan and other relevant documents. The objectives of the validation work involve:

- To verify whether the project activity meets the requirements of VCS Version 3 standard^{/1/} including additionality, proof of title and compliance with local laws.
- To assess whether the baseline and monitoring plan are in conformance with the methodology applied from the VCS approved GHG program.
- To certify that the information presented are complete, consistent, transparent and free of material error.

The Project Description was reviewed against VCS Version 3 standard and the VCS program guidelines and the applied CDM methodology^{/2/}, ACM 0002 Version 12.2.0. SIRIM QAS has performed the validation based on a risk based approach focusing mainly on the significant risks to meet the qualification criteria and the ability to generate VCUs. The work carried out by SIRIM QAS Intl. is free from any conflict of interest.

1.3 Level of assurance

In line with VCS Version 3 requirements and as per ISO 14064-3:2006 Para A.2.3.2, a reasonable level of assurance has been followed for the validation of the project. Based on the desired level of accuracy SIRIM QAS Intl. has established an internal quality control process and assures that the information given in the PD is materially correct and is a fair representation of the actual project details, and is prepared in accordance with the VCS requirements and the applied CDM methodology for information pertaining to additionality, GHG quantification, monitoring and reporting.

The validation report is carried out as per this requirement and details are presented in the Validation Statement in section 4 below:

1.4 Summary Description of the Project

The project activity is the installation of 396 WTGs totalling to 236.05 MW. The project is located across the State of Tamilnadu, India. The entire electricity generated from the project activity will be fed to the Southern Grid, either through energy wheeling or energy selling, replacing the equivalent amount of fossil fuel dominated grid electricity.

2 VALIDATION PROCESS

2.1 Method and Criteria

The SIRIM QAS Intl.'s validation process consists of the following phases:

- a document review of the project description and preparation of validation protocol;
- on-site visit to the project activity and interviews with project developer, project consultant; and relevant stakeholders
- resolution of outstanding issues and the issuance of final validation report and opinion.

In order to ensure transparency, a validation protocol was customised for the project according to the VCS Version 3 guidelines. The protocol describes criteria (requirements), means of verification, results from the validating and how the identified criteria, have been met in a transparent manner. The validation protocol serves the following purposes:

- it organizes, details and clarifies the requirements a VCS project is expected to meet;
- it ensures a transparent validation process where the validator will document how a particular requirement has been validated and the result of the validation.

The validation protocol consists of Appendix V, where findings established during the validation were classified as non-fulfilment of validation protocol criteria or where risks to the fulfilment of project objectives were identified. Corrective Action Request (CAR) was issued, where:

- mistakes have been made that directly impact on the project results; or
- validation protocol requirements have not been met; or
- there was a risk that the project would not be accepted as a VCS project or that emission reductions will not be certified.

The validation team has also raised "Clarification" (CL), where additional information is needed to fully clarify an issue.

SIRIM QAS Intl. has established an internal quality control process. A Technical Reviewer has been appointed to review the final draft validation report. The final draft report will also be tabled to the VCS Board after all findings have been resolved.

2.2 Document Review

The first PD^{/3/} version 1.0 submitted by the client and additional backgrounds documents related to the project design and baseline were reviewed as an initial step of the validation process. As a result of review and findings, PP had submitted the PD version 2.0^{/4/}

A desk review was further done to assess the following parameters:

1. Project details as per VCS PD template
2. Applicability and appropriateness of methodology used
3. Compliance with relevance laws and regulation
4. Correctness of application of baseline and monitoring methodology
5. Demonstration of additionality
6. Monitoring plan
7. Stakeholders' comment
8. Proof of title
9. Supporting documents mentioned in the PD (Grid emission factor, commissioning certificate etc.)

A complete list of all the documents reviewed is attached in Section 5.0 of this report.

The following team members from SIRIM QAS Intl. were involved in identifying the following:

Name	Role	Components reviewed
Dr. G. Vishnu	Lead Auditor	Completeness check, desk review, onsite inspection, Interview with project representatives & stakeholders, issuance of findings, report preparation
Mr. A. Prabhu Das	Auditor	Desk review, onsite inspection, Interview with project representatives, report preparation
Mr. Jayaraman	Financial expert	Additionality issues
Mr. K. Sudheendra	Technical Reviewer	Technical Issues related to project

2.3 Interviews

After the review of the project description and documents a site visit was carried out from 26th to 29th October 2011. During the site visit physical inspection of the project components followed by interviews with the on-site personnel was carried out to verify the project details. A follow-up meeting was also conducted with the project representatives. The following persons were interviewed.

Name & Designation	Company	Details of Interview
Mr. Bharathi Kannan Head –CDM/VCS projects Mr. Selvaraj - Analyst- CDM/VCS projects	TASMA	Technical Details, monitoring system, calibration frequency, grid connectivity & power evacuation system / infrastructure, Loan Sanction Documents, Power Purchase Agreement, land ownership details, Purchase Order details, overall project management. Baseline, Additionality, Barrier analysis, CER calculations, Financial calculations, Proof of title.

2.4 Site Inspections

After the review of the Project Description and other documents, an on-site visit was carried out from 26th to 29th October 2011. During the site visit, the actual on-site practices adopted and followed for the operation of the project were compared with the description given in the PD. The grid-connectivity, metering practices, calibration and level of accuracy were examined. The archived data of the energy generated was also reviewed.

2.5 Resolution of Any Material Discrepancy

The objective of this phase of the validation is to resolve the request for corrective actions and clarification and any other outstanding issues which needed to be clarified prior to SIRIM QAS Intl.'s conclusion on the project design based on the site inspection and review of documents, such that the project activity meets the VCS Version 3.0 requirements. Four (4) Corrective Action Requests and twenty one (21) Clarification Requests were raised by SIRIM QAS Intl. and the same were resolved during communication between the client and SIRIM QAS Intl.'s validation team. In order to ensure the transparency of the validation process, the concerns raised and responses that have been documented in Appendix VI of this report.

3 VALIDATION FINDINGS

3.1 Project Design

Project identification, design & development and implementation were evaluated as per the requirements of VCS Version 3. The project activity is electricity generation using wind energy which is a renewable energy by installation of 396 WTGs in the State of Tamilnadu, India. The project activity has a total installed capacity of 236.05 MW. The project activity is expected to generate and displace 4,559,321 MWh of electricity over the period of 10 years thereby displacing the equivalent quantum of electricity from the power deficit; fossil fuel dominated Southern Grid. The project will lead to GHG emission reduction of about 4,173,925 tCO₂e over the period of 10 years and thus contributes to climate change mitigation efforts. The project applies the simplified baseline and monitoring methodology ACM 0002 Version 12.2.0. The project falls under sectoral scope no. 1, Energy industries (renewable/non-renewable sources).

The technical specifications of the WTGs were verified with the purchase orders^{/5/} and cross verified during the on-site visit. These were found to be correct and consistent. The location of the project activity was physically verified during validation site visit. The geographical coordinates of the project activity as mentioned in the PD were crosschecked with globally accessible satellite based imagery data software and found to be consistent. The details of the investors, capacity, and location were checked and furnished in Appendix I.

During the on-site visit, the project supporting documents were verified. The validation team has reviewed the commissioning certificates^{/6/} of all the WTGs and found that electricity generated from the WTGs are

partly supplied to the grid and partly wheeled to the grid. The details of project including Make, HTSC no, date of commissioning (DOC) etc., are reported in Appendix I.

The validation team has reviewed all the commercial operation dates by reviewing the commissioning certificate of the individual units and concluded that the earliest commercial operation date (HTSC no 872; capacity 1 x 0.25 MW; owned by S. Velumani; Date of commissioning 16th February 2010) of all the units is taken as start date of the project activity (16th February 2010). PP has chosen fixed crediting period for the period of 10 years (16th February 2010 to 15th February 2020). The validation team has accepted this considering the technical life of the project being 20 years. In line with the VCS requirements, proof of title of the individual investors was verified with the Purchase orders^{/5/}, Commissioning certificates^{/6/} and PPA& EPA^{/7/}. The project so far has not created any other form of environmental credit. But, the project will seek for registration under CDM separately in the near future. However, the VCU's revenue will be considered only for the period during which no CER benefits are claimed.

To ensure that the environmental credits generated by the project are not double counted under VCS, an undertaking letter^{/10/} was provided by TASMA indicating that the project activity is not claiming credits from other forms of GHG program. Even if the PP applies for CDM, the VCS credit will be terminated in such a way that no double counting is possible. The project has not been rejected under other GHG programme. The project meets the general requirements of VCS Version 3 with respect to project start date, project scope and crediting period according to clause 5.1, 5.2 and 5.3.

One CAR (CAR 1) and five CLs (CL 1, CL 2, CL 3, CL 11 and CL 12) were raised for issues related to project identification, project description, project design parameters assumption, double counting and crediting period which were adequately addressed, resolved and closed in revised PD version 2. The resolution of each CAR and CL is represented in Appendix V of this report.

3.2 Application of Methodology

3.2.1 Title and Reference

Applicable methodology: The Project applies the Approved consolidated baseline and monitoring methodology ACM0002 Version 12.2.0^{/2/}.

3.2.2 Applicability

The project applies the approved consolidated baseline and monitoring methodology ACM0002 Version 12.2.0^{/2/}. The below section details how the project activity fulfills the applicability conditions of ACM 0002.

No	Criteria	Validation by DOE
1	This methodology is applicable to grid-connected renewable power generation project activities that (a) install a new power plant at a site where no renewable power plant was operated prior to the implementation of the project activity (greenfield plant); (b) involve a capacity addition; (c) involve a retrofit of (an) existing plant(s); or (d) involve a	From the on-site visit to the project sites and review of the commissioning certificates ^{/6/} and Power Purchase Agreements ^{/7/} & Energy wheeling agreements ^{/8/} and purchase orders, it was confirmed that all the WTGs are greenfield wind energy project supplying electricity to the Southern Grid. Therefore, it complies with this condition.

No	Criteria	Validation by DOE
	replacement of (an) existing plant(s).	
2	The methodology is applicable under the following conditions: The project activity is the installation, capacity addition, retrofit or replacement of a power plant/unit of one of the following types: hydro power plant/unit (either with a run-of-river reservoir or an accumulation reservoir), wind power plant/unit, geothermal power plant/unit, solar power plant/unit, wave power plant/unit or tidal power plant/unit;	It was confirmed from the on-site visit and commissioning certificates^{/6/} that the project activity is the installation of wind energy power plant supplying electricity to the Southern Grid. Therefore, it complies with this condition.
3	In the case of capacity additions, retrofits or replacements (except for wind, solar, wave or tidal power capacity addition projects which use Option 2: on page 11 to calculate the parameter EGPJ,y): the existing plant started commercial operation prior to the start of a minimum historical reference period of five years, used for the calculation of baseline emissions and defined in the baseline emission section, and no capacity expansion or retrofit of the plant has been undertaken between the start of this minimum historical reference period and the implementation of the project activity;	From the techno commercial offer letters^{/9/}, purchase orders^{/5/}, land documents^{/10/} and commissioning certificates^{/6/}, it was verified that the project activity is a Greenfield plant and that it did not involve a capacity addition or a retrofit or a replacement of an existing plant. Therefore, this condition is not relevant to the project activity
4	In case of hydro power plants: • One of the following conditions must apply: - o The project activity is implemented in an existing single or multiple reservoirs, with no change in the volume of any of reservoirs; or - o The project activity is implemented in an existing single or multiple reservoirs, where the volume of any of reservoirs is increased and the power density of each reservoir, as per the definitions given in the Project Emissions section, is greater than 4 W/m²; or - o The project activity results in new single or multiple reservoirs and the power density of each reservoir, as per the definitions given in the Project Emissions	It was confirmed from the onsite visit and commissioning certificates^{/6/} that the project activity is a wind power plant and not a hydro power plant. Therefore, this condition is not relevant to the project activity.

No	Criteria	Validation by DOE
	section, is greater than 4 W/m^2 .	
5	In case of hydro power plants using multiple reservoirs where the power density of any of the reservoirs is lower than 4 W/m^2 all the following conditions must apply: • The power density calculated for the entire project activity using equation 5 is greater than 4 W/m^2; • Multiple reservoirs and hydro power plants located at the same river and where are designed together to function as an integrated project that collectively constitute the generation capacity of the combined power plant; Water flow between multiple reservoirs is not used by any other hydropower unit which is not a part of the project activity; • Total installed capacity of the power units, which are driven using water from the reservoirs with power density lower than 4 W/m^2, is lower than 15MW; • Total installed capacity of the power units, which are driven using water from reservoirs with power density lower than 4 W/m^2, is less than 10% of the total installed capacity of the project activity from multiple reservoirs.	From the onsite visit to the project sites and commissioning certificates^{/6/}, it was confirmed that the project activity only contains the renewable components i.e. wind units and not hydro project. Therefore, this condition is not relevant to the project activity.
6	The methodology is not applicable to the following: • Project activities that involve switching from fossil fuels to renewable energy sources at the site of the project activity, since in this case the baseline may be the continued use of fossil fuels at the site; • Biomass fired power plants; • A hydro power plants that results in the creation of a new single reservoirs or in the increase in an existing single reservoirs where the power density of the power plant is less than 4 W/m^2.	From the onsite visit to the project sites and commissioning certificates^{/6/}, it was confirmed that the project activity only contains the renewable components i.e. wind units. . Therefore, this condition is not relevant to the project activity.

No	Criteria	Validation by DOE
7	In the case of retrofits, replacements, or capacity additions, this methodology is only applicable if the most plausible baseline scenario, as a result of the identification of baseline scenario, is the continuation of the current situation, i.e. to use the power generation equipment that was already in use prior to the implementation of the project activity and undertaking business as usual maintenance.	From the on-site visit to the project sites and the commissioning certificates ^{/6/} it was confirmed that the project activity is a Greenfield project. Therefore, this condition is not applicable

The validation team by reviewing the purchase orders, commissioning certificates and power purchase agreements & Energy wheeling agreements has concluded that the project activity is grid-connected wind power generation by installation of new power plant at a site where no renewable power plant was operated prior to the implementation of the project activity (Greenfield plant).

The electricity generated from the project activity will be supplied to the Southern Grid of India (for wheeling also, the electricity is brought to the intended user using Southern Grid only). The grid connectivity was verified through the power purchase agreements^{/7/} and energy wheeling agreements^{/8/} and physical connection to the grid at sites. Thus the validation team has concluded that the project activity complies with all the requirements of selected methodology ACM 0002 Version 12.2.0^{/2/}.

3.2.3 Project Boundary

As per the applied methodology, the project boundary is defined as “the spatial extent of the project boundary includes the project power plant and all power plants connected physically to the electricity system that the CDM project power plant is connected to.” It includes the wind turbine installations, transformers, metering equipment and regional electricity grid. The project activity is a renewable energy project and hence there are no emissions resulting from its implementation. The emissions of gases (CO₂) are attributed to the electricity produced in the Southern Grid. The project boundary was found to be in accordance with the requirements of the applied methodology which was confirmed during the on-site visit. Thus, the validation team concludes that the PD correctly describes the project boundary, including the physical delineation of the proposed VCS project activity.

One CL (CL 5) was raised for issues related to project boundary which were adequately addressed, resolved and closed in revised PD version 2. The resolution of each CAR and CL is represented in Appendix V of this report.

3.2.4 Baseline Scenario

As per the applied methodology, if the project activity is the installation of a new grid-connected renewable power plant/unit, the baseline scenario is electricity delivered to the grid by the project activity which would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources, as reflected in the combined margin (CM) calculations described in the “Tool to calculate the emission factor for an electricity system” (Version 2.2.1)^{/11/}. The validation team therefore confirms that the selected baseline scenario (Southern Grid) reasonably represents what would

happen in the absence of the project activity. Baseline emissions include only CO₂ emissions from electricity generation in fossil fuel fired power plants that are displaced due to the project activity.

One CL (CL 7) was raised for issues related to the baseline which were adequately addressed, resolved and closed in revised PD version 2. The resolution of each CAR and CL is represented in Appendix V of this report.

3.2.5 Additionality

As laid out in the ACM0002, “Tool for the demonstration and assessment of additionality” version 6.0^{/12/} is used for the justification of additionality of the concerned project activity. Since the baseline was pre-defined in the selected methodology, no further analysis was done in identifying the alternatives. For the project activity, Southern Grid is the baseline.

The project has proved additionality based on the following

- Investment analysis
- Common practice analysis

1) Investment Analysis

Choice of benchmark

The validation team has assessed the suitability of investment analysis approach being selected by the PP to prove that the project is additional, choice of benchmark and its input value. Table below provides the explanation and justification for the applied values for the project activity. The benchmark analysis has been chosen by PP since the project generates financial or economic benefits other than CDM related income and the alternative to the project is not considered as an investment.

The justification of choosing the benchmark is given below:

Parameter	Justification by the validation team
Investment decision Source: Respective board resolutions ^{/13/}	The validation team has reviewed the respective board decisions of investors which are in accordance with the details mentioned below and considered appropriate for serious consideration of seeking carbon credit. The investment decision dates for each WTG is reported in Appendix II of this report
Choice of approach selected for proving the proposed project is additional = Investment analysis. (for all the WTGs) Source: “Tool for the demonstration & assessment of additionality” version 6.0. ^{/12/}	PP has selected investment analysis to prove that the project is not financially feasible. The project participant has chosen to demonstrate additionality through application of additionality tool version 6.0 ^{/12/} and Guidelines on the assessment of investment analysis EB 62 Annex 5 ^{/14/} . The project activity has demonstrated additionality through investment analysis in step 2 of the additionality tool and has not opted for barrier analysis. The

	validation team has accepted the approach.
Appropriate analysis method = Benchmark analysis (for all the WTGs) Source: “Tool for the demonstration & assessment of additionality” version 6.0^{/12/}	PP had the option of choosing simple cost analysis, investment comparison analysis or benchmark analysis. The validation team found that the PP has selected benchmark analysis. The validation team has assessed the rationale behind choosing benchmark analysis method as the appropriate analysis method to prove that the project is not financially feasible. Simple cost analysis method is appropriate if the proposed project activity generates no financial benefits other than CDM related income. As the project activity generates revenue by selling the electricity to the grid, the rationale behind opting out of simple cost analysis is accepted by the validation team. Investment comparison analysis method is appropriate if the proposed baseline scenario leaves the PP no other choice than to make an investment to supply the same (or substitute) products or services. As the baseline identified for the project activity is importing electricity from the grid and which does not involve an investment, the rationale behind the opting out of investment comparison analysis method is accepted by the validation team. Benchmark analysis method is appropriate if the alternative to the project activity is the supply of electricity from a grid. As the alternative for the project activity is supply of electricity from a grid, the rationale behind choosing benchmark analysis is accepted by the validation team.
Risk free return = 7.23% to 8.12% (for all the WTGs) Source: Reserve bank of India website^{/16/}	The risk free rate is understood as the rate of return on an asset that is theoretically free of any risk. Therefore, the rate of interest on central government securities can be considered as risk free rate. PP considered month-end yield to maturity of transaction in central government securities for various residual maturities for the risk free rate. The maturity period of 20 years is found to be matching with life time of the project (20 years). The validation team found that the input value was available at the time of investment decisions which is in line with para 6 of investment guideline. Hence the validation accepts the value as correct and reasonable. The risk free return for each WTG is reported in Appendix IV.

Market return =16.66% to 20.28% (for all the WTGs) Source: BSE 500 indices^{/16/}	The expected market returns have been arrived using the share prices that prevailed during the period prior to the time when the investment decision was taken. To reflect the true rate of return of the market, the BSE 500 wherein all the power companies are included in the index hence accepted. In view of the above findings, the validation team accepted the BSE 500 index to calculate the market return. The market return for each WTG is reported in Appendix IV.
Beta =1.1792 (for all the WTGs) Source: BSE 500 indices- Bloomberg^{/17/}	Beta indicates the sensitivity of the company to market risk factors. The project activity type is wind power generation therefore the approach should be based on the beta values of listed wind power generation companies in India. As the project activity belongs to power generation and five listed power generation companies were taken to evaluate Beta. Beta values are evaluated using the following formula Beta = Covariance between monthly market return and monthly stock return / Variance of monthly market return. The applicable Beta value is found to be determined as the average of the Beta values of the power generating companies. The period of five years is considered for the project activity as it is the maximum period that covers all the five power companies selected for the beta calculation and is considered appropriate. The beta for each WTG is reported in Appendix IV.
Expected cost of equity =18.35% to 22.62% Source: CAPM model^{/18/}	Cost of equity = Risk free return + Beta x (Market return – Risk free return) Based on the evidence provided for the cost of equity available at the time of decision making, the benchmark was confirmed to be available at the time of investment decision and appropriate to the financial indicator selected for the project activity. Therefore, the validation team concludes that the benchmark selected by PP is suitable for the financial indicator and the selected benchmark is appropriate and correct. The cost of equity for each WTG is reported in Appendix IV.

One CL (CL 9) was raised for issues related to benchmark which was adequately addressed, resolved and closed in revised PD version 2. The resolution of each CAR and CL is represented in Appendix V of this report.

Choice of financial Indicator

The validation team assessed the timing of availability of the input values like capacity, number of machines, O&M cost and its escalation, insurance charges, tariff, project cost, Tax Depreciation rate, Book depreciation rate, Income tax rate and found that the values are readily available to the PP during the investment decision meeting in which the PP took the investment decision. The assessment and evaluation of the input parameters used in the IRR calculations has been done in conformance with VCS requirements. All the input parameters applied in the IRR calculations were found to be suitable and accurate; these were cross-checked with the supporting documents and publically available sources. Table below provides the explanation and justification for the applied values for the project activity.

Parameter / Value/ Source	Justification
Financial indicator = Post tax Equity IRR (for all the WTGs)	PP has opted for Equity IRR for all the sub projects. As per Para 9 and 10 of the investment guidelines ^{/14/} (EB 62 Annex 5), the validation team has accepted the approach as correct.
Capacity of WTG =0.225 MW to 1.65 MW (for all the WTGs) Source: Respective techno commercial offers ^{/9/}	The validation team reviewed Techno commercial offers provided by the WTG suppliers to the PP and purchase orders for the project. The documents indicated the number of WTGs and capacity in each project. PP considered the capacity of WTGs from the techno commercial letters offered by the WTG supplier which is available at the time of investment decision and is found to be matching with the respective purchase orders ^{/5/} and cross verification during the onsite visit. Hence, the capacity of the project activity confirmed to be correct. The capacity of each WTG is reported in Appendix II.
Period of assessment = 20 years (for all the WTGs) Source: TNERC tariff order dated 20th March 2009 ^{/18/}	The validation team checked the input value against the requirement of paragraph 3 of investment guideline which stipulates that the period of assessment shall at least be in tune with the life time of the project activity. PP has taken the period of assessment of financial indicator (i.e. post-tax equity IRR) in tune with the operational lifetime of the respective WTGs. By considering the period of assessment of 20 years based on the latest tariff order available at the investment decision of the respective WTGs, the input value is satisfying the requirement of para 3 of investment guideline. The validation team accepted the input value as appropriate.

Capital cost =INR 54.54 Million/MW to INR 69.99 Million/MW (for all the WTGs) Source: Respective techno commercial offers^{/9/}	The offered price of the project was found to be readily available at the time the investment decision was taken by the investors. The validation team verified the offer letters and found them to be in accordance with paragraph 6 of Guideline EB 62 Annex 5. The validation team cross-checked the input values with the actual values by reviewing the purchase orders^{/5/} and found that the % departure of individual WTGs are included in its respective sensitivity analysis, hence the validation team has accepted the value. The project cost/MW of each WTG is reported in Appendix II. The validation team has crosschecked the capital cost with that prescribed in TNERC tariff order dated 20th March, 2009, and found that the capital cost is mentioned as INR 53.5 Million/MW. The validation team has found that the resultant equity IRR for each WTG with this value is also less than its validated benchmark.
Plant Load Factor (PLF) =21.93% to 26.95% Source: Respective Third party assessment report^{/19/}	The PLF applied is considered from the third party assessment report prepared for each sub project. The validation team verified the document and found them to be in line with the requirements of paragraph 3 (b) of “Guidelines on Reporting and Validation of Plant Load Factors” EB 48 Annex 11^{/20/}. The validation team has cross-checked the input values with their actual annual PLF by reviewing generation reports^{/21/} for each WTG from the commissioning dates until December 2012 and found that even with actual values of PLF, the financial indicator does not cross its respective validated benchmark. Hence accepted the values as correct. The PLF of each WTG is reported in Appendix II. The validation team has crosschecked the capital cost with that prescribed in TNERC tariff order dated 20th March, 2009, and found that the PLF is mentioned as 27.15%. The validation team has found that the resultant equity IRR for each WTG with this value is also less than its validated benchmark.
Debt/Equity ratio= 70%:30% (for all the WTGs) Source: TNERC tariff order dated 20th March 2009^{/18/}	The input values are sourced from the tariff orders referred. The referred documents are found to be available to the wind investors at the time of their investment decisions respectively. The debt applied are hence are in line with paragraph 6 of investment guideline. The validation team has cross-checked the input value with their respective loan sanction letters and found that the resultant financial indicators with the actual debt component does not cross the benchmark. In view of the above results, the validation team accepted the input value as reasonable.

Tariff			By reviewing the financial sheets, the validation team has found that for the WTGs which are captive in nature, input values are sourced from the electricity bills and for the WTGs which are sale to grid, input values are sourced from latest TNERC tariff orders available at the time of its investment decisions. The validation team has reviewed the electricity bills^{/22/}, tariff orders^{/18/} and found that input values are as per para 6 of investment guidelines. The validation team cross checked the input value latest electricity bills^{/22/} (for WTGs which are captive in nature) and with respective energy purchase agreements^{/7/} (EPA) signed (for WTGs which sell electricity to the grid) and found that the value is exactly matching and hence accepted the input values.
WTGs	Tariff	Source	
WTGs which are captive in nature	INR 4.20/kWh	Electricity bills ^{/22/}	
WTGs which are sale to grid	INR 3.39/kWh	TNERC tariff order dated 20th March 2009 ^{/18/}	
Wheeling charges = 5% (for all the WTGs which are captive in nature) Source: TNERC tariff order dated 20th March 2009^{/18/}			The validation team reviewed the tariff orders^{/18/} and found that for the WTGs which are captive in nature, wheeling charge of 5% is applicable. The validation team has crosschecked the input value with the latest invoices and found to be matching.
O & M expenses =1.1% of the project cost Source: TNERC tariff order dated 20th March 2009^{/18/}			The O&M charges were mentioned in the latest tariff orders^{/18/} available at the time of its investment decision. The validation team verified the document and found it to be in accordance with paragraph 6 of Guideline EB 62 Annex 5. The validation team has cross-checked with the actual values by reviewing the signed copy of O&M agreements^{/23/} and independently calculated the financial indicator with the actual scenario and found that even with the actual scenario, the resultant financial indicator does not cross its validated benchmark. Hence, the applied value is acceptable. To substantiate further, the sensitivity analysis has been done as per para 20 and 21 of investment guideline and found that even the decrease of 10% from the base value does not bring the IRR beyond the benchmark. Hence, the applied value is reasonable and acceptable.

Annual insurance =0.75% of the project cost Source: TNERC tariff order dated 20th March 2009^{/18/}	The insurance values are mentioned in the latest tariff order available at the time of investment decision. The validation team verified the document and found it to be in accordance with paragraph 6 of Guideline EB 62 Annex 5. The input value of each WTG was cross checked with its zero premium and the resultant financial indicator is not crossing the validated benchmark hence it is acceptable.
Interest rate = 11.50 % to 13.625% (for all the WTGs) Source: RBI website^{/24/}	It was verified that the input value of each WTG was sourced from the RBI website^{/24/} available at the time of investment decision. The validation team crosschecked the input value of each WTG with corresponding loan sanction letters and calculated the financial indicator with the actual values and found that the resultant values are not crossing its validated benchmark, hence accepted the input value. The repayment years and moratorium values are also sourced from the latest tariff orders^{/18/} available at the time of investment decision. Interest rate values of each WTG are reported in Appendix II.
Loan processing charges =1.12% of debt portion (for all the WTGs) Source: IREDA guideline^{/25/}	The loan processing charges are taken from IREDA document^{/25/} which was available at the time of investment decision and is the most authentic source and hence accepted by the validation team.
Book depreciation = 4.5 % (for all the WTGs) Source: TNERC tariff order dated 20th March 2009^{/18/}	Annual book depreciation is sourced from draft discussion papers which were available at the time of investment decision. Hence, the applied value is accepted as reasonable. The validation team also found that the fair value of the project cost (salvage value) at the end of the assessment period is included as a cash inflow in the final year which is in line with para 4 of EB 62 Annex 5. The validation team also found that the book depreciation which is deducted in estimating profit before tax on which tax is calculated, is added back to profit after tax for the purpose of calculation of financial indicator.
Tax depreciation=80% (for all the WTGs) Source: Appendix I of Income tax act^{/26/}	The applicable corporate tax is sourced from Income Tax Act available at the time of investment decision and the calculation is correctly implemented. Hence, it is considered reasonable. The data was also available to the PP at the time of investment decision.

The post tax equity IRR in comparison with the Benchmark with VCS revenue and without VCS revenue is depicted in the Appendix 1:

Three CLs (CL 8, CL 9 and CL 10) were raised for issues related to additionality which were adequately addressed, resolved and closed in revised PD version 2. The resolution of each CAR and CL is represented in Appendix V of this report

Sensitivity analysis

As per para 20 and 21 of the investment guideline, the variables, including the initial investment cost, that constitute more than 20% of either total project costs or total project revenues should be subjected to reasonable variation. The departure variations in the sensitivity analysis should at least cover a range of +10% and -10%. A sensitivity analysis was conducted on variables that constitute more than 20% of either project costs or project revenues. The project cost, PLF, Tariff and O&M cost are the parameters that are subjected to reasonable variation and the results are documented in the PD and found to be reproducible in the financial sheets. Variations in the sensitivity analysis cover a range of +10% and -10%, and results show that the project activity does not cross the benchmark in any of the scenarios. The results of sensitivity analysis were evaluated and were found to be correct. They indicate conservativeness and robustness of the parameters used for the investment analysis. The revenues of project activity would be insufficient to justify the required investment and it is observed that with the benefits of VCS the project is favorable option to invest. Hence, the project is concluded to be additional and VCS revenue is considered imperative to bridge the gap between IRR and the benchmark. The result of the sensitivity analysis is indicated in Appendix III.

Based on the evaluation it was evidenced that returns from the project without the revenue from VCS are less than the benchmark. Hence, it is confirmed that proposed CDM project activity would not be economically feasible without the revenue from the sale of verified emission reductions (VERs). In this context, the project activity is considered additional.

2. Common practice analysis

The common practice has been analyzed based on “Tool for the demonstration and assessment of additionality “Version 6.0^{12/} (hereinafter referred to as the additionality tool) for the measures that are listed in paragraph 6 of the “Demonstration and assessment of Additionality” tool as the project activity uses of renewable technology (wind power). As the proposed project activity is a large scale project activity (i.e., 236.05 MW), PP has furnished a common practice analysis as required by the additionality tool. PP has done common practice analysis to complement the investment analysis.

Value	Justification by the validation team
Measure= Switch of technology with or without change of energy source	The validation team has observed that the baseline to the proposed project activity is Southern Grid which consists of power plants like Thermal (Energy source- coal, Gas, diesel), Hydro (Energy source- Water energy), Nuclear (Energy source- Chemical energy of Uranium) and Solar (Energy source- Solar light) which uses different technologies. Thus the validation team has concluded that the project activity falls under the measure- Switch of technology with or without change of energy source. The measure of the project activity thus falls under those indicated in paragraph 6 of the

	additionality tool.																				
Applicable output range =118.025 MW to 354.075 MW	The capacity of the proposed project activity is 236.05 MW. Hence the output ranges 118.025 MW (50% of project capacity) to 354.075 MW (150% of project capacity).																				
Applicable geographical area= Tamilnadu	Tamilnadu is selected as the applicable geographical area as the tariff regulations for all the technologies are formulated by TNERC, nodal agency for formulating rules and regulations for the projects set up in Tamilnadu, taking into account the local conditions etc. that makes projects located in Tamilnadu unique and distinct to that located in other states of India. Hence the validation team has concluded that the selected geographical area is accepted.																				
Output = Electricity generation	All the identified power plants deliver the same output i.e. electricity generation. Hence validation team has accepted.																				
N _{all} = 35	The validation team has reviewed all the power plants available that have started commercial operation before the start date of the project activity (16th February 2010) within the identified range and applicable geographical area. The validation team has also observed that the registered CDM/VCS projects or pipeline projects are being excluded from the analysis which is as per the additionality tool. The following table lists the identification of power plants in the applicable output range. <table border="1"> <thead> <tr> <th>Technology</th><th>Projects in applicable output range</th></tr> </thead> <tbody> <tr> <td>Thermal</td><td>29</td></tr> <tr> <td>Hydro</td><td>4</td></tr> <tr> <td>Nuclear</td><td>2</td></tr> <tr> <td>Wind</td><td>0</td></tr> <tr> <td>Solar</td><td>0</td></tr> <tr> <td>Biomass</td><td>0</td></tr> <tr> <td>Tidal-Mechanical & Thermal</td><td>0</td></tr> <tr> <td>Geothermal</td><td>0</td></tr> <tr> <td>Total</td><td>N_{all} =35</td></tr> </tbody> </table>	Technology	Projects in applicable output range	Thermal	29	Hydro	4	Nuclear	2	Wind	0	Solar	0	Biomass	0	Tidal-Mechanical & Thermal	0	Geothermal	0	Total	N_{all} =35
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Option used for identifying different technology = Energy source/fuel (option a)	PP has used Energy source/fuel option (option a) to differentiate the proposed project technology (i.e wind power plant) from that of other power plants. The validation team accepted the approach. <table border="1"> <thead> <tr> <th>Technology</th><th>Similar technology or different technology</th></tr> </thead> <tbody> <tr> <td>Thermal</td><td>Energy source =Coal /Different technology</td></tr> </tbody> </table>	Technology	Similar technology or different technology	Thermal	Energy source =Coal /Different technology																
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N _{diff} =35	Based on the approach used to differentiate the proposed project from the other power plants, number of projects different to the proposed project activity is identified below. <table> <tr> <th>Technology</th><th>Projects different to the proposed project activity</th></tr> <tr> <td>Thermal</td><td>29</td></tr> <tr> <td>Hydro</td><td>4</td></tr> <tr> <td>Nuclear</td><td>2</td></tr> <tr> <td>Solar</td><td>0</td></tr> <tr> <td>Biomass</td><td>0</td></tr> <tr> <td>Tidal</td><td>0</td></tr> <tr> <td>Geothermal</td><td>0</td></tr> <tr> <td>Total</td><td>N_{diff} =35</td></tr> </table>	Technology	Projects different to the proposed project activity	Thermal	29	Hydro	4	Nuclear	2	Solar	0	Biomass	0	Tidal	0	Geothermal	0	Total	N_{diff} =35
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Geothermal	0																		
Total	N_{diff} =35																		
F= 0	PP has correctly calculated the factor F and validation team has concluded that the penetration rate of wind power plant within the identified range in Tamilnadu is zero. Thus condition a (F>0.2) is not satisfied.																		
N _{all} -N _{diff} =0	PP has correctly calculated N _{all} -N _{diff} and hence condition b (N _{all} -N _{diff} = 3) is also not satisfied.																		
Proposed project activity= Not a common practice	As per paragraph 47 of additionality tool, the proposed project activity is a common practice if both the above conditions are satisfied. Since both the conditions are not satisfied, the validation team has concluded that the proposed project activity is not a common practice within the sector (renewable energy sector) in																		

	Tamilnadu. The validation team has also observed that all the previous wind projects of PP listed below had also applied for VCS/CDM benefits. 1) Bundled Wind Power Project in Tamilnadu, India, co-ordinated by Tamilnadu Spinning Mills Association (TASMA 1) 2) Bundled Wind Power Project in Tamilnadu, India, co-ordinated by Tamilnadu Spinning Mills Association (TASMA 2) 3) Bundled Wind Power Project in Tamilnadu, India, co-ordinated by Tamilnadu Spinning Mills Association (TASMA 2A) 2) Bundled Wind Power Project in Tamilnadu, India, co-ordinated by Tamilnadu Spinning Mills Association (TASMA 2B)
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One CL (CL 13) was raised for issues related to common practice analysis which was adequately addressed, resolved and closed in revised PD version 2. The resolution of each CAR and CL is represented in Appendix V of this report.

3.2.6 Quantification of GHG Emission Reductions and Removals

Parameters determined ex-ante

The following parameters were available during the validation and will remain fixed throughout the crediting period:

1. Grid emission factor for Southern Grid (EF_{grid}, = 0.91547 tCO₂/MWh)
2. Operating margin CO₂ emission factor for Southern Grid (EF_{grid} OM, y = 0.96729 tCO₂/MWh)
3. Build margin CO₂ emission factor for Southern Grid (EF_{grid} BM, y = 0.76 tCO₂/MWh)

The grid emission factor (EF_{grid}) was calculated from the operating margin (OM) CO₂ emission factor and build margin (BM) CO₂ emission factor, referenced from “CO₂ Baseline Database for Indian Power Sector”^[27] Version 6 by Central Electricity Authority (CEA). The weighting of operating margin emission factor and weighting of build margin emission factor are 0.75 and 0.25, respectively. The calculation of OM and BM is as per the version 2.2.1 of “Tool to calculate Emission Factor for an Electricity System”^[11]. The grid emission factor (combined margin) was verified and was found to be correct. The validation team confirmed that parameters, values chosen were appropriate, transparent and conservative.

Parameters determined ex-post

The project uses the monitoring methodology based on “Approved consolidated baseline and monitoring methodology ACM0002 Version 12.2.0”^[2]

With respect to the project activity the only parameter that requires a continuous measurement and monthly recording is the amount of electricity (EG_y in MWh) that is generated by the project activity. The electricity supplied to the grid by each WTG is calculated from the metered reading connected at the

respective secondary side of transformers which can be cross checked with invoices. This approach is applied for the all the WTGs. In addition, the grid emission factor ($EG_{grid,CM,y}$) is taken *ex-ante*.

The GHG source for calculation of the Baseline has been chosen as CO₂ and no other sinks or reservoirs for either the baseline or the project activity have been identified. As per ACM0002, the baseline emission sources considered are CO₂ emissions from electricity generation in fossil fuel fired power plants that is displaced due to the project activity. As required under ACM0002, project participant has calculated the baseline emissions by multiplication of the electricity supplied by the project activity and the grid emission factor.

As described in ACM0002, the project emissions are to be considered as zero. With reference to this methodology, project does not lead to any leakage. The validation team assessed the calculations of estimated VCUs as provided by project participant in a spreadsheet.

The estimated VCU is 4,173,925 tCO₂e over the crediting period 10 years which represents a reasonable estimation using the assumptions given by the project. All the assumptions for this estimate either come from the assumptions used for investment analysis or grid emission factor as taken from CEA website. The validation team confirms that the estimates of baseline emissions can be replicated using the information provided and the formulas are correctly applied and the calculations done in a transparent way.

One CAR (CAR 2) and three CLs (CL 4, CL 6 and CL 17) were raised on the issue of VER estimation used in the PD based on review of the Emission reduction calculation sheet. The issue was adequately addressed, resolved and closed in revised PD version 2. The resolution of the relevant CAR is represented in Appendix V of this report.

The only identified parameter contributing to uncertainty of GHG calculations is the PLF, which has been taken in a conservative way such that the anticipated emission reductions are not over estimated.

3.2.7 Methodology Deviations

There is no methodology deviation applied to the project.

3.2.8 Monitoring Plan

Description of the monitoring plan

According to the ACM 0002 methodology, there are only 2 variables that a windmill project needs to monitor. These are EGy (Energy Generated) and $EF_{grid,CM,y}$ (Grid Emission Factor). $EF_{grid,CM,y}$ has been taken as *ex-ante* and remains constant throughout the crediting period. EGy is monitored and measured as explained above. The on-site visit confirmed that Net electricity supplied to the grid is measured through the meter readings of the energy meters installed by electricity board, which have facility to record export and import of energy.

Project participant has provided for electronic archiving of all the monitored data and its availability 2 years after the end of the last crediting period. The monitoring plan also describes requirements for calibration of all the measurement equipment used for monitoring the project activity variables. The main meters will be calibrated as per guidelines provided by CEA. The accuracy class of the main meters shall

not be inferior to 0.5s and the calibration frequency is 5 years. The monitoring frequency for EGy matches with that of the methodology, viz. hourly measurement and monthly recording. The cross checking is provided through the use of the invoices receipts. Project participant has included a few other variables in the monitoring plan (Total electricity imported, Total electricity Exported) to account for the uncertainty where the dates of the recorded data may not coincide with the verification period. The PD also describes additional procedures to deal with data uncertainty, to address the failure of measuring and monitoring equipment etc. The validation team therefore agrees that the project activity meets all the applicability conditions and all other stipulations of the selected approved methodology ACM0002 Version 12.2.0.

The validation team physically verified the metering system installed at the WTGs and at the substations of the project activity. Validation team confirmed that the description in the revised PD version 2 represents the metering system available at the project activity sites.

The generated electricity data will be directly used for calculation of Baseline emissions after cross checking with the electronic records maintained at the site. $EF_{grid,CM,y}$ is fixed on ex-ante basis for the crediting period which is in line with the Emission Factor tool as required by the methodology. PP has provided for electronic archiving of all the monitored data and its availability 2 years after the end of the last crediting period. The Validation team therefore concludes that the monitoring plan adequately describes the collection and archiving of the data used for the calculation of the Baseline Emission.

The Project Document describes the responsibility and authority for registration, monitoring, measurement, reporting and archiving in Section 3.4 of the PD.

Two CARs (CAR 3 and CAR 4) and six CLs (CL 14, CL 15, CL 16, CL 18, CL 19, and CL 20) were raised for issues related to Monitoring which was adequately addressed, resolved and closed in revised PD version 2. The resolution of each CAR and CL is represented in Appendix V of this report.

3.3 Environmental Impact

As per the Ministry of Environment and Forests (MoEF), Government of India notification^{/28/} dated 14 September 2006 regarding Environment Impact Assessment studies as per the Environment Protection Rule, 1986 (Published in the Gazette of India, Extraordinary, Part-II, and Section 3, Sub-section (ii) MINISTRY OF ENVIRONMENT AND FORESTS), the project is not categorized to conduct EIA. The required clearance was obtained from the authorities as recommended by the procedures followed by the host government.

There were no significant Environmental impacts of project on environment.

3.4 Comments by stakeholders

An on-site local stakeholder questionnaire survey was conducted by TASMA on 10th November 2011 for collecting comments about the Project activity. TASMA has their regional representatives located in various districts of Tamilnadu where WTGs are located. The stakeholders were farmers, fishermen, teaching institutions, local body representatives, media, government officials, NGO/Trade Unions and professionals. In order to undertake the feedback transparently, TASMA instructed their regional representatives to circulate the questionnaire randomly to the local stakeholders in nearby villages/towns of installed WTG sites. The regional representatives also distributed a significant number of

Questionnaires to the local village Panchayat office and requested them to notify local residents to provide their feedback on the proposed project activity. The regional representatives collected the completed Questionnaires from the stakeholders who were willing to provide their feedback. All documentation was in English and further translated into the regional language wherever necessary by the regional representatives of TASMA. A total of 108 number of questionnaires were given to the stakeholders and the duly filled in questionnaire with signature and address were obtained by the PP. A brief introduction of the VCS project activity was also given to the attendees along with the questionnaire.

The stakeholders provided their feedback on the initiative taken up by the PP. All the stakeholders expressed that they were glad to know the proposed project would contribute to mitigate global warming and improving local economy driven by the installations of WTGs by TASMA members. The feedback in the questionnaire also reflects that the stakeholders agreed that the project activity is helpful in the socio-economic upliftment of the people in the neighboring area and also supported the project as they believe the project is environmentally sound and it would lead to an overall development of the area by generating employment and improving infrastructure. The local village people unanimously agreed that due to this project activity the employment opportunities for the local people have increased to some extent. All comments are positive and no negative comments were received from the local villagers about the project activity.

One CL (CL 21) was raised on the issue of local stakeholder consultation conducted for the project activity. The issue was adequately addressed, resolved and closed in revised PD version 2. The resolution of the relevant CAR is represented in Appendix V of this report. .

4 VALIDATION CONCLUSION

SIRIM QAS performed a validation of the proposed VCS project “Bundled Wind Power Project in Tamilnadu, India, co-ordinated by Tamilnadu Spinning Mills Association (TASMA V2)”. The validation was carried out to independently assess whether the project confirms to the qualification criteria and requirements of the Voluntary Carbon Standard (VCS) Version 3, including the baseline and monitoring methodology applied. The VCS program provides the standard and framework for independent validation based on ISO 14064-2:2006 and ISO14064-3:2006 standards.

The validation was performed using a risk based approach, the review of the project description and the subsequent follow-up interviews provided SIRIM QAS Intl. with sufficient evidence to determine the fulfilment of the stated criteria.

The project participant is Tamilnadu Spinning Mills Association (TASMA). The project applies the approved baseline and monitoring methodology “Consolidated baseline methodology for grid-connected electricity generation from renewable sources” ACM 0002 Version 12.2.0.

The project activity is a bundled VCS project activity by PP which involves installation of 396 WTGs totaling to 236.05 MW. The project will result in the reduction of greenhouse gas emissions that are real, measurable and give long term benefits to the mitigation of climate change. It is demonstrated that the project faces an investment barrier that would prevent its implementation without the VCU revenue, as the financial indicator is lower than the validated benchmark. Emissions reductions from the project are hence additional to any that would occur in the absence of the project activity.

The GHG emission calculations are documented in a complete and transparent manner. The formulae and methodologies for accounting GHG emissions are appropriate and emission factors are deemed to be of sufficient accuracy. The total emission reductions from the project if implemented as envisaged in the PD version 2 dated 15th January 2012 are 4,173,925 tCO₂e over the 10-year crediting period. The emission reductions forecast has been checked and it is deemed likely that the stated amount is achievable on the basis that the underlying assumptions do not change.

The monitoring plan is in line with the approved monitoring methodology of ACM 0002 Version 12.2.0. The plan adequately addresses all necessary information for monitoring and reporting of emissions reductions due to the project activity. Responsibilities and authorities for project management, monitoring and reporting, and the data quality control and quality assurance procedures have been described in the PD.

There is no requirement for an EIA by the host country. The project is not likely to create any significant adverse environmental impacts. The project complies with all environmental regulations of India.

In summary, it is SIRIM QAS Intl.'s opinion that the "Bundled Wind Power Project in Tamilnadu, India, co-ordinated by Tamilnadu Spinning Mills Association (TASMA V2)", as described in the PD version 2 dated 15th January 2012, meets all relevant VCS Version 3 requirements, is eligible as category I of the Large scale renewable energy generation project type and correctly applies the baseline and monitoring methodology specified in ACM 0002 (version 12.2.0).

As such, SIRIM QAS Intl. recommends the registration of the project as a VCS project activity.

Prepared by :

Approved by :



Dr. G. Vishnu
(Validation Team Leader)



Parama Iswara Subramaniam
(VVB Representative)

5 References

Ref. No.	Document or Type of Information
/1/	VCS Version 3 Standard, Program guidelines, Registration and Issuance guidance document
/2/	CDM approved consolidated baseline methodology ACM 0002 Version 12.2.0
/3/	VCS Project Description (PD) Version 1 and annexures
/4/	VCS Project Description (PD) Version 2 and annexures
/5/	Purchase orders
/6/	Commissioning certificates
/7/	Energy Purchase Agreements/ Energy Wheeling Agreements
/8/	Offer letters
/9/	Land documents
/10/	Undertaking letter from TASMA
/11/	Tool to calculate the emission factor for an electricity system Version 2.2.1
/12/	Tool for the demonstration and assessment of additionality (Version 6.0)
/13/	Board resolution letters
/14/	Guidelines for Investment analysis (Version 5)
/15/	RBI website for Risk free return
/16/	BSE 500 indices for market return
/17/	BSE 500 indices for beta –Bloomberg
/18/	TNERC Tariff orders 2009
/19/	PLF reports
/20/	Guidelines for PLF estimation EB 48 Annex 11
/21/	Generation reports
/22/	Electricity bills
/23/	O&M agreements
/24/	RBI website for interest rates
/25/	IREDA guidelines
/26/	Income tax act
/27/	CEA database version 6.0
/28/	MoEF notification

Appendix I: Project description

Sl. No.	Comp Code	Name of the Sub-bundle Owners	No. of WT Gs	Capacity of each WTG (In MW)	Total Capacity (In MW)	HTSC. No	Comm. Date/Captive or sale to grid	WTG Make	Village	Latitude (N)	Longitude (E)
1	C0002	A.P.A. Textiles India Pvt. Ltd.,	1	0.600	0.600	750	27-03-10/Captive	RRB	Bogampatti, Coimbatore	10.90	77.09
2	C0003	AA Fashion Wear Pvt. Ltd.,	1	0.600	0.600	162	31-03-10/Captive	RRB	Varapatti, Coimbatore	10.90	77.18
3	C0005	Ambika Cotton Mills Ltd.,	8	1.500	12.000	9	17-08-10/Captive	REGEN	Vallalnathi, Theni	9.93	77.52
4						10	17-08-10/Captive	REGEN	Vallalnathi, Theni	9.94	77.53
5						11	17-08-10/Captive	REGEN	Thekkampatty, Theni	9.94	77.53
6						12	17-08-10/Captive	REGEN	Thekkampatty, Theni	9.94	77.53
7						13	17-08-10/Captive	REGEN	Vallalnathi, Theni	9.93	77.54
8						14	18-08-10/Captive	REGEN	Marikundu, Theni	9.96	77.55
9						15	26-08-10/Sale to grid	REGEN	Vallalnathi, Theni	9.94	77.53
10						16	26-08-10/Sale to grid	REGEN	Koduvilarpatti, Theni	9.96	77.50
11	C0006	Angalakshmi Spinning Mill	2	0.600	1.200	3144	29-03-10/Captive	RRB	Keelaveeranam, Tirunelveli	8.92	77.51
12						3145	29-03-10/Captive	RRB	Keelaveeranam, Tirunelveli	8.93	77.51
13	C0007	Annamalaiyar Spinners	1	0.600	0.600	746	27-03-10/Sale to grid	RRB	Bogampatti, Coimbatore	10.89	77.10
14	C0012 A	Arunachala Gounder Textile Mills Pvt. Ltd.,	1	0.850	0.850	14	19-08-10/Captive	GAMESA	Govindanagaram, Theni	9.93	77.49
15	C0012 B	Arunachala Gounder Textile Mills Pvt. Ltd.,	2	0.600	1.200	1843	31-03-10/Captive	RRB	Moolarapatti, Tirupur	10.75	77.40
16						1844	31-03-	RRB	Moolarapatti,	10.76	77.40

							10/Captive		Tirupur		
17	C0013	Arun's Engineering Works	1	0.250	0.250	758	30-03-10/Sale to grid	PIONEER	Vadugapalayam, Tirupur	10.95	77.27
18	C0014	B.M.M Paper Board (P) Ltd.,	1	0.850	0.850	82	18-05-10/Captive	GAMESA	Vallalnathi, Theni	9.90	77.51
19	C0015	Bala Vimodhan Power Process Pvt. Ltd.,	1	0.225	0.225	1803	31-03-10/Sale to grid	SOUTHERN WIND	Maruthur, Tirupur	10.48	77.24
20	C0016	Balu Wind Power Pvt. Ltd.,	7	0.250	1.750	1871	18-06-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.46	77.22
21						1872	18-06-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.46	77.22
22						1873	18-06-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.46	77.22
23						1874	18-06-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.45	77.22
24						1838	31-03-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.46	77.23
25						1839	31-03-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.46	77.23
26						1870	18-06-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.46	77.22
27	C0017	BRN Jewellery	1	0.250	0.250	1796	31-03-10/Sale to grid	PIONEER	Moolarapatti, Tirupur	10.75	77.39
28	C0018	BSM Wind Energy Pvt. Ltd.,	8	0.250	2.000	1868	18-06-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.45	77.22
29						1875	18-06-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.45	77.22
30						1869	18-06-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.45	77.22
31						1956	30-09-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.44	77.20
32						1955	30-09-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.44	77.21
33						1958	30-09-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.46	77.22

34						1888	07-09-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.44	77.21
35						1894	21-09-10/Captive	CHIRANJJ EEVI	Munduvlampatti, Tirupur	10.44	77.22
36	C0021	C.M.B. Spinning Mills	1	0.600	0.600	781	31-03-10/Sale to grid	RRB	Varapatti, Coimbatore	10.93	77.19
37	C0022	Chenduran Cotspin (India) Pvt. Ltd.,	2	0.850	1.700	6	17-08-10/Captive	GAMESA	Vallalnathi,Theni	9.93	77.51
38						8	17-08-10/Captive	GAMESA	Thadicheri, Theni	9.93	77.49
39	C0024	Chiranjeevi Wind Energy Ltd.,	3	0.250	0.750	159	31-03-10/Sale to grid	CHIRANJJ EEVI	Varapatti,Coimba tore	10.55	77.12
40						785	31-03-10/Sale to grid	CHIRANJJ EEVI	Mallegoundampal ayam, Tirupur	10.53	77.10
41						3206	01-04-10/Sale to grid	CHIRANJJ EEVI	Poigai, Tirunelveli	9.03	77.40
42	C0025	Chithiradevi	1	0.225	0.225	1757	27-03-10/Sale to grid	SOUTHER N	Munduvlampatti, Tirupur	10.45	77.23
43	C0027	Concorde Textiles	1	0.600	0.600	3050	19-03-10/Sale to grid	RRB	Poigai, Tirunelveli	9.05	77.41
44	C0028	D.A.R. Paradise Retail Division	1	0.225	0.225	1801	31-03-10/Sale to grid	SOUTHER N	Maruthur, Tirupur	10.75	77.42
45	C0031	Ever Mellow Energy (India) Pvt. Ltd.,	1	0.850	0.850	28	17-09-10/Captive	GAMESA	Vallalnathi,Theni	9.91	77.52
46	C0032	Eveready Spinning Mills Pvt. Ltd.,	6	0.850	5.100	1	30-09-10/Sale to grid	GAMESA	Govindanagaram ,Theni	10.97	77.74
47						2	30-09-10/Sale to grid	GAMESA	Govindanagaram ,Theni	10.98	77.74
48						849	30-09-10/Sale to grid	GAMESA	Elavanthi, Tirupur	10.92	77.29
49						850	30-09-10/Sale to grid	GAMESA	V. Vadamalaipalaya m, Tirupur	10.88	77.32
50						16	31-12-10/Sale to grid	GAMESA	Jangalpatti,Theni	9.92	77.48
51						31	29-01-11/Sale to grid	GAMESA	Jangalpatti,Theni	9.89	77.47

52	C0034	Fab Colours	3	0.225	0.675	1732	17-03-10/Sale to grid	SOUTHERN	Naranapuram, Tirupur	10.96	77.26
53						1733	17-03-10/Sale to grid	SOUTHERN	Munduvlampatti, Tirupur	10.96	77.26
54						1734	18-03-10/Sale to grid	SOUTHERN	Munduvlampatti, Tirupur	10.96	77.25
55	C0035	Gene Apparels	2	0.225	0.450	1772	28-03-10/Sale to grid	SOUTHERN	Maruthur, Tirupur	10.96	77.26
56						1773	28-03-10/Sale to grid	SOUTHERN	Naranapuram, Tirupur	10.97	77.26
57	C0036	Gomuki Spinning Mills Pvt. Ltd.,	10	0.250	2.500	1784	30-03-10/Captive	PIONEER	Eragampatti, Tirupur	10.81	77.41
58						1785	30-03-10/Captive	PIONEER	Eragampatti, Tirupur	10.81	77.41
59						1786	30-03-10/Captive	PIONEER	Velayuthampalayam, Tirupur	10.78	77.41
60						1787	30-03-10/Captive	PIONEER	Velayuthampalayam, Tirupur	10.79	77.41
61						1788	31-03-10/Captive	PIONEER	Velayuthampalayam, Tirupur	10.79	77.41
62						1789	31-03-10/Captive	PIONEER	Velayuthampalayam, Tirupur	10.79	77.41
63						1790	31-03-10/Captive	PIONEER	Eragampatti, Tirupur	10.81	77.41
64						1791	31-03-10/Captive	PIONEER	Eragampatti, Tirupur	10.79	77.41
65						1792	31-03-10/Captive	PIONEER	Velayuthampalayam, Tirupur	10.80	77.41
66						1830	31-03-10/Captive	PIONEER	Eragampatti, Tirupur	10.80	77.41
67	C0038	Shiva Bharathi Syntex India Pvt. Ltd.,	1	0.250	0.250	1797	31-03-10/Captive	PIONEER	Moolarapatti, Tirupur	10.76	77.39
68	C0039	Hindustan Hardwares	1	0.800	0.800	212	19-03-10/Sale to grid	ENERCON	Kozhumankondan, Dindigul	10.56	77.45
69	C0040	Hindustan Spinners	1	0.800	0.800	217	25-03-10/Sale to grid	ENERCON	Kozhumankondan, Dindigul	10.55	77.45

70	C0041	Hindustan Textiles 'B' Unit	1	0.800	0.800	213	25-03-10/Sale to grid	ENERCO N	Melkaraipatti,Din digul	10.58	77.47
71	C0042	Hotel Chandra Towers Ltd.,	2	0.250	0.500	3140	28-03-10/Captive	PIONEER	Kambhaneri Pudhukudi,Tirune lveli	9.05	77.38
72						3091	24-03-10/Sale to grid	PIONEER	Urmelazhagian,Ti runelveli	9.06	77.28
73	C0043	J.P.P. Mills Pvt. Ltd.,	2	0.850	1.700	112	02-07-10/Captive	GAMESA	Govindanagaram ,Theni	9.90	77.50
74						138	20-08-10/Captive	GAMESA	Govindanagaram ,Theni	9.90	77.50
75	C0044	Jayanthi Textile Products Unit II	1	1.250	1.250	160	31-03-10/Captive	SUZLON	Poorandampalay am, Coimbatore	10.85	77.16
76	C0046	K.A.S. Industries India Ltd.,	1	0.600	0.600	3063	20-03-10/Sale to grid	RRB	Vellalankulam,Tir unelveli	9.02	77.47
77	C0047	K.A.S. Industries India Ltd.,	2	0.600	1.200	3069	22-03-10/Captive	RRB	Vellalankulam,Tir unelveli	9.03	77.46
78						3070	22-03-10/Captive	RRB	Vellalankulam,Tir unelveli	9.02	77.47
79	C0048	K.S.R. Textile Mills Pvt. Ltd.,	1	0.800	0.800	1864	29-05-10/Captive	ENERCO N	Chinnaputhur,Tir upur	10.74	77.46
80	C0050	Karthi Rice Mill	1	0.225	0.225	1763	28-03-10/Sale to grid	SOUTHER N	Athukinathupatti, Tirupur	10.70	77.31
81	C0051	KPL Oil Mills Pvt. Ltd.,	1	0.250	0.250	928	31-03-10/Sale to grid	CHIRANJJ EEVI	Varapatti,Coimba tore	10.54	77.12
82	C0053	M.N. Easwaramurthi	2	0.225	0.450	1735	18-03-10/Sale to grid	SOUTHER N	Naranapuram,Tir upur	10.96	77.24
83						1762	27-03-10/Sale to grid	SOUTHER N	Naranapuram,Tir upur	10.96	77.24
84	C0055	Mani Cotton Textiles	1	0.600	0.600	826	26-07-10/Sale to grid	RRB	V. Kallipalayam,Tiru pur	10.92	77.32
85	C0056	Mani Spinning Mills Pvt. Ltd.,	4	0.850	3.400	35	02-03-11/Sale to grid	GAMESA	Thappukundu,Th eni	9.93	77.47
86						51	02-04-11/Sale to grid	GAMESA	Sankarandampal ayam,Tirupur	10.83	77.58

87						52	02-04-11/Sale to grid	GAMESA	Sankarandampal ayam, Tirupur	10.82	77.57
88						53	02-04-11/Sale to grid	GAMESA	Sankarandampal ayam, Tirupur	10.82	77.58
89	C0057	Marathal Spinners	1	0.600	0.600	748	27-03-10/Sale to grid	RRB	Bogampatti, Coimbatore	10.89	77.10
90	C0058	Marudhavel Industries Ltd.,	1	0.250	0.250	153	31-03-10/Sale to grid	CHIRANJJ EEVI	Poorandampalay am, Coimbatore	10.53	77.10
91	C0059	Mefco Engineers Pvt. Ltd.,	6	0.250	1.500	1750	27-03-10/Captive	SIVA WINDTUR BINE	Kethalrev, Tirupur	10.78	77.42
92						1751	27-03-10/Captive	SIVA WINDTUR BINE	Kethalrev, Tirupur	10.78	77.42
93						1813	31-03-10/Captive	SIVA WINDTUR BINE	Maruthur, Tirupur	10.78	77.38
94						1814	31-03-10/Captive	SIVA WINDTUR BINE	Maruthur, Tirupur	10.79	77.40
95						1877	01-07-10/Captive	SIVA WINDTUR BINE	Maruthur, Tirupur	10.78	77.38
96						1878	09-07-10/Captive	SIVA WINDTUR BINE	Moolarapatti, Tirupur	10.78	77.40
97	C0061	N Tex Apparel Pvt. Ltd.,	5	0.250	1.250	1793	31-03-10/Sale to grid	PIONEER	Eragampatti, Tirupur	10.80	77.41
98						1831	31-03-10/Sale to grid	PIONEER	Velayuthampalay am, Tirupur	10.80	77.41
99						1832	31-03-10/Sale to grid	PIONEER	Velayuthampalay am, Tirupur	10.80	77.41
100						1833	31-03-10/Sale to grid	PIONEER	Velayuthampalay am, Tirupur	10.81	77.41
101						1835	31-03-10/Sale to grid	PIONEER	Eragampatti, Tirupur	10.81	77.41
102	C0066	P.A. Nanjappa Gounder	1	0.250	0.250	1794	31-03-10/Sale to grid	PIONEER	Maruthur, Tirupur	10.76	77.37

103	C0067	SG Wind Farm Pvt. Ltd.,	9	0.225	2.025	1737	18-03-10/Sale to grid	SOUTHERN	Naranapuram, Tirupur	10.45	77.23
104						1753	27-03-10/Sale to grid	SOUTHERN	Naranapuram, Tirupur	10.45	77.23
105						1753	27-03-10/Sale to grid	SOUTHERN	Naranapuram, Tirupur	10.44	77.23
106						1754	27-03-10/Sale to grid	SOUTHERN	Naranapuram, Tirupur	10.45	77.23
107						1755	27-03-10/Sale to grid	SOUTHERN	Naranapuram, Tirupur	10.45	77.23
108						1756	27-03-10/Sale to grid	SOUTHERN	Naranapuram, Tirupur	10.46	77.23
109						1806	31-03-10/Sale to grid	SOUTHERN	Naranapuram, Tirupur	10.45	77.22
110						1806	31-03-10/Sale to grid	SOUTHERN	Naranapuram, Tirupur	10.45	77.22
111						1807	31-03-10/Sale to grid	SOUTHERN	Munduvlampatti, Tirupur	10.45	77.22
112	C0068	P.K.P.N. Spinning Mills Pvt. Ltd.,	1	1.650	1.650	65	27-03-10/Captive	VESTAS	Vallalnathi, Theni	9.92	77.53
113	C0071	Pallipalayam Spinners Pvt. Ltd.,	3	0.600	1.800	1840	31-03-10/Captive	RRB	Govindhapuram, Tirupur	10.74	77.40
114						1841	31-03-10/Captive	RRB	Moolarapatti, Tirupur	10.74	77.40
115						1842	31-03-10/Captive	RRB	Govindhapuram, Coimbatore	10.73	77.41
116	C0072	Pariyur Amman Logistics	2	0.225	0.450	1802	31-03-10/Sale to grid	SOUTHERN	Maruthur, Tirupur	10.47	77.24
117						1815	31-03-10/Sale to grid	SOUTHERN	Maruthur, Tirupur	10.48	77.22
118	C0073 A	Pariyur Amman Spinning Mills Pvt. Ltd.,	1	0.225	0.225	1816	31-03-10/Captive	SOUTHERN	Maruthur, Tirupur	10.47	77.22
119	C0073 B	Pariyur Amman Spinning Mills Pvt. Ltd.,	1	0.600	0.600	885	19-03-10/Captive	RRB	Anupatti, Tirupur	10.96	77.23
120	C0075	Pramas Tea Industries	1	0.225	0.225	1817	31-03-10/Sale to grid	SOUTHERN	Moolarapatti, Tirupur	10.61	77.40

121	C0076	Shristi Cotspinn Pvt. Ltd.,	1	0.800	0.800	215	25-03-10/Captive	ENERCO N	Kozhumankonda n,Dindigul	10.58	77.45
122	C0077	Premdurai Exports Pvt. Ltd.,	4	0.600	2.400	807	31-03-10/Sale to grid	RRB	V. Kallipalayam,Tirupur	10.95	77.35
123						808	31-03-10/Sale to grid	RRB	V. Kallipalayam,Tirupur	10.95	77.34
124						809	31-03-10/Sale to grid	RRB	V. Kallipalayam,Tirupur	10.94	77.34
125						810	31-03-10/Sale to grid	RRB	V. Kallipalayam,Tirupur	10.94	77.33
126	C0078	R B Wovens Pvt. Ltd.,	2	0.800	1.600	1769	28-03-10/Sale to grid	ENERCO N	Chinnaputhur,Tirupur	10.74	77.43
127						1834	31-03-10/Sale to grid	ENERCO N	Kethalrev,Tirupur	10.76	77.44
128	C0079	R. Padma Seenivasan	1	0.250	0.250	3205	31-03-10/Sale to grid	CHIRANJJ EEVI	Poigai,Tirunelveli	9.04	77.41
129	C0080	R.G. Selvarathi Coolie Mill	1	0.225	0.225	1764	28-03-10/Sale to grid	SOUTHER N	Athukinathupatti, Tirupur	10.70	77.31
130	C0081	Raja Spinners	1	0.600	0.600	747	27-03-10/Sale to grid	RRB	Bogampatti,Coimbatore	10.89	77.10
131	C0082	Rajashree Spintex Pvt. Ltd.,	1	0.850	0.850	83	18-05-10/Captive	GAMESA	Govindhapuram, Theni	9.91	77.50
132	C0084	Rasi G Energy Pvt. Ltd.,	1	1.500	1.500	1863	27-05-10/Captive	SUZLON	Kundadam,Tirupur	10.83	77.44
133	C0085	Ribas Fabs	1	0.250	0.250	760	30-03-10/Sale to grid	PIONEER	Varapatti,Coimbatore	10.96	77.27
134	C0087	S. Velumani	1	0.250	0.250	872	16-02-10/Sale to grid	PIONEER	Vavipalayam,Tirupur	10.88	77.28
135	C0089	Sakthe Animal Feeds	1	0.250	0.250	1824	31-03-10/Sale to grid	PIONEER	Maruthur,Tirupur	10.75	77.37
136	C0090	Sakthi Masala Pvt. Ltd.,	2	1.500	3.000	232	20-03-10/Sale to grid	SUZLON	Vadachittur,Coimbatore	10.85	77.10
137						233	20-03-10/Sale to grid	SUZLON	Panapatti,Coimbatore	10.86	77.10

138	C0091	Sakthi Murugan Roller Flour Mills Ltd.,	1	0.250	0.250	776	31-03-10/Sale to grid	CHIRANJJ EEVI	Kethanur, Tirupur	10.56	77.15
139	C0092	Salona Cotspin Ltd.,	2	0.800	1.600	216	25-03-10//Captive	ENERCO N	Kozhumankonda n, Dindigul	10.56	77.45
140						216	25-03-10//Captive	ENERCO N	Kozhumankonda n, Dindigul	10.56	77.45
141	C0096	Selvi Spinning Mill	1	0.800	0.800	1778	30-03-10//Captive	ENERCO N	Varapalayam, Tirupur	10.74	77.48
142	C0097	Senthil Hatcheries	2	0.225	0.450	895	27-03-10/Sale to grid	SOUTHER N	Anupatti, Tirupur	10.96	77.22
143						896	27-03-10/Sale to grid	SOUTHER N	Anupatti, Tirupur	10.97	77.22
144	C0098	Shakthi Murugan Textiles	2	0.600	1.200	3146	29-03-10/Captive	RRB	Keelaveeranam, Tirunelveli	8.92	77.51
145						3180	31-03-10/Captive	RRB	Keelaveeranam, Tirunelveli	8.92	77.50
146	C0099	Shiva Bharathi Syntex India Pvt. Ltd.,	2	0.225	0.450	1818	31-03-10/Captive	SOUTHER N	Gudimangalam, Tirupur	10.67	77.31
147						1819	31-03-10/Captive	SOUTHER N	Gudimangalam, Tirupur	10.68	77.31
148	C0100	Shri Ramathal Spinners	1	0.600	0.600	749	27-03-10/Sale to grid	RRB	Bogampatti, Coimbatore	10.90	77.10
149	C0101	Shri Vaikunth Paper & Board (Pr) Ltd.,	1	0.850	0.850	7	17-08-10/Captive	GAMESA	Thappukundu, Theni	9.93	77.47
150	C0103	SNQS Internationals	1	0.600	0.600	1852	15-04-10/Sale to grid	RRB	Maruthur, Tirupur	10.77	77.38
151	C0105	Speedline Spinners India Pvt. Ltd.,	1	0.800	0.800	1771	28-03-10/Captive	ENERCO N	Kethalrev, Tirupur	10.75	77.44
152	C0106	Sree Kailai Spinners Pvt. Ltd.,	1	0.800	0.800	1781	30-03-10/Captive	ENERCO N	Madathupalayam, Tirupur	10.76	77.47
153	C0108	Sri Balaji & Co.,	2	1.650	3.300	66	27-03-10/Sale to grid	VESTAS	Vallalnathi, Theni	9.92	77.53
154						1768	28-03-10/Sale to grid	VESTAS	Thottampatti, Tirupur	10.66	77.20
155	C0109	Sri Dhanalakshmi Sizing & Spinning Mill	5	0.600	3.000	3175	30-03-10/Sale to grid	RRB	Puliyur, Tirunelveli	8.60	77.20
156						3187	31-03-10/Sale	RRB	Ayakudi, Tirunelveli	8.61	77.20

							to grid		eli		
157						3188	31-03-10/Sale to grid	RRB	Ayakudi,Tirunelveli	8.60	77.21
158						3189	31-03-10/Sale to grid	RRB	Ayakudi,Tirunelveli	8.59	77.20
159						3190	31-03-10/Sale to grid	RRB	Ayakudi,Tirunelveli	8.60	77.20
160	C0110	Sri Iyyan Textile Mills Pvt. Ltd.,	1	0.850	0.850	137	13-08-10/Captive	GAMESA	Govindanagaram ,Theni	9.90	77.49
161	C0112	Sri Mahalakshmi Textiles	1	0.600	0.600	751	27-03-10/Captive	RRB	Bogampatti,Coimbatore	10.89	77.10
162	C0113	Sri Manjulashmi Spinners	1	0.600	0.600	767	30-03-10/Sale to grid	RRB	Bogampatti,Coimbatore	10.89	77.10
163	C0114	Sri Navamani Wind Farms	2	0.250	0.500	1725	11-03-10/Sale to grid	PIONEER	Naranapuram,Tirupur	10.74	77.40
164						1726	11-03-10/Sale to grid	PIONEER	Naranapuram,Tirupur	10.74	77.40
165	C0115	Sri Seethalakshmi Steel Castings Pvt. Ltd.,	1	0.850	0.850	18	31-12-10/Captive	GAMESA	Koduvilarpatti,Theni	9.94	77.50
166	C0116	Sri Selvam Textiles	1	0.600	0.600	802	31-03-10/Sale to grid	RRB	Mallegoundampalayam,Tirupur	10.95	77.18
167		Sri Selvam Textiles	1	0.225	0.225	1821	31-03-10/Sale to grid	SOUTHERN	Athukinathupatti,Tirupur	10.71	77.31
168	C0117	Sri Siddivinayaka Cotton Corporation	1	1.650	1.650	71	27-03-10/Sale to grid	VESTAS	G. Usilampatti,Theni	9.94	77.56
169	C0118	Sri Vigneswara Foundary	2	0.250	0.500	1727	11-03-10/Sale to grid	PIONEER	Naranapuram,Tirupur	10.75	77.40
170						1728	11-03-10/Sale to grid	PIONEER	Naranapuram,Tirupur	10.74	77.39
171	C0121	Star Plastics	1	0.600	0.600	938	31-03-10/Captive	RRB	Varapatti,Coimbatore	10.88	77.18
172	C0122	Subam Papers Pvt. Ltd.,	2	0.850	1.700	79	31-03-10/Captive	GAMESA	Vallalnathi,Theni	9.90	77.52
173						81	18-05-10/Captive	GAMESA	Vallalnathi,Theni	9.90	77.52
174	C0123	Sudharsan Exports	1	0.225	0.225	1820	31-03-10/Captive	SOUTHERN	Gudimangalam,Tirupur	10.67	77.31

175	C0125	Sun Industrial Automations & Solutions	1	0.600	0.600	3098	25-03-10/Sale to grid	RRB	Sambavarvadaka rai,Tirunelveli	8.98	77.37
176	C0126	Suresh Textiles	1	0.250	0.250	935	31-03-10/Captive	CHIRANJJ EEVI	Pannikkampatti,Tirupur	10.92	77.26
177	C0127	Sushrushah Medicare Centre Pvt. Ltd.,	1	0.250	0.250	2979	31-03-10/Sale to grid	CHIRANJJ EEVI	Levenjipuram,Tirunelveli	8.10	77.34
178	C0128	Swathi Hatcheries	1	0.250	0.250	773	31-03-10/Captive	CHIRANJJ EEVI	Vadugapalayam, Tirupur	10.57	77.17
179	C0130	T.R. Venkatesan Chettiar & Sons Jewellers	1	0.250	0.250	1795	31-03-10/Sale to grid	PIONEER	Maruthur,Tirupur	10.75	77.37
180	C0131	Tex Tech Industries (India) Pvt. Ltd.,	1	0.800	0.800	1779	30-03-10/Sale to grid	ENERCO N	Madathupalayam ,Tirupur	10.75	77.48
181	C0133	Tirupur Thirukkumaran Textiles Pvt. Ltd.,	2	1.250	2.500	247	26-09-10/Captive	SUZLON	Vadachittur,Coimbatore	10.85	77.08
182						250	28-09-10/Captive	SUZLON	Panapatti,Coimbatore	10.87	77.10
183	C0136	Vetal Hi-Tech Industries	1	0.800	0.800	1770	28-03-10/Sale to grid	ENERCO N	Kethalrev,Tirupur	10.75	77.44
184	C0137	Vetal Textiles & Electronics Pvt. Ltd.,	1	0.800	0.800	1837	31-03-10/Sale to grid	ENERCO N	Madathupalayam ,Tirupur	10.75	77.48
185	C0138	Viking Textiles Pvt. Ltd.,	1	1.250	1.250	249	28-09-10/Captive	SUZLON	Mettubavi,Coimbatore	10.85	77.12
186	C0139	VKSM Cotton Mills Ltd.,	1	0.800	0.800	1780	30-03-10/Captive	ENERCO N	Chinnaputhur,Tirupur	10.73	77.48
187	C0141	Wild Wind Renewables	1	0.250	0.250	1825	31-03-10/Sale to grid	PIONEER	Naranapuram,Tirupur	10.73	77.37
188	C0142	Yash Metal Resources Pvt. Ltd.,	1	0.600	0.600	3062	20-03-10/Sale to grid	RRB	Sambavarvadaka rai,Tirunelveli	8.98	77.37
189	C0143	Yennarkay R. Selvarathnam	1	0.600	0.600	783	31-03-10/Sale to grid	RRB	Varapatti,Coimbatore	10.90	77.11
190	C0000 1	Alagu Wind Mills	1	0.600	0.600	2019	14-02-11/Sale to grid	RRB	Thoppampatti,Tirupur	10.78	77.45
191	C0000 2	Anand Textiles	2	0.850	1.700	43	31-03-11/Captive	GAMESA	Kolumanguli,Tirupur	10.87	77.51

192						48	31-03-11/Captive	GAMESA	Vadugapalayam, Tirupur	10.82	77.53
193	C00003	Anangoor Textile Mills Pvt. Ltd.,	1	0.850	0.850	31	31-03-11/Captive	GAMESA	Sirukinaru, Tirupur	10.85	77.55
194	C00004	Angalakshmi Spinning Mill	1	0.600	0.600	3303	22-09-10/Sale to grid	RRB	Keelaveeranam, Tirunelveli	8.94	77.49
195	C00005	Annamalaiyar Spinners	1	0.600	0.600	1992	30-09-10/Captive	RRB	Chinnaputhur, Tirupur	10.75	77.42
196	C00006	Arun Dye Chem	1	0.225	0.225	2035	23-03-11/Sale to grid	SOUTHERN	Munduvlampatti, Tirupur	10.72	77.37
197	C00007	Balu Exports	4	0.600	2.400	835	15-09-10/Sale to grid	RRB	Chittambalam, Coimbatore	10.96	77.31
198						836	15-09-10/Sale to grid	RRB	Chittambalam, Coimbatore	10.96	77.30
199						837	15-09-10/Sale to grid	RRB	Chittambalam, Coimbatore	10.96	77.30
200						838	15-09-10/Sale to grid	RRB	Mathapur, Coimbatore	10.96	77.31
201	C00008A	Best Corporation Ltd.,	2	0.600	1.200	1891	13-09-10/Sale to grid	RRB	Metrathi, Tirupur	10.68	77.34
202						2000	30-09-10/Sale to grid	RRB	Metrathi, Tirupur	10.68	77.34
203	C00008B	Best Corporation Ltd.,	4	0.600	2.400	2056	29-03-11/Sale to grid	RRB	Karatholuvu, Tirupur	10.64	77.39
204						2057	30-03-11/Sale to grid	RRB	Karatholuvu, Tirupur	10.65	77.40
205						2058	30-03-11/Sale to grid	RRB	Karatholuvu, Tirupur	10.65	77.40
206						2059	30-03-11/Sale to grid	RRB	Karatholuvu, Tirupur	10.65	77.40
207	C00009	Bhagavathi Spinners	2	0.225	0.450	3622	31-03-11/Captive	SOUTHERN	Achenpudur, Tirunelveli	9.06	77.30
208						3623	31-03-11/Captive	SOUTHERN	Achenpudur, Tirunelveli	9.06	77.30
209	C00010	Chenniappa Yarn Spinners Pvt. Ltd.,	2	0.850	1.700	13	29-03-11/Captive	GAMESA	Suryanallur, Tirupur	10.84	77.49
210						19	29-03-11/Captive	GAMESA	Vadugapalayam, Tirupur	10.84	77.49

211	C0001 1	Cheran Spinner Ltd.,	2	0.850	1.700	150	28-09-10/Captive	GAMESA	Jangalpatti,Theni	9.87	77.48
212						151	28-09-10/Captive	GAMESA	Jangalpatti,Theni	9.87	77.48
213	C0001 2	Chiranjilal Spinners Pvt. Ltd.,	1	0.850	0.850	10	29-03-11/Captive	GAMESA	Kolumanguli,Tirupur	10.85	77.51
214	C0001 3	Chiranjeevi Wind Energy Ltd.,	1	0.250	0.250	8	30-09-10/Sale to grid	CHIRANJJ EEVI	Mallegoundampalayam,Tirupur	10.58	77.11
215	C0001 4	Chola Spinning Mills Pvt. Ltd.,	2	0.750	1.500	3666	31-03-11/Captive	PIONEER	Manoor,Tirunelveli	8.86	77.66
216						3670	31-03-11/Captive	PIONEER	Mavadi,Tirunelveli	8.84	77.67
217	C0001 5	Concorde Agencies	1	0.600	0.600	3346	28-09-10/Sale to grid	RRB	Kazhuneerkulam,Tirunelveli	8.89	77.45
218	C0001 6	Concorde Textiles	1	0.600	0.600	3332	27-09-10/Sale to grid	RRB	Kazhuneerkulam,Tirunelveli	8.90	77.45
219	C0001 7	Doller Industries Ltd.,	1	0.500	1.500	3839	17-08-11/Captive	SUZLON	Chinnakovilankulam,Tirunelveli	9.08	77.54
220	C0001 8	Forknits	1	0.600	0.600	834	15-09-10/Sale to grid	RRB	Chittambalam,Tirupur	10.96	77.31
221	C0001 9	G.R. Natarajan & Co.,	1	0.600	0.600	226	18-03-11/Sale to grid	SUZLON	Kozhumankondan,Dindigul	10.55	77.45
222	C0002 0	Greenland Paper Mills Ltd.,	1	0.250	1.250	2054	29-03-11/Sale to grid	SUZLON	Manurpalayam,Tirupur	10.79	77.29
223	C0002 1	GVS Spinners Pvt. Ltd.,	1	0.750	0.750	3847	02-09-11/Captive	PIONEER	Manoor,Tirunelveli	8.85	77.67
224	C0002 2	Hariharan Spinners Ltd.,	1	0.850	0.850	3901	28-09-11/Captive	GAMESA	Gangaikondan,Tirunelveli	8.85	77.80
225	C0002 3	Hindustan Hardwares	1	0.850	0.850	153	28-09-10/Sale to grid	GAMESA	Govindanagaram,Theni	9.88	77.49
226	C0002 4	Hindustan Spinners "B" Unit	1	0.850	0.850	152	28-09-10/Sale to grid	GAMESA	Govindanagaram,Theni	9.87	77.49
227	C0002 5	Hindustan Textiles	1	0.850	0.850	148	28-09-10/Sale to grid	GAMESA	Seepalakottai,Theni	9.86	77.47
228	C0002 6	Iswari Spinning Mills,	1	0.600	0.600	2015	28-10-10/Captive	RRB	Thoppampatti,Tirupur	10.78	77.47
229	C0002 7	Janaki Cotton Mills Ltd.,	1	0.600	0.600	201	27-09-11/Captive	RRB	Pannaipuram,Theni	9.87	77.33

230	C00028	Jayachandra Bearings India Pvt. Ltd.,	1	0.250	0.250	2062	30-03-11/Captive	SHRIRAM EPC	Eragampatti, Tirupur	10.80	77.39
231	C00029	Jayavarma Textiles Pvt. Ltd.,	3	0.850	2.550	1	28-03-11/Captive	GAMESA	Vadugapalayam, Tirupur	10.82	77.52
232						42	31-03-11/Captive	GAMESA	Suryanallur, Tirupur	10.82	77.50
233						46	31-03-11/Captive	GAMESA	Suryanallur, Tirupur	10.85	77.49
234	C00030A	JRE Valves & Pumps Pvt. Ltd.,	1	0.250	0.250	3252	12-07-10/Captive	PIONEER	Sernthamangalam, Tirunelveli	9.04	77.43
235	C00030B	JRE Valves & Pumps Pvt. Ltd.,	1	0.750	0.750	3946	30-09-11/Captive	PIONEER	Kambhaneri Pudhukudi Part II, Tirunelveli	9.05	77.37
236	C00031	JVS Export	1	1.250	1.250	291	28-09-11/Sale to grid	SUZLON	Bogampatti, Coimbatore	10.89	77.11
237	C00032	K.A.S. Industries India Ltd.,	3	0.600	1.800	3563	28-03-11/Captive	RRB	Kazhuneerkulam, Tirunelveli	8.89	77.45
238						3654	31-03-11/Captive	RRB	Mayamankurichi, Tirunelveli	8.91	77.47
239						3661	31-03-11/Captive	RRB	Mayamankurichi, Tirunelveli	8.91	77.48
240	C00033A	K.S.R. Textile Mills Pvt. Ltd.,	1	0.800	0.800	2047	26-03-11/Captive	ENERCON	Chinnakampalayam, Tirupur	10.70	77.46
241	C00033B	K.S.R. Textile Mills Pvt. Ltd.,	1	0.250	0.250	3876	16-09-11/Captive	PIONEER	Urmelazhagian, Tirunelveli	9.03	77.36
242	C00034	Kandhan Knits	1	0.850	0.850	34	31-03-11/Sale to grid	GAMESA	Punganthuari, Tirupur	10.85	77.56
243	C00035	Karpagham Tex	1	0.600	0.600	827	31-07-10/Sale to grid	RRB	Bogampatti, Coimbatore	10.91	77.14
244	C00036	Kayaar Exports Pvt. Ltd.,	2	1.000	2.000	3432	30-09-10/Sale to grid	WINWIND	South Valliyoor, Tirunelveli	8.34	77.63
245						3433	30-09-10/Sale to grid	WINWIND	South Valliyoor, Tirunelveli	8.34	77.63

246	C00037	Kesharinandan Knit Fabrics Pvt. Ltd.,	1	0.750	0.750	841	28-09-10/Sale to grid	PIONEER	Elavanthi,Tirupur	10.93	77.29
247	C00038	Kurinji Spinning Mills Pvt. Ltd.,	1	0.850	0.850	32	31-03-11/Captive	GAMESA	Sirukinaru,Tirupur	10.85	77.56
248	C00039	Kutti Spinners Pvt. Ltd.,	1	1.250	1.250	2025	03-03-11/Sale to grid	SUZLON	Manurpalayam,Tirupur	10.82	77.31
249	C00040	Lambodhara Textiles Ltd.,	1	1.250	1.250	3520	22-03-11/Captive	SUZLON	Koodankulam,Tirunelveli	8.21	77.70
250	C00041	Lax Blue Metals Pvt. Ltd.,	5	0.225	1.125	3457	21-12-10/Sale to grid	SOUTHERN	Thandayarkulam,Tirunelveli	8.30	77.60
251						3458	21-12-10/Sale to grid	SOUTHERN	Thandayarkulam,Tirunelveli	8.31	77.60
252						3459	21-12-10/Sale to grid	SOUTHERN	Thandayarkulam,Tirunelveli	8.30	77.59
253						3468	30-12-10/Sale to grid	SOUTHERN	Thandayarkulam,Tirunelveli	8.31	77.60
254						3469	30-12-10/Sale to grid	SOUTHERN	Thandayarkulam,Tirunelveli	8.31	77.60
255	C00042	Lucky Yarn Tex India Ltd.,	10	0.250	2.500	3854	10-09-11/Captive	PIONEER	Kilankadu,Tirunelveli	9.02	77.34
256						3855	10-09-11/Captive	PIONEER	Kilankadu,Tirunelveli	9.02	77.35
257						3856	10-09-11/Captive	PIONEER	Kilankadu,Tirunelveli	9.02	77.35
258						3857	10-09-11/Captive	PIONEER	Kilankadu,Tirunelveli	9.02	77.35
259						3858	10-09-11/Captive	PIONEER	Kilankadu,Tirunelveli	9.02	77.35
260						3859	10-09-11/Captive	PIONEER	Kambhaneri Pudhukudi,Tirunelveli	9.03	77.36
261						3860	10-09-11/Captive	PIONEER	Kambhaneri Pudhukudi,Tirunelveli	9.04	77.36
262						3861	10-09-11/Captive	PIONEER	Kambhaneri Pudhukudi,Tirunelveli	9.04	77.36

263						3862	10-09-11/Captive	PIONEER	Nainaragaram,Tirunelveli	9.03	77.36
264						3863	10-09-11/Captive	PIONEER	Nainaragaram,Tirunelveli	9.03	77.36
265	C00043	M. Thiagarajan	1	0.750	0.750	4	28-09-10/Sale to grid	PIONEER	Vavipalayam,Tirupur	10.90	77.31
266	C00044	Madras Hardtools Pvt. Ltd.,	1	0.250	0.250	167	31-07-10/Sale to grid	CHIRANJJ EEVI	Poorandampalayam,Coimbatore	10.52	77.10
267	C00045A	Mothi Spinner Ltd.,	4	0.600	2.400	3380	29-09-10/Captive	RRB	Keelapavoor,Tirunelveli	8.91	77.44
268						3381	29-09-10/Captive	RRB	Keelapavoor,Tirunelveli	8.91	77.44
269						3417	30-09-10/Captive	RRB	Keelapavoor,Tirunelveli	8.90	77.43
270						3418	30-09-10/Captive	RRB	Keelapavoor,Tirunelveli	8.89	77.43
271	C00045B	Mothi Spinner Ltd.,	2	0.750	1.500	3944	30-09-11/Captive	PIONEER	Kambhaneri Pudhukudi Part II,Tirunelveli	9.05	77.36
272						3945	30-09-11/Captive	PIONEER	Kambhaneri Pudhukudi Part II,Tirunelveli	9.04	77.36
273	C00046	Murugan Textiles	2	0.850	1.700	30	31-03-11/Captive	GAMESA	Sankarandampalayam,Tirupur	10.84	77.58
274						39	31-03-11/Captive	GAMESA	Vadugapalayam,Tirupur	10.80	77.52
275	C00047	Muthuraam Poly Spin	2	0.225	0.450	3594	31-03-11/Captive	SOUTHERN	Achenpudur,Tirunelveli	9.06	77.30
276						3596	31-03-11/Captive	SOUTHERN	Achenpudur,Tirunelveli	9.06	77.30
277	C00048	N. Chandran	1	0.850	0.850	863	31-03-11/Sale to grid	GAMESA	Vavipalayam,Tirupur	10.90	77.26
278	C00049	N. Danissh Plaastics	1	0.600	0.600	1987	30-09-10/Captive	RRB ENERGY LTD.,	Gathelrev,Tirupur	10.77	77.43
279	C00050	N.Krishnasamy	4	0.250	1.000	2016	29-01-11/Sale to grid	SIVA WINDTURBINE	Mettrathi,Tirupur	10.66	77.35

280						2017	29-01-11/Sale to grid	SIVA WINDTURBINE	Metrathi,Tirupur	10.66	77.36
281						2038	23-03-11/Sale to grid	SIVA WINDTURBINE	Naranapuram,Tirupur	10.73	77.37
282						2086	31-05-11/Sale to grid	SIVA WINDTURBINE	Naranapuram,Tirupur	10.73	77.37
283	C0005 1	Narasu's Spinning Mills	1	1.250	1.250	262	23-03-11/Captive	SUZLON	Kondampatti,Coimbatore	10.82	77.06
284	C0005 2	Neeraj Enterprises Pvt. Ltd.,	1	0.250	0.250	245	23-09-10/Sale to grid	PIONEER	Kattampatti,Coimbatore	10.83	77.14
285	C0005 3	NKCM Spinners Pvt. Ltd.,	1	0.750	0.750	3669	31-03-11/Captive	PIONEER	Mavadi,Tirunelveli	8.83	77.67
286	C0005 4	Novacom Digitronics Pvt. Ltd.,	2	0.250	0.500	2049	27-03-11/Sale to grid	CHIRANJEEVI	Eragampatti,Tirupur	10.81	77.39
287						2050	27-03-11/Sale to grid	CHIRANJEEVI	Eragampatti,Tirupur	10.81	77.39
288	C0005 5	NSP Tex	1	0.250	0.250	283	15-04-11/Sale to grid	SOUTHERN	Varapatti,Coimbatore	10.89	77.20
289	C0005 6	SG Wind Farm Pvt. Ltd.,	15	0.225	3.375	1895	22-09-10/Sale to grid	SOUTHERN	Bellampatti,Tirupur	10.74	77.36
290						1896	22-09-10/Sale to grid	SOUTHERN	Bellampatti,Tirupur	10.73	77.36
291						1897	22-09-10/Sale to grid	SOUTHERN	Naranapuram,Tirupur	10.74	77.37
292						1904	23-09-10/Sale to grid	SOUTHERN	Bellampatti,Tirupur	10.79	77.38
293						1905	24-09-10/Sale to grid	SOUTHERN	Bellampatti,Tirupur	10.79	77.38
294						1906	24-09-10/Sale to grid	SOUTHERN	Bellampatti,Tirupur	10.79	77.38
295						1907	24-09-10/Sale to grid	SOUTHERN	Bellampatti,Tirupur	10.79	77.38
296						1914	26-09-10/Sale to grid	SOUTHERN	Munduvlampatti,Tirupur	10.78	77.38
297						1916	29-09-10/Sale to grid	SOUTHERN	Bellampatti,Tirupur	10.78	77.38

298						1916	29-09-10/Sale to grid	SOUTHERN	Bellampatti, Tirupur	10.78	77.38
299						1917	29-09-10/Sale to grid	SOUTHERN	Bellampatti, Tirupur	10.78	77.38
300						1918	29-09-10/Sale to grid	SOUTHERN	Bellampatti, Tirupur	10.79	77.39
301						1953	30-09-10/Sale to grid	SOUTHERN	Bellampatti, Tirupur	10.79	77.39
302						1954	30-09-10/Sale to grid	SOUTHERN	Bellampatti, Tirupur	10.79	77.39
303						1960	30-09-10/Sale to grid	SOUTHERN	Naranapuram, Tirupur	10.79	77.39
304	C00057	Pallava Textiles Ltd.,	1	1.650	1.650	1893	20-09-10/Captive	VESTAS	Somavarapatti, Tirupur	10.66	77.22
305	C00058	PKPN Spinning Mills Pvt. Ltd.,	2	0.750	1.500	3667	31-03-11/Captive	PIONEER	Mavadi, Tirunelveli	8.83	77.68
306						3668	31-03-11/Captive	PIONEER	Nanjankulam, Tirunelveli	8.83	77.68
307	C00059	Pon Pure Chem Pvt. Ltd.,	1	0.850	0.850	18	29-03-11/Sale to grid	GAMESA	Vadugapalayam, Tirupur	10.83	77.52
308	C00060A	Prabhu Textiles	1	0.225	0.225	3576	30-03-11/Captive	SOUTHERN	Melamaruthappapuram, Tirunelveli	9.01	77.53
309	C00060B	Prabhu Textiles	1	0.600	0.600	833	31-08-10/Captive	RRB	Panikkampatti, Tirupur	10.97	77.23
310	C00061	Prachidhi Spinners Pvt. Ltd.,	1	0.600	0.600	2020	21-02-11/Captive	SUZLON	Madathupalayam, Tirupur	10.77	77.47
311	C00062	Precot Meridian Ltd.,	2	1.500	3.000	2002	01-10-10/Captive	SUZLON	Eragampatti, Tirupur	10.81	77.39
312						2007	08-10-10/Captive	SUZLON	Manurpalayam, Tirupur	10.82	77.34
313	C00063	Rajashree Spintex Pvt. Ltd.,	1	0.850	0.850	3	28-03-11/Captive	GAMESA	Kannankovil, Tirupur	10.82	77.51
314	C00064	Raju Spinning Mills Pvt. Ltd.,	1	1.500	1.500	3568	29-03-11/Captive	SUZLON	Karaichchuttu Pudur, Tirunelveli	8.30	77.83
315	C00065	Rasi G Energy Pvt. Ltd.,	3	1.500	4.500	2022	25-02-11/Captive	SUZLON	Periyakomarapalayam, Tirupur	10.79	77.32
316						2023	25-02-11/Captive	SUZLON	Periyakomarapalayam, Tirupur	10.78	77.32

317						2024	25-02-11/Captive	SUZLON	Periyakomarapal ayam, Tirupur	10.77	77.33
318	C00066	Sakthi Murugan Agro Foods Ltd.,	2	0.250	0.500	2065	31-03-11/Sale to grid	CHIRANJJ EEVI	Eragampatti, Tirupur	10.49	77.25
319						2066	31-03-11/Sale to grid	CHIRANJJ EEVI	Eragampatti, Tirupur	10.50	77.25
320	C00067	Sakthi Murugan Roller Flour Mills Ltd.,	2	0.250	0.500	868	31-03-11/Sale to grid	CHIRANJJ EEVI	Vathambacheri, Coimbatore	10.55	77.17
321						869	31-03-11/Sale to grid	CHIRANJJ EEVI	Vathambacheri, Coimbatore	10.55	77.16
322	C00068	Santhi Processing Unit Pvt. Ltd.,	3	0.250	0.750	3865	13-09-11/Captive	PIONEER	Urmelazhagian, Tirunelveli	9.03	77.36
323						3866	13-09-11/Captive	PIONEER	Urmelazhagian, Tirunelveli	9.03	77.36
324						3867	13-09-11/Captive	PIONEER	Urmelazhagian, Tirunelveli	9.04	77.36
325	C00069	Sengunthur Mills Pvt. Ltd.,	1	1.250	1.250	2021	25-02-11/Captive	SUZLON	Manurpalayam, Tirupur	10.80	77.30
326	C00070	Senthil Hatcheries	2	0.225	0.450	999	28-08-10/Sale to grid	SOUTHERN	Anupatti, Tirupur	10.96	77.22
327						1000	28-08-10/Sale to grid	SOUTHERN	Anupatti, Tirupur	10.96	77.22
328	C00071	Senthil Nathan Spinning Mills Pvt. Ltd.,	1	0.800	0.800	227	23-03-11/Captive	ENERCON	Kottathurai, Dindigul	10.64	77.49
329	C00072	Seyadu Beedi Company	3	0.850	2.550	3559	28-03-11/Captive	GAMESA	Palankottai, Tirunelveli	9.13	77.66
330						3583	29-03-11/Captive	GAMESA	Mahendravadi, Tirunelveli	9.12	77.66
331						3588	30-03-11/Captive	GAMESA	Palankottai, Tirunelveli	9.13	77.67
332	C00073	Shri Manjulashmi Spinners	1	0.600	0.600	1989	30-09-10/Captive	RRB	Chinnaputhur, Tirupur	10.74	77.42
333	C00074	Shri Rohith Spinners Pvt. Ltd.,	1	0.600	0.600	1988	30-09-10/Captive	RRB	Gathelrev, Tirupur	10.80	77.43
334	C00075	SJLT Spinning Mills Pvt. Ltd.,	1	1.000	1.000	3431	30-09-10/Sale to grid	WINWIND	South Valliyoor Part II, Tirunelveli	8.35	77.62

335	C0007 6	SMP Textiles Mills Pvt. Ltd.,	1	0.600	0.600	848	30-09- 10/Captive	RRB	Varapatti,Coimba tore	10.90	77.17
336	C0007 7	Sree Jagathguru Textiles Mills Pvt. Ltd.,	3	1.250	6.750	2052	27-03- 11/Captive	SUZLON	Eragampatti,Tiru pur	10.82	77.37
337						2055	29-03-11 Captive	SUZLON	Kasilingampalaya m,Tirupur	10.84	77.32
338						2145	13-09-11 Captive	SUZLON	Manurpalayam,Ti rupur	10.80	77.30
339			2	1.500		261	17-03-11 Captive	SUZLON	Periyakalanthai,C oimbatore	10.81	77.11
340						3542	25-03-11 Captive	SUZLON	Chinnakovilankul am,Tirunelveli	9.09	77.54
341	C0007 8	Sree Kailaii Spinners Pvt. Ltd.,	2	0.225	0.450	3577	30-03- 11/Captive	SOUTHER N	Naveneethakrish napuram,Tirunelv eli	9.01	77.52
342						3579	30-03- 11/Captive	SOUTHER N	Naveneethakrish napuram,Tirunelv eli	9.02	77.54
343	C0007 9	Sri Balaji Spinning Mills	2	0.250	0.500	2029	15-03- 11/Captive	PIONEER	Eragampatti,Tiru pur	10.49	77.24
344						2030	15-03- 11/Captive	PIONEER	Eragampatti,Tiru pur	10.49	77.24
345	C0008 0	Sri Balaji Textiles	1	0.600	0.600	839	28-09- 10/Captive	RRB	Panikkampatti,Tir upur	10.97	77.24
346	C0008 1A	Sri Dhanalakshmi Sizing & Spinning Mill	5	0.600	3.000	3251	09-07-10/Sale to grid	RRB	Ayakudi,Tirunelv eli	8.61	77.22
347						3255	14-07-10/Sale to grid	RRB	Kodikurichi,Tirun elveli	8.61	77.19
348						3256	14-07-10/Sale to grid	RRB	Kodikurichi,Tirun elveli	8.61	77.19
349						3231	24-05-10/Sale to grid	RRB	Tenkasi,Tirunelve li	8.59	77.20
350						3232	28-05-10/Sale to grid	RRB	Ayakudi,Tirunelv eli	8.61	77.20
351	C0008 1B	Sri Dhanalakshmi Sizing and Spinning Mill	5	0.600	3.000	3688	31-03-11/Sale to grid	RRB	Puliyur,Tirunelveli	8.59	77.22
352						3689	31-03-11/Sale to grid	RRB	Puliyur,Tirunelveli	8.60	77.22

353						3728	28-04-11/Sale to grid	RRB	Puliyur,Tirunelveli	8.58	77.21
354						3729	28-04-11/Sale to grid	RRB	Puliyur,Tirunelveli	8.59	77.21
355						3730	29-04-11/Sale to grid	RRB	Puliyur,Tirunelveli	8.60	77.21
356	C0008 1C	Sri Dhanalakshmi Sizing and Spinning Mill	1	1.500	1.500	83	30-09-11/Sale to grid	REGEN	Anikadavu,Tirupur	10.73	77.17
357	C0008 2A	Sri Jagannatha Spinners	1	0.600	1.200	861	31-03-11/Captive	RRB	Bogampatti,Coimbatore	10.92	77.13
358	C0008 2B	Sri Jagannatha Spinners	1	0.600		168	09-08-10/Captive	RRB	Vadavalli,Coimbatore	10.92	77.14
359	C0008 3	Sri Thangam Spinners India Pvt. Ltd.,	4	0.225	0.900	3546	26-03-11/Captive	SOUTHERN	Karuvantha,Tirunelveli	8.98	77.49
360						3547	26-03-11/Captive	SOUTHERN	Karuvantha,Tirunelveli	8.98	77.49
361						3548	26-03-11/Captive	SOUTHERN	Karuvantha,Tirunelveli	8.97	77.49
362						3549	26-03-11/Captive	SOUTHERN	Karuvantha,Tirunelveli	8.97	77.49
363	C0008 4	Sri V Balaji Spinning Mills India Pvt. Ltd.,	1	0.250	0.250	2028	15-03-11/Captive	PIONEER	Eragampatti,Tirupur	10.49	77.24
364	C0008 5	Sri Valliyarasi Yarns Pvt. Ltd.,	1	0.600	0.600	2069	31-03-11/Captive	RRB	Karatholuvu,Tirupur	10.64	77.39
365	C0008 6	Sri Vela Smelters Pvt. Ltd.,	1	0.850	0.850	35	31-03-11/Captive	GAMESA	Punganthuari,Tirupur	10.85	77.56
366	C0008 7	Sri Venkattalakshmi Textiles	1	0.225	0.225	3545	26-03-11/Sale to grid	SOUTHERN	Karuvantha,Tirunelveli	8.97	77.49
367	C0008 8	Sri Vinayakha Spinning Mills Pvt. Ltd.,	1	0.600	0.600	3483	09-03-11/Captive	RRB	Poolankulam,Tirunelveli	8.86	77.43
368	C0008 9	Suriya Spinning Mills	1	0.250	0.250	856	10-03-11/Captive	PIONEER	Kethanur,Tirupur	10.93	77.25
369	C0009 0	Tex Tech Indo (India) Pvt. Ltd.,	1	0.600	0.600	174	31-03-11/Captive	RRB	Sankarapuram,Theni	9.92	77.34
370	C0009 1	Tirupur Cotton Company	1	0.250	0.250	164	12-07-10/Sale to grid	PIONEER	Vathambacheri,Coimbatore	10.54	77.15
371	C0009	TT Industries	1	1.250	1.250	2053	29-03-11/Sale	SUZLON	Muthiampatti,Tiru	10.79	77.32

	2A						to grid		pur		
372	C0009 2B	TT Industries	1	1.250	1.250	2174	30-09-11/Sale to grid	SUZLON	Eragampatti,Tiru pur	10.38	77.37
373	C0009 3	Veejay Syntex Pvt. Ltd.,	1	0.800	0.800	225	23-09- 10/Captive	ENERCO N	Kottathurai,Dindi gul	10.64	77.49
374	C0009 4	Matspin India Pvt. Ltd.,	3	0.850	2.550	9	29-03-11/Sale to grid	GAMESA	Kolumanguli,Tiru pur	10.87	77.51
375						40	31-03-11/Sale to grid	GAMESA	Kolumanguli,Tiru pur	10.87	77.51
376						41	31-03-11/Sale to grid	GAMESA	Sirukinaru,Tirupu r	10.87	77.55
377	C0009 5A	Viking Knitters	3	0.850	2.550	23	31-03-11/Sale to grid	GAMESA	Sirukinaru,Tirupu r	10.82	77.55
378						26	31-03-11/Sale to grid	GAMESA	Sirukinaru,Tirupu r	10.82	77.56
379						27	31-03-11/Sale to grid	GAMESA	Sirukinaru,Tirupu r	10.82	77.57
380	C0009 5B	Viking Knitters	2	1.250	2.500	2161	29-09-11/Sale to grid	SUZLON	Manurpalayam,Ti rupur	10.82	77.31
381						2163	29-09-11/Sale to grid	SUZLON	Eragampatti,Tiru pur	10.81	77.37
382	C0009 6	Viking Textiles Pvt. Ltd.,	5	0.850	4.250	49	31-03-11/Sale to grid	GAMESA	Sirukinaru,Tirupu r	10.81	77.56
383						84	24-09-11/Sale to grid	GAMESA	Sirukinaru,Tirupu r	10.81	77.53
384						85	24-09-11/Sale to grid	GAMESA	Sirukinaru,Tirupu r	10.80	77.50
385						86	24-09-11/Sale to grid	GAMESA	Vadugapalayam, Tirupur	10.83	77.56
386						87	24-09-11/Sale to grid	GAMESA	Varapalayam,Tiru pur	10.84	77.54
387	C0009 7	VKSM Cotton Mills Ltd.,	1	0.850	0.850	20	31-03- 11/Captive	GAMESA	Vadugapalayam, Tirupur	10.83	77.53
388	C0009 8	VSM Weaves India Ltd.,	4	0.600	2.400	167	31-03- 11/Captive	RRB	T. Meenachipuram, Theni	9.88	77.34
389						168	31-03- 11/Captive	RRB	T. Meenachipuram, Theni	9.88	77.34

390						169	31-03-11/Captive	RRB	T. Meenachipuram, Theni	9.88	77.34
391						170	31-03-11/Captive	RRB	T. Meenachipuram, Theni	9.89	77.34
392	C00099	VXL Systems	2	0.800	1.600	223	16-09-10/Sale to grid	ENERCON	Kottathurai, Dindigul	10.64	77.47
393						2046	26-03-11/Sale to grid	ENERCON	Chinnakampalayam, Tirupur	10.70	77.46
394	C00100	Water World	1	0.250	0.250	260	04-09-10/Sale to grid	CHIRANJEEVI	Poorandampalayam, Coimbatore	10.52	77.11
395	C00101	Wild Wind Renewables	1	0.250	0.250	1881	13-07-10/Sale to grid	PIONEER	Naranapuram, Tirupur	10.75	77.37
396	C00102	Yash Metal & Alloys	1	0.600	0.600	3564	28-03-11/Sale to grid	RRB	Keelapavoor, Tirunelveli	8.90	77.44
			396		236.05						

Appendix II: Investment Analysis Input Values

S.No	Name of the Company	Company code	No .of WTGs	Capacity of each WTG (in MW)	Total Capacity (in MW)	Project Cost as per Purchase Order/MW (In INR Millions)	Total Project Cost as per Offer/MW (In INR Millions)	Plant Load Factor (PLF)	Interest Rate	Purchase Offer date	Board decision date	Purchase Order Date
1	A.P.A. Textiles India Pvt. Ltd.,	C0002	1	0.600	0.600	59.78	61.15	22.17%	11.50%	09-12-09	27-01-10	12-02-10
2	AA Fashion Wear Pvt. Ltd.,	C0003	1	0.600	0.600	62.75	64.00	22.82%	11.50%	22-01-10	25-01-10	27-01-10
3	Ambika Cotton mills Limited	C0005	8	1.500	12.000	63.28	63.33	24.35%	11.50%	09-03-10	12-03-10	19-03-10
4	Angalakshmi Spinning Mill	C0006	2	0.600	1.200	60.83	64.40	24.50%	11.50%	22-01-10	25-01-10	27-01-10
5	Annamalaiyar Spinners	C0007	1	0.600	0.600	57.75	59.15	22.17%	11.50%	29-01-10	08-02-10	11-02-10
6	Arunachala Gounder Textile Mills Pvt. Ltd.,	C0012 (A)	1	0.850	0.850	60.82	64.10	24.58%	11.50%	21-12-09	25-12-09	30-12-09
	Arunachala Gounder Textile Mills Pvt. Ltd.,	C0012 (B)	2	0.600	1.200	58.53	59.90	22.84%	11.50%	09-01-10	20-01-10	02-02-10
7	Arun's Engineering Works	C0013	1	0.250	0.250	56.31	58.65	22.82%	11.50%	07-12-09	08-12-09	11-12-09
8	B.M.M Paper Board (P) Ltd.,	C0014	1	0.850	0.850	63.70	65.50	24.58%	11.50%	21-01-10	22-01-10	25-01-10
9	Bala Vimodhan Power Process Pvt. Ltd.,	C0015	1	0.225	0.225	57.96	59.00	22.50%	11.50%	15-12-09	24-12-09	06-01-10
10	Balu Wind Power Pvt. Ltd.,	C0016	7	0.250	1.750	59.84	59.84	22.10%	11.50%	10-02-10	11-02-10	12-02-10
11	BRN Jewellery	C0017	1	0.250	0.250	56.15	56.82	21.93%	11.50%	18-12-09	12-01-10	29-01-10
12	BSM Wind Energy Pvt. Ltd.,	C0018	8	0.250	2.000	59.84	61.00	22.10%	11.50%	02-02-10	05-02-10	12-02-10

13	C.M.B. Spinning Mills	C0021	1	0.600	0.600	58.87	60.90	22.82%	11.50%	12-02-10	13-02-10	16-02-10
14	Chenduran Cotspin (India) Pvt. Ltd.,	C0022	2	0.850	1.700	64.68	65.75	24.58%	11.50%	02-02-10	04-02-10	28-02-10
15	Chiranjeevi Wind Energy Ltd.,	C0024 (B)	3	0.250	0.750	57.15	57.15	22.10%	11.50%	05-01-10	07-01-10	08-01-10
16	Chithiradevi	C0025	1	0.225	0.225	57.79	58.50	22.50%	11.50%	19-02-10	20-02-10	02-03-10
17	Concorde Textiles	C0027(B)	1	0.600	0.600	60.03	62.50	22.91%	13.625%	02-09-09	14-09-09	18-09-09
18	D.A.R. Paradise Retail Division	C0028	1	0.225	0.225	57.34	57.88	22.20%	11.50%	26-02-10	09-03-10	20-03-10
19	Ever Mellow Energy (India) Pvt. Ltd.,	C0031	1	0.850	0.850	63.58	65.14	24.58%	11.50%	18-02-10	23-02-10	28-02-10
20	Eveready Spinning Mills Pvt. Ltd.,	C0032 (B)	6	0.850	5.100	61.23	63.00	24.58%	11.50%	15-03-10	19-03-10	23-03-10
21	Fab Colours	C0034	3	0.225	0.675	57.50	58.50	22.35%	11.50%	23-10-09	26-10-09	29-10-09
22	Gene Apparels	C0035	2	0.225	0.450	57.55	58.50	22.35%	11.50%	06-11-09	10-11-09	19-11-09
23	Gomuki Spinning Mills Pvt. Ltd.,	C0036	10	0.250	2.500	57.40	59.50	21.93%	11.50%	18-12-09	22-12-09	09-01-10
24	Shiva Bharathi Syntex India Pvt. Ltd.,	C0038	1	0.250	0.250	59.18	59.65	21.93%	11.50%	30-12-09	04-01-10	06-01-10
25	Hindustan Hardwares	C0039	1	0.800	0.800	56.88	58.00	22.09%	11.50%	29-12-09	02-01-10	06-01-10
26	Hindustan Spinners	C0040	1	0.800	0.800	56.88	58.00	22.09%	11.50%	02-01-10	04-01-10	06-01-10
27	Hindustan Textiles 'B' Unit	C0041	1	0.800	0.800	56.88	58.00	22.09%	11.50%	29-12-09	02-01-10	06-01-10
28	Hotel Chandra Towers Ltd	C0042	2	0.250	0.500	54.80	56.20	22.55%	11.50%	09-12-09	11-12-09	14-12-09
29	J.P.P. Mills Pvt. Ltd.,	C0043	2	0.850	1.700	64.57	65.73	24.58%	11.50%	09-12-09	11-12-09	14-12-09

30	Jayanthi Textile Products Unit II	C0044 (B)	1	1.250	1.250	62.51	65.55	24.06%	11.50%	27-11-09	30-11-09	03-12-09
31	K.A.S. Industries India Ltd.,	C0046	1	0.600	0.600	59.01	59.90	22.80%	11.50%	30-10-09	10-11-09	30-11-09
32	K.A.S. Industries India Ltd.,	C0047	2	0.600	1.200	59.48	62.40	22.80%	11.50%	14-10-09	06-11-09	27-11-09
33	K.S.R. Textile Mills Pvt. Ltd.,	C0048	1	0.800	0.800	59.62	61.50	22.69%	11.50%	04-12-09	07-12-09	12-12-09
34	Karthi Rice Mill	C0050	1	0.225	0.225	57.22	57.66	22.20%	11.50%	16-10-09	17-10-09	21-10-09
35	KPL Oil Mills Pvt. Ltd.,	C0051	1	0.250	0.250	57.96	58.40	22.10%	11.50%	27-01-10	29-01-10	01-02-10
36	M.N. Easwaramurthi	C0053	2	0.225	0.450	59.14	60.00	22.35%	11.50%	23-10-09	26-10-09	29-10-09
37	Mani Cotton Textiles	C0055	1	0.600	0.600	58.73	61.00	22.48%	11.50%	21-01-10	23-01-10	27-01-10
38	Mani Spinning Mills Pvt. Ltd.,	C0056	4	0.850	3.400	64.47	65.50	24.58%	11.50%	19-03-10	20-03-10	23-03-10
39	Marathal Spinners	C0057	1	0.600	0.600	58.27	60.82	22.17%	11.50%	05-02-10	08-02-10	11-02-10
40	Marudhavel Industries Ltd.,	C0058	1	0.250	0.250	58.64	59.33	22.10%	11.50%	12-02-10	15-02-10	19-02-10
41	Mefco Engineers Pvt. Ltd.,	C0059	6	0.250	1.500	60.15	61.88	22.87%	11.50%	23-12-09	28-12-09	06-01-10
42	N Tex Apparel Pvt. Ltd.,	C0061	5	0.250	1.250	54.88	56.88	21.93%	11.50%	29-12-09	04-01-10	11-01-10
43	P.A. Nanjappa Gounder	C0066	1	0.250	0.250	56.31	56.58	21.93%	11.50%	12-01-10	14-01-10	20-01-10
44	P.K. Ganeshwar	C0067	9	0.225	2.025	58.16	58.69	22.50%	11.50%	16-02-10	20-02-10	02-03-10
45	P.K.P.N. Spinning Mills Pvt. Ltd.,	C0068	1	1.650	1.650	66.63	69.44	26.76%	11.50%	19-11-09	23-11-09	28-11-09
46	Pallipalayam Spinners Pvt. Ltd.,	C0071	3	0.600	1.800	58.98	62.12	22.84%	11.50%	07-01-10	22-01-10	01-02-10
47	Pariyur Amman Logistics	C0072	2	0.225	0.450	57.48	57.80	22.20%	11.50%	15-12-09	28-12-09	06-01-10

48	Pariyur Amman Spinning Mills Pvt. Ltd.,	C0073 (A)	1	0.225	0.225	57.98	59.10	22.20%	11.50%	30-11-09	05-12-09	16-12-09
	Pariyur Amman Spinning Mills Pvt. Ltd.,	C0073 (B)	1	0.600	0.600	59.16	60.66	22.16%	11.50%	15-01-10	21-01-10	29-01-10
49	Pramas Tea Industries	C0075	1	0.225	0.225	58.00	58.25	22.20%	11.50%	02-02-10	04-02-10	09-02-10
50	Shristi Cotspinn (P) Ltd.,	C0076 (B)	1	0.800	0.800	58.77	60.50	22.09%	11.50%	23-10-09	16-11-09	14-12-09
51	Premdurai Exports Pvt. Ltd.,	C0077	4	0.600	2.400	58.83	60.50	23.33%	11.50%	19-02-10	22-02-10	26-02-10
52	R B Wovens Pvt. Ltd.,	C0078	2	0.800	1.600	56.63	59.00	22.69%	11.50%	03-12-09	07-12-09	12-12-09
53	R. Padma Seenivasan	C0079	1	0.250	0.250	60.16	61.83	22.10%	11.50%	09-02-10	15-02-10	26-02-10
54	R.G. Selvarathi Coolie Mill	C0080	1	0.225	0.225	56.69	57.23	22.20%	11.50%	13-10-09	16-10-09	21-10-09
55	Raja Spinners	C0081	1	0.600	0.600	55.53	58.24	22.17%	11.50%	05-02-10	08-02-10	11-02-10
56	Rajashree Spintex Pvt. Ltd.,	C0082	1	0.850	0.850	65.05	66.00	24.58%	11.50%	10-02-10	26-02-10	04-03-10
57	Rasi G Energy Pvt. Ltd.,	C0084	1	1.500	1.500	66.21	69.15	26.40%	11.50%	03-12-09	18-12-09	29-12-09
58	Ribas Fabs	C0085	1	0.250	0.250	58.36	58.92	22.59%	11.50%	01-12-09	10-12-09	18-12-09
59	S. Velumani	C0087	1	0.250	0.250	57.32	60.00	22.82%	11.50%	15-09-09	19-09-09	27-09-09
60	Sakthe Animal Feeds	C0089	1	0.250	0.250	57.05	57.05	21.93%	11.50%	21-12-09	22-12-09	27-12-09
61	Sakthi Masala Pvt. Ltd.,	C0090	2	1.500	3.000	67.69	68.71	26.88%	11.50%	26-08-09	25-09-09	29-10-09
62	Sakthi Murugan Roller Flour Mills Ltd.,	C0091	1	0.250	0.250	57.32	57.60	22.10%	11.50%	29-01-10	01-02-10	05-02-10
63	Salona Cotspin Ltd.,	C0092 (B)	2	0.800	1.600	60.30	60.90	22.09%	11.50%	23-10-09	30-10-09	14-12-09
64	Selvi Spinning Mill	C0096	1	0.800	0.800	60.89	63.69	22.69%	11.50%	14-12-09	26-12-09	06-01-10

65	Senthil Hatcheries	C0097	2	0.225	0.450	57.99	60.00	22.35%	11.50%	24-11-09	26-12-09	17-01-10
66	Shakthi Murugan Textiles	C0098	2	0.600	1.200	62.48	64.90	24.50%	11.50%	12-01-10	19-01-10	27-01-10
67	Shiva Bharathi Syntex India Pvt. Ltd.,	C0099	2	0.225	0.450	59.63	60.85	22.20%	11.50%	26-11-09	27-11-09	18-12-09
68	Shri Ramathal Spinners	C0100	1	0.600	0.600	57.65	58.84	22.17%	11.50%	05-02-10	08-02-10	11-02-10
69	Shri Vaikunth Paper & Board (Pr) Ltd.,	C0101	1	0.850	0.850	64.70	65.64	24.58%	11.50%	26-12-09	28-12-09	04-01-10
70	SNQS Internationals	C0103	1	0.600	0.600	58.02	60.55	22.84%	11.50%	05-02-10	08-02-10	10-02-10
71	Speedline Spinners India Pvt. Ltd.,	C0105	1	0.800	0.800	58.75	60.10	22.69%	11.50%	13-11-09	27-11-09	30-12-09
72	Sree Kailai Spinners Pvt. Ltd.,	C0106	1	0.800	0.800	58.75	61.85	22.69%	11.50%	20-12-09	23-12-09	30-12-09
73	Sri Balaji & Co.,	C0108	2	1.650	3.300	66.51	67.80	26.76%	11.50%	05-12-09	14-12-09	22-12-09
74	Sri Dhanalakshmi Sizing & Spinning Mill	C0109 (A)	5	0.600	3.000	64.69	68.50	26.95%	11.50%	27-01-09	02-02-10	18-02-10
75	Sri Iyyan Textile Mills Pvt. Ltd.,	C0110	1	0.850	0.850	63.20	65.14	24.58%	11.50%	02-12-09	08-12-09	14-12-09
76	Sri Mahalakshmi Textiles	C0112	1	0.600	0.600	60.71	61.95	22.17%	11.50%	23-02-10	24-02-10	27-02-10
77	Sri Manjulashmi Spinners	C0113	1	0.600	0.600	58.28	58.90	22.17%	11.50%	05-02-10	08-02-10	11-02-10
78	Sri Navamani Wind Farms	C0114	2	0.250	0.500	56.95	57.30	21.93%	11.50%	29-10-09	09-11-09	27-11-09
79	Sri Seethalakshmi Steel Castings Pvt. Ltd.,	C0115	1	0.850	0.850	61.23	65.00	24.58%	11.50%	18-02-10	26-02-10	15-03-10

80	Sri Selvam Textiles	C0116 (A)	1	0.600	0.600	58.69	58.92	22.16%	11.50%	18-12-09	12-01-10	28-01-10
	Sri Selvam Textiles	C0116 (B)	1	0.225	0.225	57.67	58.67	22.20%	11.50%	26-11-09	08-12-09	18-12-09
81	Sri Siddivinayaka Cotton Corporation	C0117	1	1.650	1.650	66.51	67.80	26.76%	11.50%	18-12-09	19-12-09	22-12-09
82	Sri Vigneswara Foundary	C0118	2	0.250	0.500	57.47	57.55	21.93%	11.50%	23-11-09	24-11-09	27-11-09
83	Star Plastics	C0121	1	0.600	0.600	61.12	61.12	22.82%	11.50%	11-11-09	27-11-09	14-12-09
84	Subam Papers Pvt. Ltd.,	C0122	2	0.850	1.700	64.93	65.88	24.58%	11.50%	21-01-10	22-01-10	25-01-10
85	Sudharsan Exports	C0123	1	0.225	0.225	58.42	60.02	22.20%	11.50%	26-11-09	01-12-09	18-12-09
86	Sun Industrial Automations & Solutions	C0125	1	0.600	0.600	62.84	62.84	24.50%	13.625%	14-07-09	15-07-09	18-07-09
87	Suresh Textiles	C0126	1	0.250	0.250	58.03	60.56	22.40%	11.50%	21-12-09	24-12-09	04-01-10
88	Sushrushah Medicare Centre Pvt. Ltd.,	C0127	1	0.250	0.250	60.23	62.50	23.67%	11.50%	18-12-09	21-12-09	23-12-09
89	Swathi Hatcheries	C0128	1	0.250	0.250	59.30	62.15	22.40%	11.50%	24-12-09	30-12-09	04-01-10
90	T.R. Venkatesan Chettiar & Sons Jewellers	C0130	1	0.250	0.250	58.00	58.00	21.93%	11.50%	22-12-09	24-12-09	30-12-09
91	Tex Tech Industries (India) Pvt. Ltd.,	C0131	1	0.800	0.800	58.06	58.50	22.69%	11.50%	04-11-09	05-11-09	11-11-09
92	Tirupur Thirukkumaran Textiles Pvt. Ltd.,	C0133	2	1.250	2.500	60.00	62.90	23.69%	11.50%	22-01-10	15-03-10	23-03-10
93	Vetal Hi-Tech Industries	C0136	1	0.800	0.800	57.88	60.50	22.69%	11.50%	09-12-09	11-12-09	30-12-09

94	Vetal Textiles & Electronics Pvt. Ltd.,	C0137	1	0.800	0.800	57.88	60.77	22.69%	11.50%	09-12-09	11-12-09	30-12-09
95	Viking Textiles Pvt. Ltd.,	C0138	1	1.250	1.250	60.35	62.96	24.06%	11.50%	24-12-09	28-12-09	07-01-10
96	VKSM Cotton Mills Ltd.,	C0139	1	0.800	0.800	58.75	61.00	22.69%	11.50%	13-11-09	19-11-09	30-12-09
97	Wild Wind Renewables	C0141	1	0.250	0.250	56.38	57.00	21.93%	11.50%	04-01-10	11-01-10	02-02-10
98	Yash Metal Resources Pvt. Ltd.,	C0142	1	0.600	0.600	62.92	63.80	24.50%	13.625%	15-07-09	07-08-09	13-08-09
99	Yennarkay R. Selvarathnam	C0143	1	0.600	0.600	58.90	60.90	22.82%	11.50%	27-11-09	01-12-09	04-12-09
100	Alagu Wind Mills	C00001	1	0.600	0.600	54.66	57.44	22.85%	12.25%	11-11-10	09-12-10	17-12-10
101	Anand Textiles	C00002	2	0.850	1.700	62.93	65.05	23.71%	12.25%	01-12-10	02-12-10	03-12-10
102	Anangoor Textile Mills Pvt. Ltd.,	C00003	1	0.850	0.850	66.40	68.52	23.71%	12.25%	02-01-11	01-02-11	03-02-11
103	Angalakshmi Spinning Mill	C00004	1	0.600	0.600	54.96	56.63	23.04%	11.50%	30-07-10	05-08-10	12-08-10
104	Annamalaiyar Spinners	C00005	1	0.600	0.600	61.25	63.85	22.85%	11.50%	01-02-10	20-07-10	24-07-10
105	Arun Dye Chem	C00006	1	0.225	0.225	56.70	59.75	24.18%	11.50%	23-02-10	07-04-10	23-05-10
106	Balu Exports	C00007	4	0.600	2.400	58.85	59.80	24.56%	11.50%	12-05-10	09-06-10	17-06-10
107	Best Corporation Ltd.,	C00008 (A)	2	0.600	1.200	58.44	59.30	24.30%	11.50%	26-02-10	29-06-10	02-07-10
	Best Corporation Ltd.,	C00008 (B)	4	0.600	2.400	51.75	54.54	23.12%	12.25%	26-02-10	01-02-11	05-02-11
108	Bhagavathi Spinners	C00009	2	0.225	0.450	60.59	63.12	23.07%	12.25%	02-01-11	03-01-11	05-01-11
109	Chenniappa Yarn Spinners Pvt. Ltd.,	C00010	2	0.850	1.700	63.11	65.05	23.71%	11.50%	20-09-10	22-09-10	24-09-10

110	Cheran Spinner Ltd.,	C00011	2	0.850	1.700	61.45	65.55	23.80%	11.50%	09-05-10	12-05-10	13-05-10
111	Chiranjilal Spinners Pvt. Ltd.,	C00012	1	0.850	0.850	63.27	66.99	23.71%	11.50%	09-08-10	16-08-10	19-08-10
112	Chiranjeevi Wind Energy Ltd.,	C00013	1	0.250	0.250	54.24	57.40	23.35%	11.50%	26-07-10	28-07-10	30-07-10
113	Chola Spinning Mills Pvt. Ltd.,	C00014	2	0.750	1.500	58.43	60.97	22.08%	12.25%	20-12-10	22-12-10	24-12-10
114	Concorde Agencies	C00015	1	0.600	0.600	51.67	55.58	23.04%	11.50%	06-08-10	13-08-10	16-08-10
115	Concorde Textiles	C00016	1	0.600	0.600	51.67	55.58	23.04%	11.50%	06-08-10	13-08-10	16-08-10
116	Doller Industries Ltd.,	C00017	1	1.500	1.500	65.34	69.56	25.05%	12.25%	15-12-10	16-12-10	20-12-10
117	Forknits	C00018	1	0.600	0.600	57.04	59.38	22.90%	11.50%	12-05-10	15-06-10	24-06-10
118	G.R. Natarajan & Co.,	C00019	1	0.600	0.600	60.67	65.25	26.88%	11.50%	30-07-10	05-08-10	16-08-10
119	Greenland Paper Mills Ltd.,	C00020	1	1.250	1.250	55.07	55.52	22.81%	11.50%	24-07-10	16-08-10	26-08-10
120	GVS Spinners Pvt. Ltd.,	C00021	1	0.750	0.750	58.30	61.70	22.08%	12.25%	18-03-11	22-03-11	25-03-11
121	Hariharan Spinners Ltd.,	C00022	1	0.850	0.850	62.82	64.64	23.46%	12.25%	02-03-11	15-03-11	16-03-11
122	Hindustan Hardwares	C00023	1	0.850	0.850	62.88	61.70	23.80%	11.50%	25-01-10	18-06-10	24-06-10
123	Hindustan Spinners "B" Unit	C00024	1	0.850	0.850	62.88	62.90	23.80%	11.50%	26-04-10	22-06-10	24-06-10
124	Hindustan Textiles	C00025	1	0.850	0.850	62.88	62.90	23.80%	11.50%	26-04-10	16-06-10	24-06-10
125	Iswari Spinning Mills,	C00026	1	0.600	0.600	62.78	63.64	22.85%	11.50%	20-08-10	21-09-10	28-09-10
126	Janaki Cotton Mills Ltd.,	C00027	1	0.600	0.600	61.76	61.90	23.08%	13.00%	02-05-11	01-06-11	03-06-11
127	Jayachandra Bearings India Pvt. Ltd.,	C00028	1	0.250	0.250	62.07	61.77	22.34%	12.25%	16-02-11	18-02-11	21-02-11

128	Jayavarma Textiles Pvt. Ltd.,	C00029	3	0.850	2.550	62.79	65.78	23.71%	12.25%	29-11-10	30-11-10	01-12-10
129	JRE Valves & Pumps Pvt. Ltd.,	C00030 (A)	1	0.250	0.250	60.77	61.80	22.34%	11.50%	11-05-10	12-05-10	13-05-10
	JRE Valves & Pumps Pvt. Ltd.,	C00030 (B)	1	0.750	0.750	62.29	61.45	22.16%	12.25%	04-02-11	05-04-11	22-04-11
130	JVS Export	C00031	1	1.250	1.250	58.95	59.22	22.01%	13.00%	14-06-11	17-06-11	21-06-11
131	K.A.S. Industries India Ltd.,	C00032	3	0.600	1.800	62.04	63.15	23.04%	12.25%	25-11-10	08-12-10	13-12-10
132	K.S.R. Textile Mills Pvt. Ltd.,	C00033 (A)	1	0.800	0.800	60.38	63.56	22.95%	12.25%	21-02-11	22-02-11	23-02-11
	K.S.R. Textile Mills Pvt. Ltd.,	C00033 (B)	1	0.250	0.250	62.28	61.44	22.34%	12.25%	01-02-11	03-02-11	04-02-11
133	Kandhan Knits	C00034	1	0.850	0.850	66.05	64.88	24.32%	12.25%	01-12-10	09-12-10	17-12-10
134	Karpagham Tex	C00035	1	0.600	0.600	59.71	59.75	22.90%	11.50%	30-01-10	05-05-10	13-05-10
135	Kayaar Exports Pvt. Ltd.,	C00036	2	1.000	2.000	62.00	61.88	25.66%	11.50%	17-06-10	02-09-10	08-09-10
136	Kesharinandan Knit Fabrics Pvt. Ltd.,	C00037	1	0.750	0.750	59.82	59.13	23.11%	11.50%	09-06-10	08-07-10	23-07-10
137	Kurinji Spinning Mills Pvt. Ltd.,	C00038	1	0.850	0.850	63.52	66.52	24.32%	12.25%	27-12-10	06-01-11	11-01-11
138	Kutti Spinners Pvt. Ltd.,	C00039	1	1.250	1.250	54.83	58.38	23.80%	11.50%	15-06-10	13-07-10	16-07-10
139	Lambodhara Textiles Ltd.,	C00040	1	1.250	1.250	62.76	62.12	22.42%	11.50%	03-07-10	29-07-10	02-08-10
140	Lax Blue Metals Pvt. Ltd.,	C00041	5	0.225	1.125	60.24	58.95	23.07%	11.50%	23-07-10	24-08-10	25-08-10
141	Lucky Yarn Tex India Ltd.,	C00042	10	0.250	2.500	63.22	62.14	22.34%	12.25%	12-01-11	27-01-11	02-02-11
142	M. Thiagarajan	C00043	1	0.750	0.750	60.60	59.50	23.80%	11.50%	22-07-10	12-08-10	28-08-10
143	Madras Hardtools Pvt. Ltd.,	C00044	1	0.250	0.250	62.47	62.08	23.35%	11.50%	10-04-10	22-04-10	26-04-10

144	Mothi Spinner Ltd.,	C00045 (A)	4	0.600	2.400	62.39	63.11	23.04%	11.50%	25-06-10	02-08-10	10-08-10
	Mothi Spinner Ltd.,	C00045 (B)	2	0.750	1.500	62.23	62.90	22.16%	13.00%	09-08-11	22-08-11	01-09-11
145	Murugan Textiles	C00046	2	0.850	1.700	67.09	68.52	23.71%	12.25%	02-01-11	04-01-11	07-01-11
146	Muthuraam Poly Spin	C00047	2	0.225	0.450	64.55	65.53	23.07%	12.25%	08-01-11	10-01-11	11-01-11
147	N. Chandran	C00048	1	0.850	0.850	65.63	66.40	26.11%	12.25%	20-12-10	23-12-10	29-12-10
148	N. Danissh Plaastics	C00049	1	0.600	0.600	63.47	63.42	22.85%	11.50%	02-08-10	13-08-10	24-08-10
149	N.Krishnasamy	C00050	4	0.250	1.000	60.37	59.78	24.50%	11.50%	20-05-10	11-06-10	26-06-10
150	Narasu's Spinning Mills	C00051	1	1.250	1.250	61.69	61.07	22.01%	11.50%	07-06-10	24-09-10	07-10-10
151	Neeraj Enterprises Pvt. Ltd.,	C00052	1	0.250	0.250	60.80	59.96	23.86%	11.50%	10-05-10	02-06-10	15-06-10
152	NKCM Spinners Pvt. Ltd.,	C00053	1	0.750	0.750	61.86	61.12	22.08%	12.25%	05-12-10	17-12-10	24-12-10
153	Novacom Digitronics Pvt. Ltd.,	C00054	2	0.250	0.500	56.88	59.50	24.83%	12.25%	10-01-11	12-01-11	20-01-11
154	NSP Tex	C00055	1	0.250	0.250	56.88	58.34	23.18%	12.25%	13-12-10	22-12-10	27-12-10
155	P.K. Ganeshwar	C00056	15	0.225	3.375	59.39	58.24	24.18%	11.50%	23-01-10	07-05-10	23-05-10
156	Pallava Textiles Ltd.,	C00057	1	1.650	1.650	68.82	69.57	25.33%	11.50%	10-05-10	18-05-10	24-05-10
157	PKPN Spinning Mills Pvt. Ltd.,	C00058	2	0.750	1.500	60.35	61.12	22.08%	12.25%	15-12-10	17-12-10	24-12-10
158	Pon Pure Chem Pvt. Ltd.,	C00059	1	0.850	0.850	64.53	64.88	23.71%	12.25%	01-11-10	01-12-10	02-12-10
159	Prabhu Textiles	C00060 (A)	1	0.225	0.225	63.38	62.99	23.00%	12.25%	22-12-10	23-12-10	27-12-10
	Prabhu Textiles	C00060 (B)	1	0.600	0.600	62.71	63.83	22.89%	11.50%	24-01-10	08-06-10	27-06-10
160	Prachidhi Spinners Pvt. Ltd.,	C00061	1	0.600	0.600	67.35	68.71	24.11%	11.50%	03-07-10	28-07-10	11-08-10

161	Precot Meridian Ltd.,	C00062	2	1.500	3.000	67.31	69.21	25.20%	11.50%	18-05-10	29-05-10	08-06-10
162	Rajashree Spintex Pvt. Ltd.,	C00063	1	0.850	0.850	62.76	65.88	23.71%	11.50%	15-09-10	16-09-10	18-09-10
163	Raju Spinning Mills Pvt. Ltd.,	C00064	1	1.500	1.500	69.20	69.21	25.03%	12.25%	24-10-10	27-10-10	30-10-10
164	Rasi G Energy Pvt. Ltd.,	C00065	3	1.500	4.500	69.48	69.99	25.20%	11.50%	27-05-10	28-06-10	11-07-10
165	Sakthi Murugan Agro Foods Ltd.,	C00066	2	0.250	0.500	56.48	56.48	23.35%	12.25%	10-12-10	11-12-10	13-12-10
166	Sakthi Murugan Roller Flour Mills Ltd.,	C00067	2	0.250	0.500	56.48	56.48	23.35%	12.25%	10-12-10	11-12-10	13-12-10
167	Santhi Processing Unit Pvt. Ltd.,	C00068	3	0.250	0.750	63.19	62.91	22.88%	12.25%	10-02-11	16-02-11	23-02-11
168	Sengunthur Mills Pvt. Ltd.,	C00069	1	1.250	1.250	62.65	63.47	22.81%	11.50%	07-06-10	06-07-10	16-07-10
169	Senthil Hatcheries	C00070	2	0.225	0.450	62.94	63.45	23.05%	11.50%	05-05-10	12-05-10	17-05-10
170	Senthil Nathan Spinning Mills Pvt. Ltd.,	C00071	1	0.800	0.800	60.88	64.62	23.31%	12.25%	22-10-10	25-10-10	29-10-10
171	Seyadu Beedi Company	C00072	3	0.850	2.550	64.22	64.22	23.46%	12.25%	28-02-11	01-03-11	02-03-11
172	Shri Manjulashmi Spinners	C00073	1	0.600	0.600	62.21	63.54	22.85%	11.50%	01-02-10	15-07-10	24-07-10
173	Shri Rohith Spinners Pvt. Ltd.,	C00074	1	0.600	0.600	63.40	63.18	22.85%	11.50%	11-06-10	03-08-10	24-08-10
174	SJLT Spinning Mills Pvt. Ltd.,	C00075	1	1.000	1.000	60.38	63.16	25.66%	11.50%	09-08-10	06-09-10	10-09-10
175	SMP Textiles Mills Pvt. Ltd.,	C00076	1	0.600	0.600	63.56	63.23	22.90%	11.50%	11-06-10	04-08-10	12-08-10

176	Sree Jagathguru Textiles Mills Pvt. Ltd.,	C00077	3	1.250	3.750	63.89	62.88	22.81%	11.50%	15-07-10	29-07-10	06-08-10
			2	1.500	3.000	68.26	69.21	25.05%				27-08-10
177	Sree Kailaii Spinners Pvt. Ltd.,	C00078	2	0.225	0.450	62.94	62.99	23.00%	12.25%	22-12-10	23-12-10	27-12-10
178	Sri Balaji Spinning Mills	C00079	2	0.250	0.500	62.67	62.63	22.54%	11.50%	02-09-10	09-09-10	14-09-10
179	Sri Balaji Textiles	C00080	1	0.600	0.600	63.07	63.17	22.89%	11.50%	02-08-10	04-08-10	09-08-10
180	Sri Dhanalakshmi Sizing & Spinning Mill	C00081 (A)	5	0.600	3.000	61.16	61.38	25.20%	11.50%	14-12-09	22-04-10	13-05-10
	Sri Dhanalakshmi Sizing and Spinning Mill	C00081 (B)	5	0.600	3.000	62.20	62.88	25.20%	12.25%	19-08-10	15-12-10	27-12-10
181	Sri Dhanalakshmi Sizing and Spinning Mill	C00081(C)	1	1.500	1.500	65.93	64.88	24.77%	13.00%	02-07-11	25-07-11	03-08-11
182	Sri Jagannatha Spinners	C00082 (A)	1	0.600	0.600	64.09	62.90	22.90%	12.25%	10-04-10	25-02-11	11-03-11
	Sri Jagannatha Spinners	C00082 (B)	1	0.600	0.600	63.62	63.50	22.90%	11.50%	10-04-10	13-05-10	17-05-10
183	Sri Thangam Spinners India Pvt. Ltd.,	C00083	4	0.225	0.900	63.44	63.39	23.00%	11.50%	04-08-10	05-08-10	06-08-10
184	Sri V Balaji Spinning Mills India Pvt. Ltd.,	C00084	1	0.250	0.250	62.48	62.43	22.54%	11.50%	02-09-10	09-09-10	14-09-10
185	Sri Valliyarasi Yarns Pvt. Ltd.,	C00085	1	0.600	0.600	62.51	63.35	23.12%	12.25%	24-01-11	25-02-11	01-03-11
186	Sri Vela Smelters Pvt. Ltd.,	C00086	1	0.850	0.850	66.05	66.05	23.71%	12.25%	20-12-10	04-01-11	10-01-11

187	Sri Venkattalakshmi Textiles	C00087	1	0.225	0.225	57.32	57.32	23.00%	11.50%	05-08-10	09-08-10	11-08-10
188	Sri Vinayakha Spinning Mills Pvt. Ltd.,	C00088	1	0.600	0.600	64.27	63.20	23.04%	12.25%	22-10-10	23-10-10	24-10-10
189	Suriya Spinning Mills	C00089	1	0.250	0.250	61.61	61.29	22.19%	11.50%	10-08-10	15-09-10	20-09-10
190	Tex Tech Indo (India) Pvt. Ltd.,	C00090	1	0.600	0.600	63.79	63.25	23.08%	12.25%	07-02-11	08-02-11	10-02-11
191	Tirupur Cotton Company	C00091	1	0.250	0.250	60.37	59.19	22.54%	11.50%	31-03-10	15-04-10	08-05-10
192	TT Industries	C00092 (A)	1	1.250	1.250	59.66	60.33	22.81%	11.50%	28-12-09	15-07-10	20-07-10
	TT Industries	C00092 (B)	1	1.250	1.250	60.34	60.33	22.81%	13.00%	30-06-11	19-08-11	31-08-11
193	Veejay Syntex Pvt. Ltd.,	C00093	1	0.800	0.800	64.88	64.25	23.31%	11.50%	12-03-10	04-05-10	25-05-10
	Venus Textiles Service	C00094	3	0.850	2.550	62.52	62.79	23.71%	12.25%	12-11-10	13-11-10	16-11-10
194	Viking Knitters	C00095 (A)	3	0.850	2.550	62.93	62.93	23.71%	12.25%	26-11-10	30-11-10	02-12-10
	Viking Knitters	C00095 (B)	2	1.250	2.500	55.84	59.50	22.81%	12.25%	18-02-11	02-03-11	08-03-11
195	Viking Textiles Pvt. Ltd.,	C00096	5	0.850	4.250	62.93	62.93	23.71%	12.25%	01-12-10	02-12-10	03-12-10
196	VKSM Cotton Mills Ltd.,	C00097	1	0.850	0.850	63.11	65.11	23.71%	12.25%	14-10-10	10-11-10	20-11-10
197	VSM Weaves India Ltd.,	C00098	4	0.600	2.400	62.38	63.13	23.08%	12.25%	24-11-10	01-12-10	09-12-10
198	VXL Systems	C00099	2	0.800	1.600	58.13	61.13	23.31%	11.50%	14-05-10	02-06-10	12-06-10
199	Water World	C00100	1	0.250	0.250	62.08	62.08	23.35%	11.50%	10-04-10	20-04-10	28-04-10
200	Wild Wind Renewables	C00101	1	0.250	0.250	61.12	59.13	23.60%	11.50%	05-03-10	03-05-10	12-05-10
201	Yash Metal & Alloys	C00102	1	0.600	0.600	60.66	58.90	23.04%	12.25%	10-11-10	17-11-10	25-11-10
			396		236.050							

Appendix III: Results – Financial indicator

S.No	Name of the Company	Company code	No .of WTGs	Capacity of each WTG (in MW)	Total Capacity (in MW)	Equity IRR without VCS Revenue	Equity Project IRR with VCS Revenue	PLF +10%	Tariff +10%	Project Cost -10%	O&M -10%
1	A.P.A. Textiles India Pvt. Ltd.,	C0002	1	0.600	0.600	8.72	16.46	11.73	11.82	12.09	8.87
2	AA Fashion Wear Pvt. Ltd.,	C0003	1	0.600	0.600	8.26	15.62	11.17	11.26	11.50	8.41
3	Ambika Cotton mills Limited	C0005	8	1.500	12.000	10.46	16.92	14.16	14.25	14.62	10.88
4	Angalakshmi Spinning Mill	C0006	2	0.600	1.200	10.56	19.35	14.30	14.42	15.04	10.74
5	Annamalaiyar Spinners	C0007	1	0.600	0.600	10.61	19.56	14.19	14.19	14.65	10.99
6	Arunachala Gounder Textile Mills Pvt. Ltd.,	C0012 (A)	1	0.850	0.850	10.41	19.58	14.11	14.23	14.57	10.61
	Arunachala Gounder Textile Mills Pvt. Ltd.,	C0012 (B)	2	0.600	1.200	10.04	18.90	13.60	13.72	14.31	10.21
7	Arun's Engineering Works	C0013	1	0.250	0.250	11.84	21.81	15.95	15.95	16.45	12.23
8	B.M.M Paper Board (P) Ltd.,	C0014	1	0.850	0.850	9.75	18.33	13.14	13.26	13.59	9.91
9	Bala Vimodhan Power Process Pvt. Ltd.,	C0015	1	0.225	0.225	10.60	20.02	14.18	14.18	14.63	10.96
10	Balu Wind Power Pvt. Ltd.,	C0016	7	0.250	1.750	9.08	17.12	12.22	12.33	12.65	9.25
11	BRN Jewellery	C0017	1	0.250	0.250	11.57	21.31	15.56	15.56	16.05	11.95
12	BSM Wind Energy Pvt. Ltd.,	C0018	8	0.250	2.000	8.53	16.12	11.49	11.58	11.84	8.68
13	C.M.B. Spinning Mills	C0021	1	0.600	0.600	10.60	19.54	14.18	14.18	14.64	10.98
14	Chenduran Cotspin (India) Pvt. Ltd.,	C0022	2	0.850	1.700	9.45	17.79	12.74	12.85	13.18	9.61
15	Chiranjeevi Wind Energy Ltd.,	C0024 (B)	3	0.250	0.750	11.03	20.85	14.81	14.81	15.26	11.39
16	Chithiradevi	C0025	1	0.225	0.225	11.45	21.10	15.39	15.39	15.88	11.84
17	Concorde Textiles	C0027(B)	1	0.600	0.600	8.26	15.22	11.06	11.06	11.39	8.60
18	D.A.R. Paradise Retail Division	C0028	1	0.225	0.225	11.36	20.93	15.26	15.26	15.74	11.74
19	Ever Mellow Energy (India) Pvt. Ltd.,	C0031	1	0.850	0.850	9.91	18.64	13.39	13.51	13.83	10.08

20	Eveready Spinning Mills Pvt. Ltd.,	C0032 (B)	6	0.850	5.100	11.03	20.86	14.85	14.85	15.31	11.39
21	Fab Colours	C0034	3	0.225	0.675	11.23	20.69	15.07	15.07	15.55	11.61
22	Gene Apparels	C0035	2	0.225	0.450	11.23	20.69	15.07	15.07	15.55	11.61
23	Gomuki Spinning Mills Pvt. Ltd.,	C0036	10	0.250	2.500	9.01	17.01	12.13	12.25	12.56	9.19
24	Shiva Bharathi Syntex India Pvt. Ltd.,	C0038	1	0.250	0.250	9.11	17.19	12.26	12.37	12.69	9.29
25	Hindustan Hardwares	C0039	1	0.800	0.800	11.13	20.51	14.93	14.93	15.40	11.51
26	Hindustan Spinners	C0040	1	0.800	0.800	11.13	20.51	14.93	14.93	15.40	11.51
27	Hindustan Textiles 'B' Unit	C0041	1	0.800	0.800	11.13	20.51	14.93	14.93	15.40	11.51
28	Hotel Chandra Towers Ltd	C0042	2	0.250	0.500	11.87	16.44	16.14	16.21	16.65	12.29
29	J.P.P. Mills Pvt. Ltd.,	C0043	2	0.850	1.700	9.46	17.81	12.75	12.87	13.19	9.62
30	Jayanthi Textile Products Unit II	C0044 (B)	1	1.250	1.250	9.43	17.33	12.66	12.78	13.11	9.60
31	K.A.S. Industries India Ltd.,	C0046	1	0.600	0.600	10.53	19.90	14.10	14.10	14.55	10.90
32	K.A.S. Industries India Ltd.,	C0047	2	0.600	1.200	8.77	16.55	11.78	11.88	12.42	8.92
33	K.S.R. Textile Mills Pvt. Ltd.,	C0048	1	0.800	0.800	9.23	17.39	12.41	12.52	12.84	9.40
34	Karthi Rice Mill	C0050	1	0.225	0.225	11.48	21.16	15.44	15.44	15.93	11.87
35	KPL Oil Mills Pvt. Ltd.,	C0051	1	0.250	0.250	10.32	19.55	13.85	13.85	14.29	10.72
36	M.N. Easwaramurthi	C0053	2	0.225	0.450	10.41	19.20	13.91	13.91	14.36	10.79
37	Mani Cotton Textiles	C0055	1	0.600	0.600	10.08	18.59	13.43	13.43	13.88	10.46
38	Mani Spinning Mills Pvt. Ltd.,	C0056	4	0.850	3.400	9.81	18.58	13.15	13.15	13.58	10.17
39	Marathal Spinners	C0057	1	0.600	0.600	9.75	17.99	12.95	12.95	13.39	10.12
40	Marudhavel Industries Ltd.,	C0058	1	0.250	0.250	9.85	18.65	13.16	13.16	13.60	10.21
41	Mefco Engineers Pvt. Ltd.,	C0059	6	0.250	1.500	9.10	17.17	12.25	12.37	12.68	9.28
42	N Tex Apparel Pvt. Ltd.,	C0061	5	0.250	1.250	10.94	20.67	14.67	14.67	15.13	11.30
43	P.A. Nanjappa Gounder	C0066	1	0.250	0.250	11.71	21.57	15.76	15.76	16.26	12.10
44	P.K. Ganeshwar	C0067	9	0.225	2.025	11.06	20.39	14.87	14.87	15.35	11.44
45	P.K.P.N. Spinning Mills Pvt. Ltd.,	C0068	1	1.650	1.650	10.39	19.52	14.08	14.20	14.54	10.58

46	Pallipalayam Spinners Pvt. Ltd.,	C0071	3	0.600	1.800	8.94	16.88	12.03	12.15	12.46	9.11
47	Pariyur Amman Logistics	C0072	2	0.225	0.450	11.40	21.01	15.33	15.33	15.81	11.79
48	Pariyur Amman Spinning Mills Pvt. Ltd.,	C0073 (A)	1	0.225	0.225	9.78	18.39	13.19	13.31	13.63	9.94
	Pariyur Amman Spinning Mills Pvt. Ltd.,	C0073 (B)	1	0.600	0.600	8.93	16.86	12.00	12.10	12.42	9.09
49	Pramas Tea Industries	C0075	1	0.225	0.225	11.15	20.55	14.96	14.96	15.44	11.53
50	Shristi Cotspinn (P) Ltd.,	C0076 (B)	1	0.800	0.800	8.92	16.83	11.98	12.08	12.39	9.07
51	Premdurai Exports Pvt. Ltd.,	C0077	4	0.600	2.400	10.67	20.16	14.32	14.32	14.77	11.03
52	R B Wovens Pvt. Ltd.,	C0078	2	0.800	1.600	10.59	20.01	14.20	14.20	14.65	10.95
53	R. Padma Seenivasan	C0079	1	0.250	0.250	9.17	16.94	12.20	12.20	12.56	9.54
54	R.G. Selvarathi Coolie Mill	C0080	1	0.225	0.225	11.74	21.62	15.80	15.80	16.30	12.13
55	Raja Spinners	C0081	1	0.600	0.600	11.11	20.47	14.90	14.90	15.38	11.49
56	Rajashree Spintex Pvt. Ltd.,	C0082	1	0.850	0.850	9.52	17.91	12.81	12.93	13.25	9.68
57	Rasi G Energy Pvt. Ltd.,	C0084	1	1.500	1.500	10.08	18.97	13.66	13.78	14.11	10.25
58	Ribas Fabs	C0085	1	0.250	0.250	11.34	20.91	15.24	15.24	15.72	11.73
59	S. Velumani	C0087	1	0.250	0.250	11.08	20.42	14.86	14.86	15.34	11.46
60	Sakthe Animal Feeds	C0089	1	0.250	0.250	11.43	21.06	15.37	15.37	15.85	11.82
61	Sakthi Masala Pvt. Ltd.,	C0090	2	1.500	3.000	11.12	21.02	14.97	14.97	15.43	11.48
62	Sakthi Murugan Roller Flour Mills Ltd.,	C0091	1	0.250	0.250	10.79	20.38	14.45	14.45	14.91	11.15
63	Salona Cotspin Ltd.,	C0092 (B)	2	0.800	1.600	8.56	16.18	11.53	11.62	11.89	8.71
64	Selvi Spinning Mill	C0096	1	0.800	0.800	8.72	16.06	11.77	11.87	12.13	8.88
65	Senthil Hatcheries	C0097	2	0.225	0.450	10.41	19.20	13.91	13.91	14.36	10.79
66	Shakthi Murugan Textiles	C0098	2	0.600	1.200	10.31	18.90	13.94	14.06	14.66	10.49
67	Shiva Bharathi Syntex India Pvt. Ltd.,	C0099	2	0.225	0.450	8.90	16.79	11.95	12.05	12.36	9.05
68	Shri Ramathal Spinners	C0100	1	0.600	0.600	10.78	19.87	14.43	14.43	14.89	11.16
69	Shri Vaikunth Paper & Board (Pr) Ltd.,	C0101	1	0.850	0.850	9.68	18.21	13.05	13.17	13.49	9.84
70	SNQS Internationals	C0103	1	0.600	0.600	10.81	19.93	14.48	14.48	14.95	11.19

71	Speedline Spinners India Pvt. Ltd.,	C0105	1	0.800	0.800	9.93	18.67	13.41	13.53	13.86	10.09
72	Sree Kailai Spinners Pvt. Ltd.,	C0106	1	0.800	0.800	9.05	17.08	12.17	12.28	12.59	9.22
73	Sri Balaji & Co.,	C0108	2	1.650	3.300	12.04	22.18	16.27	16.27	16.77	12.44
74	Sri Dhanalakshmi Sizing & Spinning Mill	C0109 (A)	5	0.600	3.000	11.93	21.98	16.11	16.11	16.61	12.32
75	Sri Iyyan Textile Mills Pvt. Ltd.,	C0110	1	0.850	0.850	9.91	18.64	13.39	13.51	13.83	10.08
76	Sri Mahalakshmi Textiles	C0112	1	0.600	0.600	8.85	16.29	11.93	12.03	12.30	9.01
77	Sri Manjulashmi Spinners	C0113	1	0.600	0.600	10.74	19.81	14.38	14.38	14.85	11.12
78	Sri Navamani Wind Farms	C0114	2	0.250	0.500	11.28	20.80	15.16	15.16	15.64	11.67
79	Sri Seethalakshmi Steel Castings Pvt. Ltd.,	C0115	1	0.850	0.850	9.98	18.77	13.48	13.60	13.93	10.14
80	Sri Selvam Textiles	C0116 (A)	1	0.600	0.600	10.72	19.76	14.34	14.34	14.81	11.10
	Sri Selvam Textiles	C0116 (B)	1	0.225	0.225	10.91	20.12	14.62	14.62	15.09	11.29
81	Sri Siddivinayaka Cotton Corporation	C0117	1	1.650	1.650	12.04	22.18	16.27	16.27	16.77	12.44
82	Sri Vigneswara Foundary	C0118	2	0.250	0.500	11.14	20.54	14.95	14.95	15.43	11.53
83	Star Plastics	C0121	1	0.600	0.600	10.15	18.60	13.67	13.80	14.14	10.32
84	Subam Papers Pvt. Ltd.,	C0122	2	0.850	1.700	9.39	17.68	12.65	12.77	13.09	9.55
85	Sudharsan Exports	C0123	1	0.225	0.225	9.85	18.07	13.25	13.37	13.70	10.02
86	Sun Industrial Automations & Solutions	C0125	1	0.600	0.600	9.76	17.93	13.02	13.02	13.75	10.11
87	Suresh Textiles	C0126	1	0.250	0.250	9.85	18.07	13.25	13.37	13.70	10.02
88	Sushrushah Medicare Centre Pvt. Ltd.,	C0127	1	0.250	0.250	10.35	19.59	13.88	13.88	14.32	10.75
89	Swathi Hatcheries	C0128	1	0.250	0.250	9.06	16.66	12.19	12.29	12.56	9.22
90	T.R. Venkatesan Chettiar & Sons Jewellers	C0130	1	0.250	0.250	10.89	20.07	14.59	14.59	15.06	11.27
91	Tex Tech Industries (India) Pvt. Ltd.,	C0131	1	0.800	0.800	11.13	21.03	14.94	14.94	15.40	11.49
92	Tirupur Thirukkumaran Textiles Pvt. Ltd.,	C0133	2	1.250	2.500	9.67	18.20	13.06	13.18	13.50	9.83

93	Vetal Hi-Tech Industries	C0136	1	0.800	0.800	10.63	19.59	14.22	14.22	14.68	11.01
94	Vetal Textiles & Electronics Pvt. Ltd.,	C0137	1	0.800	0.800	9.92	18.78	13.26	13.26	13.70	10.28
95	Viking Textiles Pvt. Ltd.,	C0138	1	1.250	1.250	10.11	19.02	13.70	13.82	14.41	10.28
96	VKSM Cotton Mills Ltd.,	C0139	1	0.800	0.800	9.48	17.84	12.76	12.88	13.20	9.64
97	Wild Wind Renewables	C0141	1	0.250	0.250	11.46	21.12	15.41	15.41	15.89	11.85
98	Yash Metal Resources Pvt. Ltd.,	C0142	1	0.600	0.600	9.02	17.02	12.01	12.01	12.40	9.35
99	Yennarkay R. Selvarathnam	C0143	1	0.600	0.600	10.60	19.54	14.18	14.18	14.64	10.98
100	Alagu Wind Mills	C00001	1	0.600	0.600	10.46	20.06	14.03	14.03	14.46	10.79
101	Anand Textiles	C00002	2	0.850	1.700	11.66	20.44	15.75	15.86	16.21	11.88
102	Anangoor Textile Mills Pvt. Ltd.,	C00003	1	0.850	0.850	10.12	17.82	13.68	13.78	14.11	10.28
103	Angalakshmi Spinning Mill	C00004	1	0.600	0.600	11.96	22.85	15.98	15.98	16.43	12.38
104	Annamalaiyar Spinners	C00005	1	0.600	0.600	12.02	21.07	16.16	16.27	16.63	12.24
105	Arun Dye Chem	C00006	1	0.225	0.225	11.75	22.48	15.73	15.73	16.18	12.17
106	Balu Exports	C00007	4	0.600	2.400	12.02	22.92	16.02	16.02	16.48	12.44
107	Best Corporation Ltd.,	C00008 (A)	2	0.600	1.200	12.24	23.34	16.30	16.30	16.76	12.66
	Best Corporation Ltd.,	C00008 (B)	4	0.600	2.400	12.41	23.58	16.48	16.48	16.95	12.82
108	Bhagavathi Spinners	C00009	2	0.225	0.450	11.99	21.00	16.14	16.25	16.61	12.21
109	Chenniappa Yarn Spinners Pvt. Ltd.,	C00010	2	0.850	1.700	12.54	21.89	16.75	16.86	17.23	12.76
110	Cheran Spinner Ltd.,	C00011	2	0.850	1.700	12.38	21.64	16.57	16.68	17.05	12.60
111	Chiranjilal Spinners Pvt. Ltd.,	C00012	1	0.850	0.850	11.57	20.35	15.65	15.76	16.11	11.79
112	Chiranjeevi Wind Energy Ltd.,	C00013	1	0.250	0.250	11.95	22.83	15.97	15.97	16.42	12.37
113	Chola Spinning Mills Pvt. Ltd.,	C00014	2	0.750	1.500	11.41	20.03	15.45	15.56	15.91	11.62
114	Concorde Agencies	C00015	1	0.600	0.600	12.70	24.15	16.83	16.83	17.30	13.12
115	Concorde Textiles	C00016	1	0.600	0.600	12.70	24.15	16.83	16.83	17.30	13.12
116	Doller Industries Ltd.,	C00017	1	1.500	1.500	11.20	19.69	15.19	15.30	15.66	11.40
117	Forknits	C00018	1	0.600	0.600	10.19	19.55	13.65	13.65	14.07	10.53

118	G.R. Natarajan & Co.,	C00019	1	0.600	0.600	12.45	23.71	16.54	16.54	17.00	12.87
119	Greenland Paper Mills Ltd.,	C00020	1	1.250	1.250	12.35	23.53	16.42	16.42	16.88	12.77
120	GVS Spinners Pvt. Ltd.,	C00021	1	0.750	0.750	11.18	19.67	15.16	15.27	15.63	11.38
121	Hariharan Spinners Ltd.,	C00022	1	0.850	0.850	11.71	20.54	15.82	15.93	16.28	11.93
122	Hindustan Hardwares	C00023	1	0.850	0.850	10.20	19.55	13.65	13.65	14.07	10.53
123	Hindustan Spinners "B" Unit	C00024	1	0.850	0.850	9.57	18.43	12.86	12.86	13.27	9.97
124	Hindustan Textiles	C00025	1	0.850	0.850	9.57	18.43	12.86	12.86	13.27	9.97
125	Iswari Spinning Mills,	C00026	1	0.600	0.600	12.15	21.29	16.32	16.43	16.79	12.37
126	Janaki Cotton Mills Ltd.,	C00027	1	0.600	0.600	11.62	20.22	15.65	15.76	16.11	11.83
127	Jayachandra Bearings India Pvt. Ltd.,	C00028	1	0.250	0.250	11.57	20.31	15.65	15.76	16.12	11.79
128	Jayavarma Textiles Pvt. Ltd.,	C00029	3	0.850	2.550	11.24	19.75	15.23	15.34	15.70	11.44
129	JRE Valves & Pumps Pvt. Ltd.,	C00030 (A)	1	0.250	0.250	12.43	21.74	16.64	16.75	17.12	12.65
	JRE Valves & Pumps Pvt. Ltd.,	C00030 (B)	1	0.750	0.750	11.14	19.47	15.09	15.20	15.54	11.35
130	JVS Export	C00031	1	1.250	1.250	7.46	14.41	10.10	10.10	10.67	7.79
131	K.A.S. Industries India Ltd.,	C00032	3	0.600	1.800	11.70	20.51	15.79	15.90	16.26	11.92
132	K.S.R. Textile Mills Pvt. Ltd.,	C00033 (A)	1	0.800	0.800	11.51	20.21	15.58	15.69	16.04	11.72
	K.S.R. Textile Mills Pvt. Ltd.,	C00033 (B)	1	0.250	0.250	11.79	20.66	15.90	16.01	16.37	12.00
133	Kandhan Knits	C00034	1	0.850	0.850	8.73	16.79	11.65	11.65	12.03	9.05
134	Karpagham Tex	C00035	1	0.600	0.600	10.00	19.18	13.39	13.39	13.80	10.35
135	Kayaar Exports Pvt. Ltd.,	C00036	2	1.000	2.000	12.40	23.59	16.46	16.46	16.93	12.82
136	Kesharinandan Knit Fabrics Pvt. Ltd.,	C00037	1	0.750	0.750	10.58	20.30	14.20	14.20	14.64	10.91
137	Kurinji Spinning Mills Pvt. Ltd.,	C00038	1	0.850	0.850	12.01	21.01	16.15	16.26	16.63	12.22
138	Kutti Spinners Pvt. Ltd.,	C00039	1	1.250	1.250	11.73	22.41	15.69	15.69	16.52	12.15
139	Lambodhara Textiles Ltd.,	C00040	1	1.250	1.250	12.14	21.24	16.29	16.40	17.04	12.36
140	Lax Blue Metals Pvt. Ltd.,	C00041	5	0.225	1.125	10.62	20.38	14.26	14.26	14.69	10.95
141	Lucky Yarn Tex India Ltd.,	C00042	10	0.250	2.500	11.14	19.59	15.12	15.22	15.58	11.34
142	M. Thiagarajan	C00043	1	0.750	0.750	11.31	21.69	15.21	15.21	15.66	11.72

143	Madras Hardtools Pvt. Ltd.,	C00044	1	0.250	0.250	9.41	18.11	12.63	12.63	13.03	9.77
144	Mothi Spinner Ltd.,	C00045 (A)	4	0.600	2.400	12.60	22.00	16.83	16.94	17.31	12.82
	Mothi Spinner Ltd.,	C00045 (B)	2	0.750	1.500	9.56	16.76	12.95	13.05	13.36	9.72
145	Murugan Textiles	C00046	2	0.850	1.700	9.94	17.50	13.44	13.54	13.87	10.09
146	Muthuraam Poly Spin	C00047	2	0.225	0.450	10.64	18.74	14.43	14.53	14.88	10.80
147	N. Chandran	C00048	1	0.850	0.850	10.12	19.39	13.55	13.55	13.97	10.45
148	N. Danissh Plaastics	C00049	1	0.600	0.600	12.29	21.52	16.48	16.59	16.96	12.51
149	N.Krishnasamy	C00050	4	0.250	1.000	12.25	23.35	16.30	16.30	16.76	12.67
150	Narasu's Spinning Mills	C00051	1	1.250	1.250	12.08	21.15	16.22	16.33	16.97	12.30
151	Neeraj Enterprises Pvt. Ltd.,	C00052	1	0.250	0.250	11.12	21.36	14.98	14.98	15.43	11.53
152	NKCM Spinners Pvt. Ltd.,	C00053	1	0.750	0.750	11.53	20.24	15.60	15.71	16.07	11.74
153	Novacom Digitronics Pvt. Ltd.,	C00054	2	0.250	0.500	12.11	23.06	16.15	16.15	16.60	12.51
154	NSP Tex	C00055	1	0.250	0.250	10.43	19.99	13.98	13.98	14.41	10.75
155	P.K. Ganeshwar	C00056	15	0.225	3.375	12.45	23.67	16.51	16.51	16.98	12.86
156	Pallava Textiles Ltd.,	C00057	1	1.650	1.650	12.49	21.82	16.70	16.81	17.18	12.71
157	PKPN Spinning Mills Pvt. Ltd.,	C00058	2	0.750	1.500	11.32	19.88	15.34	15.45	15.80	11.53
158	Pon Pure Chem Pvt. Ltd.,	C00059	1	0.850	0.850	8.02	15.51	10.77	10.77	11.10	8.37
159	Prabhu Textiles	C00060 (A)	1	0.225	0.225	11.96	20.93	16.10	16.21	16.57	12.17
	Prabhu Textiles	C00060 (B)	1	0.600	0.600	12.10	21.20	16.26	16.37	16.73	12.32
160	Prachidhi Spinners Pvt. Ltd.,	C00061	1	0.600	0.600	11.24	19.80	15.26	15.37	15.72	11.45
161	Precot Meridian Ltd.,	C00062	2	1.500	3.000	12.50	21.82	16.70	16.81	17.18	12.72
162	Rajashree Spintex Pvt. Ltd.,	C00063	1	0.850	0.850	12.25	21.44	16.43	16.54	16.90	12.47
163	Raju Spinning Mills Pvt. Ltd.,	C00064	1	1.500	1.500	11.36	19.95	15.39	15.50	15.85	11.57
164	Rasi G Energy Pvt. Ltd.,	C00065	3	1.500	4.500	12.04	21.09	16.18	16.29	16.65	12.26
165	Sakthi Murugan Agro Foods Ltd.,	C00066	2	0.250	0.500	11.75	22.44	15.72	15.72	16.18	12.15
166	Sakthi Murugan Roller Flour Mills Ltd.,	C00067	2	0.250	0.500	11.75	22.44	15.72	15.72	16.18	12.15
167	Santhi Processing Unit Pvt. Ltd.,	C00068	3	0.250	0.750	11.80	20.67	15.91	16.02	16.38	12.01

168	Sengunthur Mills Pvt. Ltd.,	C00069	1	1.250	1.250	11.97	20.97	16.09	16.20	16.84	12.18
169	Senthil Hatcheries	C00070	2	0.225	0.450	8.44	16.29	11.27	11.27	11.65	8.81
170	Senthil Nathan Spinning Mills Pvt. Ltd.,	C00071	1	0.800	0.800	11.47	20.15	15.53	15.64	16.00	11.68
171	Seyadu Beedi Company	C00072	3	0.850	2.550	11.76	20.59	15.86	15.96	16.32	11.97
172	Shri Manjulashmi Spinners	C00073	1	0.600	0.600	12.22	21.39	16.39	16.50	16.87	12.44
173	Shri Rohith Spinners Pvt. Ltd.,	C00074	1	0.600	0.600	12.45	21.77	16.66	16.77	17.14	12.67
174	SJLT Spinning Mills Pvt. Ltd.,	C00075	1	1.000	1.000	11.90	22.74	15.91	15.91	16.36	12.32
175	SMP Textiles Mills Pvt. Ltd.,	C00076	1	0.600	0.600	12.51	21.86	16.72	16.84	17.21	12.73
176	Sree Jagathguru Textiles Mills Pvt. Ltd.,	C00077	3	1.250	3.750	12.32	21.53	16.50	16.61	16.97	12.74
			2	1.500	3.000						
177	Sree Kailai Spinners Pvt. Ltd.,	C00078	2	0.225	0.450	11.96	20.93	16.10	16.21	16.57	12.17
178	Sri Balaji Spinning Mills	C00079	2	0.250	0.500	12.25	21.44	16.43	16.54	16.90	12.47
179	Sri Balaji Textiles	C00080	1	0.600	0.600	12.53	21.89	16.75	16.86	17.23	12.75
180	Sri Dhanalakshmi Sizing & Spinning Mill	C00081 (A)	5	0.600	3.000	12.01	22.90	16.01	16.01	16.47	12.43
	Sri Dhanalakshmi Sizing and Spinning Mill	C00081 (B)	5	0.600	3.000	10.42	19.99	14.01	14.01	14.44	10.75
181	Sri Dhanalakshmi Sizing and Spinning Mill	C00081(C)	1	1.500	1.500	8.19	15.70	10.99	10.99	11.34	8.49
182	Sri Jagannatha Spinners	C00082 (A)	1	0.600	0.600	11.84	20.74	15.96	16.07	16.43	12.05
	Sri Jagannatha Spinners	C00082 (B)	1	0.600	0.600	12.33	21.58	16.52	16.63	17.00	12.55
183	Sri Thangam Spinners India Pvt. Ltd.,	C00083	4	0.225	0.900	12.58	21.98	16.81	16.92	17.30	12.80
184	Sri V Balaji Spinning Mills India Pvt. Ltd.,	C00084	1	0.250	0.250	12.38	21.65	16.58	16.69	17.06	12.60
185	Sri Valliyarasi Yarns Pvt. Ltd.,	C00085	1	0.600	0.600	11.94	20.90	16.07	16.18	16.54	12.15
186	Sri Vela Smelters Pvt. Ltd.,	C00086	1	0.850	0.850	11.29	19.85	15.31	15.41	15.77	11.49
187	Sri Venkattalakshmi Textiles	C00087	1	0.225	0.225	11.43	21.90	15.35	15.35	15.80	11.84
188	Sri Vinayakha Spinning Mills Pvt. Ltd.,	C00088	1	0.600	0.600	11.89	20.83	16.02	16.13	16.49	12.11

189	Suriya Spinning Mills	C00089	1	0.250	0.250	12.49	21.84	16.71	16.82	17.19	12.71
190	Tex Tech Indo (India) Pvt. Ltd.,	C00090	1	0.600	0.600	11.93	20.89	16.07	16.18	16.54	12.15
191	Tirupur Cotton Company	C00091	1	0.250	0.250	9.78	18.80	13.12	13.12	13.53	10.16
192	TT Industries	C00092 (A)	1	1.250	1.250	9.31	17.93	12.52	12.52	13.24	9.68
	TT Industries	C00092 (B)	1	1.250	1.250	7.93	15.23	10.65	10.65	11.27	8.25
193	Veejay Syntex Pvt. Ltd.,	C00093	1	0.800	0.800	12.58	21.97	16.81	16.92	17.29	12.80
	Venus Textiles Service	C00094	3	0.850	2.550	8.69	16.73	11.63	11.63	12.01	9.01
194	Viking Knitters	C00095 (A)	3	0.850	2.550	8.63	16.61	11.54	11.54	11.92	8.95
	Viking Knitters	C00095 (B)	2	1.250	2.500	9.09	17.50	12.21	12.21	12.61	9.44
195	Viking Textiles Pvt. Ltd.,	C00096	5	0.850	4.250	8.63	16.61	11.54	11.54	11.92	8.95
196	VKSM Cotton Mills Ltd.,	C00097	1	0.850	0.850	11.85	20.76	15.97	16.08	16.44	12.06
197	VSM Weaves India Ltd.,	C00098	4	0.600	2.400	11.79	20.64	15.89	16.00	16.35	12.00
198	VXL Systems	C00099	2	0.800	1.600	9.56	18.40	12.85	12.85	13.26	9.95
199	Water World	C00100	1	0.250	0.250	9.41	18.11	12.63	12.63	13.03	9.77
200	Wild Wind Renewables	C00101	1	0.250	0.250	11.23	21.55	15.12	15.12	15.57	11.64
201	Yash Metal & Alloys	C00102	1	0.600	0.600	9.97	19.10	13.34	13.34	13.75	10.30
			396		236.050						

Appendix IV: Results – Benchmark

S.No	Name of the Company	Company code	No .of WTGs	Capacity of each WTG (in MW)	Total Capacity (in MW)	Risk free return	Market return	Beta	Benchmark return on Equity
1	A.P.A. Textiles India Pvt. Ltd.,	C0002	1	0.600	0.600	7.69%	19.37%	1.179	21.47%
2	AA Fashion Wear Pvt. Ltd.,	C0003	1	0.600	0.600	7.69%	19.37%	1.179	21.47%
3	Ambika Cotton mills Limited	C0005	8	1.500	12.000	7.69%	19.72%	1.179	21.88%
4	Angalakshmi Spinning Mill	C0006	2	0.600	1.200	7.69%	19.37%	1.179	21.47%
5	Annamalaiyar Spinners	C0007	1	0.600	0.600	7.69%	19.23%	1.179	21.29%
6	Arunachala Gounder Textile Mills Pvt. Ltd.,	C0012 (A)	1	0.850	0.850	7.69%	20.10%	1.179	22.32%
	Arunachala Gounder Textile Mills Pvt. Ltd.,	C0012 (B)	2	0.600	1.200	7.69%	19.37%	1.179	21.47%
7	Arun's Engineering Works	C0013	1	0.250	0.250	7.69%	20.10%	1.179	22.32%
8	B.M.M Paper Board (P) Ltd.,	C0014	1	0.850	0.850	7.69%	19.37%	1.179	21.47%
9	Bala Vimodhan Power Process Pvt. Ltd.,	C0015	1	0.225	0.225	7.69%	20.10%	1.179	22.32%
10	Balu Wind Power Pvt. Ltd.,	C0016	7	0.250	1.750	7.69%	19.23%	1.179	21.29%
11	BRN Jewellery	C0017	1	0.250	0.250	7.69%	19.37%	1.179	21.47%
12	BSM Wind Energy Pvt. Ltd.,	C0018	8	0.250	2.000	7.69%	19.23%	1.179	21.29%
13	C.M.B. Spinning Mills	C0021	1	0.600	0.600	7.69%	19.23%	1.179	21.29%
14	Chenduran Cotspin (India) Pvt. Ltd.,	C0022	2	0.850	1.700	7.69%	19.23%	1.179	21.29%
15	Chiranjeevi Wind Energy Ltd.,	C0024 (B)	3	0.250	0.750	7.69%	19.37%	1.179	21.47%
16	Chithiradevi	C0025	1	0.225	0.225	7.69%	19.23%	1.179	21.29%
17	Concorde Textiles	C0027(B)	1	0.600	0.600	8.12%	20.13%	1.179	22.28%
18	D.A.R. Paradise Retail Division	C0028	1	0.225	0.225	7.69%	19.72%	1.179	21.88%
19	Ever Mellow Energy (India) Pvt. Ltd.,	C0031	1	0.850	0.850	7.69%	19.23%	1.179	21.29%
20	Eveready Spinning Mills Pvt. Ltd.,	C0032 (B)	6	0.850	5.100	7.69%	19.72%	1.179	21.88%
21	Fab Colours	C0034	3	0.225	0.675	7.69%	19.22%	1.179	21.28%
22	Gene Apparels	C0035	2	0.225	0.450	7.69%	19.84%	1.179	22.01%
23	Gomuki Spinning Mills Pvt. Ltd.,	C0036	10	0.250	2.500	7.69%	20.10%	1.179	22.32%
24	Shiva Bharathi Syntex India Pvt. Ltd.,	C0038	1	0.250	0.250	7.69%	19.37%	1.179	21.47%

25	Hindustan Hardwares	C0039	1	0.800	0.800	7.69%	19.37%	1.179	21.47%
26	Hindustan Spinners	C0040	1	0.800	0.800	7.69%	19.37%	1.179	21.47%
27	Hindustan Textiles 'B' Unit	C0041	1	0.800	0.800	7.69%	19.37%	1.179	21.47%
28	Hotel Chandra Towers Ltd	C0042	2	0.250	0.500	7.69%	20.10%	1.179	22.32%
29	J.P.P. Mills Pvt. Ltd.,	C0043	2	0.850	1.700	7.69%	20.10%	1.179	22.32%
30	Jayanthi Textile Products Unit II	C0044 (B)	1	1.250	1.250	7.69%	19.84%	1.179	22.01%
31	K.A.S. Industries India Ltd.,	C0046	1	0.600	0.600	7.69%	19.84%	1.179	22.01%
32	K.A.S. Industries India Ltd.,	C0047	2	0.600	1.200	7.69%	19.84%	1.179	22.01%
33	K.S.R. Textile Mills Pvt. Ltd.,	C0048	1	0.800	0.800	7.69%	20.10%	1.179	22.32%
34	Karthi Rice Mill	C0050	1	0.225	0.225	7.69%	19.22%	1.179	21.28%
35	KPL Oil Mills Pvt. Ltd.,	C0051	1	0.250	0.250	7.69%	19.37%	1.179	21.47%
36	M.N. Easwaramurthi	C0053	2	0.225	0.450	7.69%	19.22%	1.179	21.28%
37	Mani Cotton Textiles	C0055	1	0.600	0.600	7.69%	19.37%	1.179	21.47%
38	Mani Spinning Mills Pvt. Ltd.,	C0056	4	0.850	3.400	7.69%	19.72%	1.179	21.88%
39	Marathal Spinners	C0057	1	0.600	0.600	7.69%	19.23%	1.179	21.29%
40	Marudhavel Industries Ltd.,	C0058	1	0.250	0.250	7.69%	19.23%	1.179	21.29%
41	Mefco Engineers Pvt. Ltd.,	C0059	6	0.250	1.500	7.69%	20.10%	1.179	22.32%
42	N Tex Apparel Pvt. Ltd.,	C0061	5	0.250	1.250	7.69%	19.37%	1.179	21.47%
43	P.A. Nanjappa Gounder	C0066	1	0.250	0.250	7.69%	19.37%	1.179	21.47%
44	P.K. Ganeshwar	C0067	9	0.225	2.025	7.69%	19.23%	1.179	21.29%
45	P.K.P.N. Spinning Mills Pvt. Ltd.,	C0068	1	1.650	1.650	7.69%	19.84%	1.179	22.01%
46	Pallipalayam Spinners Pvt. Ltd.,	C0071	3	0.600	1.800	7.69%	19.37%	1.179	21.47%
47	Pariyur Amman Logistics	C0072	2	0.225	0.450	7.69%	20.10%	1.179	22.32%
48	Pariyur Amman Spinning Mills Pvt. Ltd.,	C0073 (A)	1	0.225	0.225	7.69%	20.10%	1.179	22.32%
	Pariyur Amman Spinning Mills Pvt. Ltd.,	C0073 (B)	1	0.600	0.600	7.69%	19.37%	1.179	21.47%
49	Pramas Tea Industries	C0075	1	0.225	0.225	7.69%	19.23%	1.179	21.29%
50	Shristi Cotspinn (P) Ltd.,	C0076 (B)	1	0.800	0.800	7.69%	19.84%	1.179	22.01%
51	Premdurai Exports Pvt. Ltd.,	C0077	4	0.600	2.400	7.69%	19.23%	1.179	21.29%
52	R B Wovens Pvt. Ltd.,	C0078	2	0.800	1.600	7.69%	20.10%	1.179	22.32%
53	R. Padma Seenivasan	C0079	1	0.250	0.250	7.69%	19.23%	1.179	21.29%

54	R.G. Selvarathi Coolie Mill	C0080	1	0.225	0.225	7.69%	19.22%	1.179	21.28%
55	Raja Spinners	C0081	1	0.600	0.600	7.69%	19.23%	1.179	21.29%
56	Rajashree Spintex Pvt. Ltd.,	C0082	1	0.850	0.850	7.69%	19.23%	1.179	21.29%
57	Rasi G Energy Pvt. Ltd.,	C0084	1	1.500	1.500	7.69%	20.10%	1.179	22.32%
58	Ribas Fabs	C0085	1	0.250	0.250	7.69%	20.10%	1.179	22.32%
59	S. Velumani	C0087	1	0.250	0.250	7.69%	20.13%	1.179	22.36%
60	Sakthe Animal Feeds	C0089	1	0.250	0.250	7.69%	20.10%	1.179	22.32%
61	Sakthi Masala Pvt. Ltd.,	C0090	2	1.500	3.000	7.69%	20.13%	1.179	22.36%
62	Sakthi Murugan Roller Flour Mills Ltd.,	C0091	1	0.250	0.250	7.69%	19.23%	1.179	21.29%
63	Salona Cotspin Ltd.,	C0092 (B)	2	0.800	1.600	7.69%	19.22%	1.179	21.28%
64	Selvi Spinning Mill	C0096	1	0.800	0.800	7.69%	20.10%	1.179	22.32%
65	Senthil Hatcheries	C0097	2	0.225	0.450	7.69%	20.10%	1.179	22.32%
66	Shakthi Murugan Textiles	C0098	2	0.600	1.200	7.69%	19.37%	1.179	21.47%
67	Shiva Bharathi Syntex India Pvt. Ltd.,	C0099	2	0.225	0.450	7.69%	19.84%	1.179	22.01%
68	Shri Ramathal Spinners	C0100	1	0.600	0.600	7.69%	19.23%	1.179	21.29%
69	Shri Vaikunth Paper & Board (Pr) Ltd.,	C0101	1	0.850	0.850	7.69%	20.10%	1.179	22.32%
70	SNQS Internationals	C0103	1	0.600	0.600	7.69%	19.23%	1.179	21.29%
71	Speedline Spinners India Pvt. Ltd.,	C0105	1	0.800	0.800	7.69%	19.84%	1.179	22.01%
72	Sree Kailaii Spinners Pvt. Ltd.,	C0106	1	0.800	0.800	7.69%	20.10%	1.179	22.32%
73	Sri Balaji & Co.,	C0108	2	1.650	3.300	7.69%	20.10%	1.179	22.32%
74	Sri Dhanalakshmi Sizing & Spinning Mill	C0109 (A)	5	0.600	3.000	7.69%	19.23%	1.179	21.29%
75	Sri Iyyan Textile Mills Pvt. Ltd.,	C0110	1	0.850	0.850	7.69%	20.10%	1.179	22.32%
76	Sri Mahalakshmi Textiles	C0112	1	0.600	0.600	7.69%	19.23%	1.179	21.29%
77	Sri Manjulashmi Spinners	C0113	1	0.600	0.600	7.69%	19.23%	1.179	21.29%
78	Sri Navamani Wind Farms	C0114	2	0.250	0.500	7.69%	19.84%	1.179	22.01%
79	Sri Seethalakshmi Steel Castings Pvt. Ltd.,	C0115	1	0.850	0.850	7.69%	19.23%	1.179	21.29%
80	Sri Selvam Textiles	C0116 (A)	1	0.600	0.600	7.69%	19.37%	1.179	21.47%
	Sri Selvam Textiles	C0116 (B)	1	0.225	0.225	7.69%	20.10%	1.179	22.32%
81	Sri Siddivinayaka Cotton Corporation	C0117	1	1.650	1.650	7.69%	20.10%	1.179	22.32%
82	Sri Vigneswara Foundary	C0118	2	0.250	0.500	7.69%	19.84%	1.179	22.01%

83	Star Plastics	C0121	1	0.600	0.600	7.69%	19.84%	1.179	22.01%
84	Subam Papers Pvt. Ltd.,	C0122	2	0.850	1.700	7.69%	19.37%	1.179	21.47%
85	Sudharsan Exports	C0123	1	0.225	0.225	7.69%	20.10%	1.179	22.32%
86	Sun Industrial Automations & Solutions	C0125	1	0.600	0.600	8.12%	19.34%	1.179	21.35%
87	Suresh Textiles	C0126	1	0.250	0.250	7.69%	20.10%	1.179	22.32%
88	Sushrushah Medicare Centre Pvt. Ltd.,	C0127	1	0.250	0.250	7.69%	20.10%	1.179	22.32%
89	Swathi Hatcheries	C0128	1	0.250	0.250	7.69%	20.10%	1.179	22.32%
90	T.R. Venkatesan Chettiar & Sons Jewellers	C0130	1	0.250	0.250	7.69%	20.10%	1.179	22.32%
91	Tex Tech Industries (India) Pvt. Ltd.,	C0131	1	0.800	0.800	7.69%	19.84%	1.179	22.01%
92	Tirupur Thirukkumaran Textiles Pvt. Ltd.,	C0133	2	1.250	2.500	7.69%	19.72%	1.179	21.88%
93	Vetal Hi-Tech Industries	C0136	1	0.800	0.800	7.69%	20.10%	1.179	22.32%
94	Vetal Textiles & Electronics Pvt. Ltd.,	C0137	1	0.800	0.800	7.69%	20.10%	1.179	22.32%
95	Viking Textiles Pvt. Ltd.,	C0138	1	1.250	1.250	7.69%	20.10%	1.179	22.32%
96	VKSM Cotton Mills Ltd.,	C0139	1	0.800	0.800	7.69%	19.84%	1.179	22.01%
97	Wild Wind Renewables	C0141	1	0.250	0.250	7.69%	19.37%	1.179	21.47%
98	Yash Metal Resources Pvt. Ltd.,	C0142	1	0.600	0.600	8.12%	19.37%	1.179	21.39%
99	Yennarkay R. Selvarathnam	C0143	1	0.600	0.600	7.69%	20.10%	1.179	22.32%
100	Alagu Wind Mills	C00001	1	0.600	0.600	7.23%	19.77%	1.179	22.02%
101	Anand Textiles	C00002	2	0.850	1.700	7.23%	19.77%	1.179	22.02%
102	Anangoor Textile Mills Pvt. Ltd.,	C00003	1	0.850	0.850	7.23%	17.96%	1.179	19.89%
103	Angalakshmi Spinning Mill	C00004	1	0.600	0.600	7.69%	19.48%	1.179	21.59%
104	Annamalaiyar Spinners	C00005	1	0.600	0.600	7.69%	19.51%	1.179	21.63%
105	Arun Dye Chem	C00006	1	0.225	0.225	7.69%	19.75%	1.179	21.91%
106	Balu Exports	C00007	4	0.600	2.400	7.69%	19.50%	1.179	21.62%
107	Best Corporation Ltd.,	C00008 (A)	2	0.600	1.200	7.69%	19.50%	1.179	21.62%
	Best Corporation Ltd.,	C00008 (B)	4	0.600	2.400	7.23%	17.96%	1.179	19.89%
108	Bhagavathi Spinners	C00009	2	0.225	0.450	7.23%	18.50%	1.179	20.52%
109	Chenniappa Yarn Spinners Pvt. Ltd.,	C00010	2	0.850	1.700	7.23%	20.28%	1.179	22.62%
110	Cheran Spinner Ltd.,	C00011	2	0.850	1.700	7.69%	19.18%	1.179	21.24%

111	Chiranjilal Spinners Pvt. Ltd.,	C00012	1	0.850	0.850	7.69%	19.48%	1.179	21.59%
112	Chiranjeevi Wind Energy Ltd.,	C00013	1	0.250	0.250	7.69%	19.51%	1.179	21.63%
113	Chola Spinning Mills Pvt. Ltd.,	C00014	2	0.750	1.500	7.23%	19.77%	1.179	22.02%
114	Concorde Agencies	C00015	1	0.600	0.600	7.69%	19.48%	1.179	21.59%
115	Concorde Textiles	C00016	1	0.600	0.600	7.59%	19.48%	1.179	21.61%
116	Doller Industries Ltd.,	C00017	1	1.500	1.500	7.23%	19.77%	1.179	22.02%
117	Forknits	C00018	1	0.600	0.600	7.69%	19.50%	1.179	21.62%
118	G.R. Natarajan & Co.,	C00019	1	0.600	0.600	7.69%	19.48%	1.179	21.59%
119	Greenland Paper Mills Ltd.,	C00020	1	1.250	1.250	7.69%	19.48%	1.179	21.59%
120	GVS Spinners Pvt. Ltd.,	C00021	1	0.750	0.750	7.23%	18.64%	1.179	20.69%
121	Hariharan Spinners Ltd.,	C00022	1	0.850	0.850	7.23%	18.64%	1.179	20.69%
122	Hindustan Hardwares	C00023	1	0.850	0.850	7.69%	19.50%	1.179	21.62%
123	Hindustan Spinners "B" Unit	C00024	1	0.850	0.850	7.69%	19.50%	1.179	21.62%
124	Hindustan Textiles	C00025	1	0.850	0.850	7.69%	19.50%	1.179	21.62%
125	Iswari Spinning Mills,	C00026	1	0.600	0.600	7.23%	20.28%	1.179	22.62%
126	Janaki Cotton Mills Ltd.,	C00027	1	0.600	0.600	7.23%	18.00%	1.179	19.93%
127	Jayachandra Bearings India Pvt. Ltd.,	C00028	1	0.250	0.250	7.23%	17.96%	1.179	19.89%
128	Jayavarma Textiles Pvt. Ltd.,	C00029	3	0.850	2.550	7.23%	19.61%	1.179	21.83%
129	JRE Valves & Pumps Pvt. Ltd.,	C00030 (A)	1	0.250	0.250	7.69%	19.18%	1.179	21.24%
	JRE Valves & Pumps Pvt. Ltd.,	C00030 (B)	1	0.750	0.750	7.23%	18.49%	1.179	20.50%
130	JVS Export	C00031	1	1.250	1.250	7.23%	18.00%	1.179	19.93%
131	K.A.S. Industries India Ltd.,	C00032	3	0.600	1.800	7.23%	19.77%	1.179	22.02%
132	K.S.R. Textile Mills Pvt. Ltd.,	C00033 (A)	1	0.800	0.800	7.23%	17.96%	1.179	19.89%
	K.S.R. Textile Mills Pvt. Ltd.,	C00033 (B)	1	0.250	0.250	7.23%	17.96%	1.179	19.89%
133	Kandhan Knits	C00034	1	0.850	0.850	7.23%	19.77%	1.179	22.02%
134	Karpagham Tex	C00035	1	0.600	0.600	7.69%	19.18%	1.179	21.24%
135	Kayaar Exports Pvt. Ltd.,	C00036	2	1.000	2.000	7.69%	20.28%	1.179	22.53%
136	Kesharinandan Knit Fabrics Pvt. Ltd.,	C00037	1	0.750	0.750	7.69%	19.51%	1.179	21.63%
137	Kurinji Spinning Mills Pvt. Ltd.,	C00038	1	0.850	0.850	7.23%	18.50%	1.179	20.52%
138	Kutti Spinners Pvt. Ltd.,	C00039	1	1.250	1.250	7.69%	19.51%	1.179	21.63%

139	Lambodhara Textiles Ltd.,	C00040	1	1.250	1.250	7.69%	19.51%	1.179	21.63%
140	Lax Blue Metals Pvt. Ltd.,	C00041	5	0.225	1.125	7.69%	19.48%	1.179	21.59%
141	Lucky Yarn Tex India Ltd.,	C00042	10	0.250	2.500	7.23%	18.50%	1.179	20.52%
142	M. Thiagarajan	C00043	1	0.750	0.750	7.69%	19.48%	1.179	21.59%
143	Madras Hardtools Pvt. Ltd.,	C00044	1	0.250	0.250	7.69%	19.75%	1.179	21.91%
144	Mothi Spinner Ltd.,	C00045 (A)	4	0.600	2.400	7.69%	19.48%	1.179	21.59%
	Mothi Spinner Ltd.,	C00045 (B)	2	0.750	1.500	7.23%	16.66%	1.179	18.35%
145	Murugan Textiles	C00046	2	0.850	1.700	7.23%	18.50%	1.179	20.52%
146	Muthuraam Poly Spin	C00047	2	0.225	0.450	7.23%	18.50%	1.179	20.52%
147	N. Chandran	C00048	1	0.850	0.850	7.23%	19.77%	1.179	22.02%
148	N. Danissh Plaastics	C00049	1	0.600	0.600	7.69%	19.48%	1.179	21.59%
149	N.Krishnasamy	C00050	4	0.250	1.000	7.69%	19.50%	1.179	21.62%
150	Narasu's Spinning Mills	C00051	1	1.250	1.250	7.23%	20.28%	1.179	22.62%
151	Neeraj Enterprises Pvt. Ltd.,	C00052	1	0.250	0.250	7.69%	19.50%	1.179	21.62%
152	NKCM Spinners Pvt. Ltd.,	C00053	1	0.750	0.750	7.23%	19.77%	1.179	22.02%
153	Novacom Digitronics Pvt. Ltd.,	C00054	2	0.250	0.500	7.23%	18.50%	1.179	20.52%
154	NSP Tex	C00055	1	0.250	0.250	7.23%	19.77%	1.179	22.02%
155	P.K. Ganeshwar	C00056	15	0.225	3.375	7.69%	19.18%	1.179	21.24%
156	Pallava Textiles Ltd.,	C00057	1	1.650	1.650	7.69%	19.18%	1.179	21.24%
157	PKPN Spinning Mills Pvt. Ltd.,	C00058	2	0.750	1.500	7.23%	18.40%	1.179	20.41%
158	Pon Pure Chem Pvt. Ltd.,	C00059	1	0.850	0.850	7.23%	18.40%	1.179	20.41%
159	Prabhu Textiles	C00060 (A)	1	0.225	0.225	7.23%	18.40%	1.179	20.41%
	Prabhu Textiles	C00060 (B)	1	0.600	0.600	7.69%	19.50%	1.179	21.62%
160	Prachidhi Spinners Pvt. Ltd.,	C00061	1	0.600	0.600	7.69%	19.51%	1.179	21.63%
161	Precot Meridian Ltd.,	C00062	2	1.500	3.000	7.69%	19.18%	1.179	21.24%
162	Rajashree Spintex Pvt. Ltd.,	C00063	1	0.850	0.850	7.23%	20.28%	1.179	22.62%
163	Raju Spinning Mills Pvt. Ltd.,	C00064	1	1.500	1.500	7.23%	20.19%	1.179	22.51%
164	Rasi G Energy Pvt. Ltd.,	C00065	3	1.500	4.500	7.69%	19.50%	1.179	21.62%
165	Sakthi Murugan Agro Foods Ltd.,	C00066	2	0.250	0.500	7.23%	19.77%	1.179	22.02%
166	Sakthi Murugan Roller Flour Mills Ltd.,	C00067	2	0.250	0.500	7.23%	19.77%	1.179	22.02%

167	Santhi Processing Unit Pvt. Ltd.,	C00068	3	0.250	0.750	7.23%	17.96%	1.179	19.89%
168	Sengunthur Mills Pvt. Ltd.,	C00069	1	1.250	1.250	7.69%	19.51%	1.179	21.63%
169	Senthil Hatcheries	C00070	2	0.225	0.450	7.69%	19.18%	1.179	21.24%
170	Senthil Nathan Spinning Mills Pvt. Ltd.,	C00071	1	0.800	0.800	7.23%	20.19%	1.179	22.51%
171	Seyadu Beedi Company	C00072	3	0.850	2.550	7.23%	18.64%	1.179	20.69%
172	Shri Manjulashmi Spinners	C00073	1	0.600	0.600	7.69%	19.51%	1.179	21.63%
173	Shri Rohith Spinners Pvt. Ltd.,	C00074	1	0.600	0.600	7.69%	19.48%	1.179	21.59%
174	SJLT Spinning Mills Pvt. Ltd.,	C00075	1	1.000	1.000	7.69%	20.28%	1.179	22.53%
175	SMP Textiles Mills Pvt. Ltd.,	C00076	1	0.600	0.600	7.69%	19.48%	1.179	21.59%
176	Sree Jagathguru Textiles Mills Pvt. Ltd.,	C00077	3	1.250	3.750	7.69%	19.51%	1.179	21.63%
			2	1.500	3.000	7.69%	19.51%	1.179	21.63%
177	Sree Kailai Spinners Pvt. Ltd.,	C00078	2	0.225	0.450	7.23%	19.77%	1.179	22.02%
178	Sri Balaji Spinning Mills	C00079	2	0.250	0.500	7.69%	20.28%	1.179	22.53%
179	Sri Balaji Textiles	C00080	1	0.600	0.600	7.69%	19.48%	1.179	21.59%
180	Sri Dhanalakshmi Sizing & Spinning Mill	C00081 (A)	5	0.600	3.000	7.69%	19.75%	1.179	21.91%
	Sri Dhanalakshmi Sizing and Spinning Mill	C00081 (B)	5	0.600	3.000	7.23%	19.77%	1.179	22.02%
181	Sri Dhanalakshmi Sizing and Spinning Mill	C00081(C)	1	1.500	1.500	7.23%	17.66%	1.179	19.53%
182	Sri Jagannatha Spinners	C00082 (A)	1	0.600	0.600	7.23%	17.96%	1.179	19.89%
	Sri Jagannatha Spinners	C00082 (B)	1	0.600	0.600	7.69%	19.18%	1.179	21.24%
183	Sri Thangam Spinners India Pvt. Ltd.,	C00083	4	0.225	0.900	7.69%	19.48%	1.179	21.59%
184	Sri V Balaji Spinning Mills India Pvt. Ltd.,	C00084	1	0.250	0.250	7.69%	20.28%	1.179	22.53%
185	Sri Valliyarasi Yarns Pvt. Ltd.,	C00085	1	0.600	0.600	7.23%	17.96%	1.179	19.89%
186	Sri Vela Smelters Pvt. Ltd.,	C00086	1	0.850	0.850	7.23%	18.50%	1.179	20.52%
187	Sri Venkattalakshmi Textiles	C00087	1	0.225	0.225	7.69%	19.48%	1.179	21.59%
188	Sri Vinayakha Spinning Mills Pvt. Ltd.,	C00088	1	0.600	0.600	7.23%	20.19%	1.179	22.51%
189	Suriya Spinning Mills	C00089	1	0.250	0.250	7.69%	20.28%	1.179	22.53%
190	Tex Tech Indo (India) Pvt. Ltd.,	C00090	1	0.600	0.600	7.23%	17.96%	1.179	19.89%
191	Tirupur Cotton Company	C00091	1	0.250	0.250	7.69%	19.75%	1.179	21.91%
192	TT Industries	C00092 (A)	1	1.250	1.250	7.69%	19.51%	1.179	21.63%
	TT Industries	C00092 (B)	1	1.250	1.250	7.23%	16.66%	1.179	18.35%

193	Veejay Syntex Pvt. Ltd.,	C00093	1	0.800	0.800	7.23%	19.18%	1.179	21.32%
	Venus Textiles Service	C00094	3	0.850	2.550	7.23%	19.61%	1.179	21.83%
194	Viking Knitters	C00095 (A)	3	0.850	2.550	7.23%	19.61%	1.179	21.83%
	Viking Knitters	C00095 (B)	2	1.250	2.500	7.23%	18.64%	1.179	20.69%
195	Viking Textiles Pvt. Ltd.,	C00096	5	0.850	4.250	7.23%	19.77%	1.179	22.02%
196	VKSM Cotton Mills Ltd.,	C00097	1	0.850	0.850	7.23%	19.61%	1.179	21.83%
197	VSM Weaves India Ltd.,	C00098	4	0.600	2.400	7.23%	19.77%	1.179	22.02%
198	VXL Systems	C00099	2	0.800	1.600	7.69%	19.50%	1.179	21.62%
199	Water World	C00100	1	0.250	0.250	7.69%	19.75%	1.179	21.91%
200	Wild Wind Renewables	C00101	1	0.250	0.250	7.69%	19.18%	1.179	21.24%
201	Yash Metal & Alloys	C00102	1	0.600	0.600	7.23%	19.61%	1.179	21.83%

Appendix 5 – Table 1: Requirements Checklist

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
1 General Requirements					
Have the project proponents applied an approved VCS Program methodology or a methodology from an approved GHG Program based on the list of current VCS Program approved GHG Programs and methodologies as set out on www.v-c-s.org ?	3.1	DR	Yes, the project has applied an approved methodology from an approved GHG Program based on the list of current VCS Program approved GHG Programs and methodologies. The project has applied an approved CDM methodology, ACM 002. Version 12.2.0.		
		SV	The project has applied an approved CDM methodology ACM version 12.2.0.	OK	OK
2 Multiple project activities					
Does the project include multiple activities?	3.2	DR	Yes, the project includes multiple WTGs. There are 396 WTGs are included in the project. To be checked during onsite visit.		
		SV	The validation team based on onsite observation has confirmed the same.	OK	OK
3 Grouped projects					
Is this a grouped project?	3.4	DR	This is a grouped project.		
		SV	Site observation also confirmed that The project activity consists of 396 WTGs.	OK	OK
4 Methodology deviations and revisions					
Is any methodology deviations described and justified?	3.5	DR	No deviation is observed. To be checked during onsite.		
		SV	There is no deviation is observed.	OK	OK

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
5 Project start date					
Is the project start date correctly specified in the PD as per VCS Version 3?	3.7	DR	Yes, the start date of the project is correctly specified in the PD. To be checked by reviewing the commissioning certificates.		
		SV	By reviewing the commissioning certificates, the validation team has confirmed that start date of the project is correctly specified in the PD.	OK	OK
6 Project crediting period					
Is the crediting period correctly specified in the PD as VCS version 3	3.8	DR	Start date of the crediting period correctly matches the first commissioning of the project hence correct. To be checked by reviewing the commissioning certificates.		
		SV	By reviewing the commissioning certificates, the validation team has confirmed that start date of the crediting period is correctly specified in the PD.	OK	OK
7 Project description					
Is the template used for PD considers the requirements specified in the VCS 2007.1	3.10	DR	Yes. The template used has all the required information.		
		SV	The template used has all the required information	OK	OK

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
Is there a summary description of the project given?	3.10	DR	PP does specify nature of grid connection to be checked during onsite.		
		SV	Evidence to support that the entire members involved in TASMA-V2 project are members of TASMA. Name change documents (if any) of the companies involved in the TASMA-V2 bundle. Complete set of requested documents are not submitted for validation.	~~CAR 1~~	OK
		SV	Any of the WTG's/PP's rejected from the earlier TASMA bundled project activity are included in the TASMA V2 bundled project activity. If so, kindly explain the reason for rejection from TASMA bundled project activity and acceptance in TASMA V2 bundled project activity. The procedures followed by TASMA to include individual WTG's under TASMA bundle and provide the supporting documents.	~~CL 1~~	OK
		SV	In section 1.1 of the PD, it is mentioned that "The Wind mill investors have aimed either to wheel the generated power to its own facility to meet out its captive electricity demand or selling it to the State Electricity Utility".	~~CL 2~~	OK
		SV	Are there any investors in this bundle activity whose WTG's were included in the previous registered bundled project activities and/or in the	~~CL 3~~	OK

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
			new bundled project activities in validation process and/or under bundling process. Clarify and give reason		
		SV	The total no of WTG provided in the section 1.1 of description of the project activity and section 2.3 of project boundary is not consistent.	CL-4	OK
Is the sectoral scope and project type of the project given?	3.10	DR	The given sectoral scope and project type of the project are correct, Sectoral scope: 1 – energy industries (renewable sources).		
		SV	It is accepted by the validation team as the project is a wind energy project.	OK	OK
Is the project location and geographical boundaries indicated?	3.10	DR	It is provided in the PD. To be checked during onsite visit.		
		SV	It has been verified and confirmed at site that the project is not a grouped project.	OK	OK
Does the condition (exist) prior to project initiation described?	3.10	DR	The proposed project activity is a greenfield project and there is no activity undertaken prevailing prior to the project implementation,		
		SV	It is conformed that the proposed project activity is a greenfield project and there is no activity undertaken prevailing prior to the project implementation	OK	OK
Does PD describe how the project will achieve GHG emission reductions and/or removal enhancements?	3.10	DR	PD describes that wind project does not emit any emissions.		
		SV	It is also verified during onsite.	OK	OK

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
Is the contact information and roles/responsibilities for the project proponents given?	3.10	DR	The roles and responsibilities are described in the PD. To be checked during onsite with PD		
		SV	It is provided in the PD and that matches with the onsite observation.	OK	OK
Is the contact information and roles/responsibilities for any other entities involved in the development of the project given?	3.10	DR	The roles and responsibilities are described in the PD. To be checked during onsite with PD		
		SV	It is provided in the PD and that matches with the onsite observation.	OK	OK
Is the project start date specifying the day, month and year given?	3.10	DR	The project start date is correctly mentioned in the PDD. It is the first WTG that was commissioned among the WTGs.		
		SV	The validation team has verified the commissioning certificates and confirmed the start date.	OK	OK
Is the project crediting period specifying the day, month and year for the start and end dates and the total number of years given?	3.10	DR	The project start date of crediting period is correctly mentioned in the PDD. It is the first WTG that was commissioned among the WTGs.		
		SV	The validation team has verified the commissioning certificates and confirmed the start date.	OK	OK
Is the scale of the project (project or mega) and the estimated annual GHG emission reductions or removals for the project crediting period given?	3.10	DR	It is agreed that the scale of the project is 'project'. The estimated annual GHG emission reductions is mentioned in the PD.		
		SV	Onsite assessment confirmed the same.	OK	OK

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
Is a description of the project activity, including the technologies or measures employed and how emission reductions/removals are achieved given?	3.10	DR	The description of the project activity is mentioned in the PD. To discuss further at site.		
		SV	Details of the technologies and measures employed in the project activity provided in the PD are confirmed ok.	OK	OK
Is the lifetime of the project activity indicated?	3.10	DR	The lifetime of the project activity is given as 20 years. Please provide supporting evident. To discuss further at site.		
		SV	The lifetime of the project activity is given as 20 years. Please provide supporting evident.	OK	OK
Is it demonstrated that the project has not been implemented to generate GHG emissions for the purpose of their subsequent reduction?	3.10	DR	It is agreed that the project has not been implemented for the purpose of the subsequent reductions. But evidence was not provided. To be discussed during onsite.		
		SV	It has to be ensured that double counting of the emission reductions does not take place throughout the VCS crediting period as the PP may propose for CDM also. Undertaking letter effecting the same submitted.	OK	OK
Is it identified and demonstrated the compliance of the project with all relevant local, regional and national laws, statutes and regulatory frameworks?	3.10	DR	The project is in compliance with all relevant local, regional and national laws, statutes and regulatory frameworks. The project proponent needs to provide copies of approval received from the relevant authorities. <i>To be verified further at site.</i>		
		SV	It has been verified during the site visit that the		

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
			project is in compliance with all relevant local, regional and national laws, statutes and regulatory frameworks. The project proponent needs to provide copies of approval received from the relevant authorities.	OK	OK
8 Ownership					
Are the evidence of the right of use provided?	3.11	DR	The project proponent needs to provide evident on the 'right of use' with respect to the relevant GHG reductions or removals. <i>To discuss further at site.</i>		
		SV	The project proponent needs to provide evident on the 'right of use' with respect to the relevant GHG reductions or removals.	OK	OK
Is it demonstrated that the net reductions or removals will not be used for compliance with emission trading program or meet binding limits on GHG emissions?	3.11	DR	The net reductions or removals will not be used for compliance with emission trading program or meet binding limits on GHG emissions.		
		SV	It has been verified that the net reductions or removals will not be used for compliance with emission trading program or meet binding limits on GHG emissions. But undertaking letter was not provided	OK	OK
Is it indicated whether the project has been registered, or is seeking registration under any other GHG program? If yes, provide registration number and details.	3.11	DR	The project has not been registered, or is seeking registration under any other GHG program.		
		SV	It has been verified that has not been registered, or is seeking registration under any other GHG program. But undertaking letter was not	OK	OK

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
			provided.		
Is it demonstrated that the project neither has nor intends to generate any other form of GHG-related environmental credit for GHG emission reductions or removals claimed under the VCS Program, or that any such credit has been or will be cancelled from the relevant program?	3.11	DR	The project neither has nor intends to generate any other form of GHG-related environmental credit for GHG emission reductions or removals.		
		SV	It has been verified that the project eligible for to generate emission reductions under CDM. But undertaking letter was not provided.	OK	OK
Is it indicated whether the project has been rejected by any other GHG programs? If yes, provide the relevant information.	3.11	DR	The project has not been rejected by any other GHG programs.		
		SV	It has been verified that the project has not been rejected by any other GHG programs. But undertaking letter was not provided.	OK	OK
Is it indicated whether any commercially sensitive information has been excluded from the public version of project description? If yes, briefly describe the items to which such information pertains.	3.11	DR	No. The information provided are not commercially sensitive in nature.		
		SV	The information provided are not commercially sensitive in nature.	OK	OK
Is any additional relevant legislative, technical, economic, sectoral, social, environmental, geographical, site-specific and/or temporal information that may have a bearing on the eligibility of the project, the net GHG emission reductions or removals, or the quantification of the project's net GHG emission reductions or removals included?	3.11	DR	Relevant information for the quantification of the project's net GHG emission reductions or removals has been included.		
		SV	Onsite observation confirms the same.	OK	OK
9 Project boundary					
Is the project boundary defined?	3.12	DR	The project boundary is clearly defined in the PD. To be checked during onsite.		

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
		SV	The onsite observation shows that project boundary as defined in the PD is correct.	OK	OK
10 Determining the baseline scenario					
Is the relevant GHG sources, sinks and reservoirs for the project and baseline scenarios (including leakage, if applicable) identified?	3.13	DR	PD describes the GHG sources, sinks, reservoirs etc.		
		SV	Onsite observation confirms the same.	OK	OK
Is the baseline scenario identified and justified?	3.13	DR	The applied methodology predefines the baseline.		
		SV	Why other realistic and credible alternative scenarios to the proposed VCS project activity scenario that deliver outputs services with comparable quality are not identified.	CL-5	OK
Is the additionality of the project undertaken in accordance with the applied methodology demonstrated and assessed?	3.13	DR	The additionality is undertaken as per the methodology.		
		SV	The onsite observation also conforms the same.	OK	OK
11 Additionality					
Has the PDD describe how the proposed CDM project activity is additional?	3.14	DR	Yes. The project activity uses investment barrier to demonstrate additionality. The financial indicator is less than the benchmark.		
		SV	Yes. The financial indicator is less than the benchmark.	OK	OK

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
Has the PP provide reliable, credible data, rationales, assumptions, justifications and documentation in the PDD to support the demonstration of additionality?	3.14	DR	To be assessed during onsite.	OK	OK
		SV	Please clarify; PP to submit the calculation of the equity IRR in line with "Guidance on the assessment of investment analysis", para 10, considering total investment (including equity investment and bank loan) were considered in the IRR calculation of the project activity. The evidence for the project cost for each of the WTG's may be provided for verification. The PP is also requested to demonstrate that all the parameters are applicable as on the date of investment decision for each of the project owners. The values used for IRR and Benchmark calculations are not provided with reference in the PD. The appropriateness of applying 5% wheeling charges and for not considering banking charges to calculate the electricity generation, given that the electricity generation in the emission reduction calculation does not consider such charges.	CL-6	OK
		SV	Please clarify, Electricity duty has not been taken for captive	CL-7	OK

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
			power plant tariff workings. It is observed that the depreciation has been calculated including land cost. Kindly clarify. It is observed that tax shield has been calculated wrongly. It should be calculated only on “Taxable Income from Energy Business” in row no. 36 of Income tax calculation portion. Kindly clarify. Pl. refer IREDA document, Loan processing charges 1% should be applicable for more than 5 Crs and 0.50% for less than 5 Crs. The Income tax rates should be taken as on the date of Investment decision. It is observed that the Income tax rate and MAT rate adopted is not applicable as on the date of investment decision. ISSUES COMMON FOR ALL WTGS – The PP may provide suitable evidences in the form of offer letters for verification of Cost of the project. The Power purchase agreement to substantiate the project cost and electricity tariff The PP to justify how the source of all input		

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
			values used in the financial analysis meet the requirement of paragraph 6 of EB's latest guidance on investment analysis. This may be done by adding a column in the assumption sheet stating clearly the source of each assumption considered for financial analysis. The applicable PLF has to be in line with the guidelines of EB 48. The loan paper submitted to the Bank / Financial Institutions / other recommended evidences to authenticate the PLF for all the cases may be submitted to us for verification. Please furnish certified copy of the Board resolution to vouch the exact date of investment decision. The PP is requested to demonstrate how the debt equity ratio adopted is in line with EB guidance 62. Normally the first year O&M charges are borne by the machinery manufacturers. Here, O&M charges assumed for the first year also.		
		SV	PP to mention the values and sources of the assumptions for the investment analysis in the PD and provide documentary evidences to substantiate the same.	~~CL-8~~	OK

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
		SV	PP to confirm whether there is any ODA involved in the project and submit documents to support the D/E component and 100% equity for validation.	~~CL-9~~	OK
		SV	Why, no information has been provided regarding previous investments made by the PP and the considerations applied in those cases.	~~CL-10~~	OK
		SV	Why the list of projects is limited only to CDM/VCS projects and non-CDM/VCS projects have not been considered for common practise analysis?	~~CL-11~~	OK
12 Monitoring the GHG project					
Is the monitoring plan described?	3.16	DR	To be checked during onsite visit.		
		SV	Onsite observation confirms the same.	OK	OK
Is the organizational structure, responsibilities and competencies identified?	3.16	DR	The organizational structure, responsibilities and competencies identified in the PD. To be confirmed during onsite.		
		SV	Onsite observation confirms the same.	OK	OK
Are the methods for generating, recording, storing, aggregating, collating and reporting data on monitored parameters described?	3.16	DR	The method for generating, recording, storing, aggregating, collating and reporting data on monitored parameters described in the PD. To be checked during onsite.		

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
		SV	Specify the measurement methods and procedures, including a specification which accepted industry standards or national or international standards will be applied, which measurement equipment is used, how the measurement is undertaken, which calibration procedures are applied, what is the accuracy of the measurement method, who is the responsible person/entity that should undertake the measurements and what is the measurement interval (Refer CDM PDD guidelines).	~~CAR-2~~	OK
		SV	It is not evident from the PD that review of the reported results/data is done before data is submitted for verification, internally or externally (eg. Performance report).	~~CAR-3~~	OK
		SV	It is not evident from section 4.3 of the PD that “the net power export/wheeled is monitored separately for each investor in the bundle”. But during on-site it was observed that “the net power export/wheeled is monitored separately for each investor”.	~~CL-12~~	OK
		SV	Procedures for possible monitoring data adjustments and uncertainties are not clear from section 4.3 of the PDD.	~~CL-13~~	OK
		SV	How apportioning of CERs would be done for all the individual project participants based on the monitored readings.	~~CL-14~~	OK

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
		SV	The PD does not describe the process for possible data adjustments & emergency preparedness. And also it is not clear from the PD what the back-up data recording processes are when main meter which is placed at EB yard fails.	~~CL-15~~	OK
		SV	CEA guidelines 2006, mentions a calibration frequency of 5 years for the meters while the latest EPA and Wheeling agreement from TNEB, refers the accuracy testing based on the CEA guidelines (2006). Clarify whether accuracy testing and calibration refer to the same.	~~CL-16~~	OK
		SV	In section 4.3, of the PD there is no mention of emergency preparedness for cases where emergencies can cause unintended emissions.	~~CL-17~~	OK
Are procedures for handling internal auditing and non-conformities described?	3.16	DR	The procedures for handling internal auditing and non-conformities described in the PD.		
		SV	Onsite observation confirms the same.	OK	OK
13 Methodologies					
Is the title, reference and version number of the methodology or methodologies applied to the project provided?	3.17	DR	The CDM approved methodology is applied in the project activity. Methodology ACM 002 (version 12.2.0) is correctly quoted.		
		SV	Onsite observation confirms the same.	OK	OK
Is it demonstrated and justified that the project activity meets the applicability conditions of the methodology applied to the project?	3.17	DR	All applicable conditions are justified in the PD. To be checked during onsite.		

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
		SV	The applicability conditions of the selected methodology (ACM 002) are sufficiently satisfied in the PD.	OK	OK
14 Monitoring, quantification and emission reductions					
Is the procedure for quantification of the baseline emissions and/or removals described? Are all relevant equations included?	3.18	DR	The quantification of the baseline emissions is based on ACM 002 It is correctly applied. To be checked during onsite.		
		SV	Justification for considering EGpJ,y instead of EGfacility,y is not provided.	~~CAR-4~~	OK
		SV	In many sections of the PD it has been mentioned as CER revenues.	~~CL-18~~	OK
		SV	An estimate of 308,280 tCO _{2e} / year is shown as emission reductions from the project activity; PP shall furnish the EG _y readings of all the WTG's.	~~CL-19~~	OK
		SV	Please clarify whether the variable data EGpJy is Electricity generated (described in Section 3.1) or Electricity supplied by the project activity to the grid (as described in 4.2).	~~CL-20~~	OK
Is the procedure for quantification of the project emissions and/or removals described? Are all relevant equations included?	3.18	DR	Project emissions is considered zero for wind project which is as per the applied methodology		
		SV	The onsite assessment confirms the same.	OK	OK

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
Is the procedure for quantification of the leakage emissions and/or removals described? Are all relevant equations included?	3.18	DR	Leakage emissions is considered zero for wind project which is as per the applied methodology		
		SV	The onsite assessment confirms the same.	OK	OK
Is the procedure for quantification of net GHG emission reductions and removals described? Are all relevant equations included?	3.18	DR	The procedure for quantification of net GHG emission reductions and removals is accordance to ACM 002.		
		SV	The onsite assessment confirms the same.	OK	OK
Is the ex-ante (estimated) calculation of baseline emissions/removals, project emissions/removals, leakage emissions and net emission reductions and removals provided?	3.18	DR	To be further verified at site.		
		SV	The estimated calculation of baseline and project emissions/removals, leakage emissions and net emission reductions are provided.	OK	OK
Are all data and parameters available at validation described using the table?	3.18	DR	To be discussed further at site.		
		SV	Grid emission factor is calculated as per CEA data which is in line with the "Tool for emission factor for the electricity system."	OK	OK
Are all data and parameters monitored subsequent to validation described using the table?	3.18	DR	<i>To discuss further at site.</i>		
		SV	Data and parameters monitored subsequent to validation are Net quantity of electricity delivered to the grid, EGy	OK	OK

CHECKLIST QUESTION	VCS Version 3	MoV*	COMMENTS	Draft Concl.	Final Concl.
Are any environmental impact assessments carried out with respect to the project, where applicable, summarized?	3.18	DR	Environmental impact assessments are not required for the project activity.		
		SV	Environmental impact assessments are not required for the project activity. All the necessary approvals are received by the project activity.	OK	OK
Are relevant outcomes from stakeholder consultations and mechanisms for on-going communication summarized?	3.18	DR	To be checked during onsite.		
		SV	There are no comments from the local stakeholder's consultation. But Please clarify with regard to local Stake holders consultation process How was the stake-holders identified? When was the Public notice given/published? Was the Questionnaire circulated among the local Stakeholders to get their opinion/feedback on the project is in English or local/regional language (i.e. Tamil) language and Submit the survey questionnaire for validation	~~CL-21~~	OK

Table 2: Resolution of Corrective Action and Clarification Requests

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
CAR 1 Evidence to support that the entire members involved in TASMA-V2 project are members of TASMA.	Section 7/ Section 2.5 of PD	The evidence to support that the entire members involved in TASMA-V2 project are members of TASMA is the Annual Report of TASMA. The same is submitted to DOE. (Folder Name: "18_Annual Report")	The annual report is the evidence to support that the entire members involved in TASMA-V2 projects have been checked and found correct.
Name change documents (if any) of the companies involved in the TASMA-V2 bundle	Section 7/ Section 2.5 of PD	All the name change documents are submitted to DOE. (Folder Name: "19_Name Change Document")	The name change documents are submitted.
Complete set of requested documents are not submitted for validation.	Section 7/ Section 2.5 of PD	Complete set of requested documents are now submitted to DOE	The requested documents have been submitted to DOE for verification. Conclusion: CAR 1 Closed
CAR 2 Specify the measurement methods and procedures, including a specification which accepted industry standards or national or international standards will be applied, which measurement equipment is used, how the measurement is undertaken, which calibration procedures are applied, what is the accuracy of the measurement method, who is the	Section 12/ Section 4.1 of PD	The information on measuring Equipments, measurement methods, Calibration details and responsible entity for measurement is mentioned in the revised PD.	The details of measurement methods and procedures included in the revised PD. The calibration is also carried out by TNEB/TANGEDCO as per TNERC/CEA Norms the same been included and currently the energy meter accuracy class is 0.5s. Conclusion:

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
responsible person/entity that should undertake the measurements and what is the measurement interval (Refer CDM PDD guidelines).			CAR 2 Closed.
CAR 3 It is not evident from the PD that review of the reported results/data is done before data is submitted for verification, internally or externally (eg. Performance report).	Section 12/ Section 4.1 of PD	The statement is further elaborated in the revised PD.	It is now evident from the revised PD that review of the reported results/data is done before data is submitted for verification, internally or externally (eg. Performance report). Hence this CAR is closed. Conclusion: CAR 3 Closed
CAR 4 However; Justify for considering $EG_{PJ,y}$ instead of $EG_{facility,y}$	Section 14/ Section 3.1 of PD	As per methodology ACM 00002, $EG_{PJ,y} = EG_{facility,y}$ for the project activity which is demonstrated in the PD.	As per the methodology ACM 0002, the justification provided for $EG_{PJ,y} = EG_{facility,y}$ is correct and accepted. Conclusion: CAR 4 Closed
CL 1 Please clarify; Any of the WTG's/PP's rejected from the earlier TASMA bundled project activity are included in the TASMA V2 bundled project activity. If so, kindly explain the reason for	Section 7/ Section 1.1 of PD	There are no such WTGs which have been rejected from the earlier project activities bundled by TASMA.	Project participants confirming that there are no such WTGs which have been rejected from the earlier project activities bundled by TASMA.

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
rejection from TASMA bundled project activity and acceptance in TASMA V2 bundled project activity.			
The procedures followed by TASMA to include individual WTG's under TASMA bundle and provide the supporting documents.	Section 7/ Section 1.1 of PD	The procedures followed by TASMA to include WTGs in the bundle are included in the revised PD.	The procedures followed by TASMA to include individual WTG's under TASMA bundle as CDM project activity is now included in the revised PD, checked and found correct. Conclusion: CL 1 Closed
CL 2 Please Clarify; In section 1.1 of the PD, it is mentioned that "The Wind mill investors have aimed either to wheel the generated power to its own facility to meet out its captive electricity demand or selling it to the State Electricity Utility".	Section 7/ Section 1.1 of PD	In this bundled project activity, some of the WTGS are captive in nature whereas some are sale to grid. The list is provided for validation.	The validation team has reviewed the energy purchase agreements and energy wheeling agreements and observed that the provided description is verified and found correct. Conclusion: CL 2 Closed.
CL 3 Are there any investors in this bundle activity whose WTG's were included in the previous registered bundled project activities and/or in the new bundled project activities in validation process and/or under bundling process.	Section 7/ Section 1.1 of PD	PP confirms that none of the WTGs involved in this project activity has been applied/registered/under validation with any other CDM project activity. However, DOE can further confirm the same by verifying Evaluation Committee Reports.	The provided documents have been verified and confirm that none of the WTGs involved in this project activity has been applied / registered / under validation process. Hence this CL is closed.

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
Clarify and give reason.		(Folder Name: "21_EVC Sheets")	Conclusion: CL 3 Closed
CL 4 Clarify, The total no of WTG provided in the section 1.1 of description of the project activity and section 2.3 of project boundary is not consistent.	Section 7/ Section 1.1 of PD & Section 2.3 of PD	Section 2.3 is now made consistent with Section 1.1 in the revised PD.	The changes have been done in section 1.1 and 2.3 of revised PD and found correct. Conclusion: CL 4 Closed
CL 5 Please clarify; Why other realistic and credible alternative scenarios to the proposed VCS project activity scenario that deliver outputs services with comparable quality are not identified.	Section 10/ Section 2.4 of PD	The baseline is pre defined in the applied approved methodology ACM0002 for the new grid connected project activity and hence, alternatives have not been discussed. The same is explained in section 2.4 of the PD.	As per applied approved methodology, ACM 0002, version 12.2.0 the baseline scenario is defined. The same is provided in the section 2.4 of the PD. Conclusion: CL 5 Closed
CL 6 Please clarify; PP to submit the calculation of the equity IRR in line with "Guidance on the assessment of investment analysis", para 10, considering total investment (including equity investment and bank loan) were considered in the IRR calculation of the project activity.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The calculation of Equity IRR is in line with the Para 10 of "guidance on the assessment of Investment analysis".	The calculation of Equity IRR is in line with the Para 10 of "guidance on the assessment of Investment analysis" has been verified and found correct.

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
The evidence for the project cost for each of the WTG's may be provided for verification. The PP is also requested to demonstrate that all the parameters are applicable as on the date of investment decision for each of the project owners.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The evidence for the project cost for each of the WTGs is submitted to DOE for verification. (Folder Name: "01_Offer Letters")	The evidence for the project cost offer letters for each of the WTG's has been provided for verification. The same has been applicable at the time of investment decision checked found correct.
The values used for IRR and Benchmark calculations are not provided with reference in the PD.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The reference values and Source of the assumption parameters to evaluate Equity IRR and Benchmark return on Equity is now provided in the revised PD.	The values used for IRR and Benchmark calculations are provided with reference in the revised PD.
The appropriateness of applying 5% wheeling charges and for not considering banking charges to calculate the electricity generation, given that the electricity generation in the emission reduction calculation does not consider such charges.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The wheeling charge applicable is as per TNERC tariff order no 01, dated 2009 to the WTGs aimed to wheel the generated power to their respective manufacturing unit for captive usage. The emission reduction is calculated on the net electricity supplied to Grid/wheeled to the grid which is in compliance with the methodology ACM 2.	The electricity is wheeled to the indented users via TNEB grid. For using the Government grid, Wheeling charges are charges to the PP. Similarly, for purpose of banking of electricity, banking charges are charged. In both cases, the electricity is utilised elsewhere and not wasted as in the case of transmission or transformer losses. Hence the provided explanation is acceptable. Conclusion: CL 6 Closed

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
CL 7 Please clarify, Electricity duty has not been taken for captive power plant tariff workings.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	Electricity Duty and Electricity tax is now considered in the financial workings of the captive power tariff.	Electricity duty has been taken for captive power plant tariff workings verified and found correct.
It is observed that the depreciation has been calculated including land cost. Kindly clarify.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The workings of depreciation are corrected in the revised financials.	Annual book depreciation is sourced from draft discussion papers which are available at the time of investment decision. Hence, the applied value is accepted as reasonable. The validation team also found that the fair value of the project cost (salvage value) at the end of the assessment period is included as a cash inflow in the final year which is in line with para 4 of EB 62 Annex 5. The validation team also found that the book depreciation which is deducted in estimating profit before tax on which tax is calculated, is added back to profit after tax for the purpose of calculation of financial indicator. PP has taken 90% total depreciation for 20 years and the balance 10% is salvage value which includes land value. Salvage value is the asset at the end of 20th year.

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
It is observed that tax shield has been calculated wrongly. It should be calculated only on "Taxable Income from Energy Business" in row no. 36 of Income tax calculation portion. Kindly clarify.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The tax shield calculations are corrected in the revised financial sheets.	Tax shield is now calculated correctly.
Pl. refer IREDA document, Loan processing charges 1% should be applicable for more than 5 Crs and 0.50% for less than 5 Crs.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The Loan processing charge is corrected in the revised financial worksheet.	The loan processing charges are taken from IREDA document which is available at the time of investment decision and is the most authentic source and hence accepted by the validation team. The validation team has reviewed the IREDA document which is correctly sourced in the project context.
The Income tax rates should be taken as on the date of Investment decision.	Section 11/ Section 2.5 of PD	The income tax rate is considered which was available at the time of investment decision.	Income tax is taken correctly.
It is observed that the Income tax rate and MAT rate adopted is not applicable as on the date of investment decision.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The income tax rate and MAT rate is applicable as on investment decision date.	MAT tax is taken correctly.

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
ISSUES COMMON FOR ALL WTGS – The PP may provide suitable evidences in the form of offer letters for verification of Cost of the project.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The offer letter from the supplier is submitted to DOE as an evidence of cost of project. (Folder Name: <i>“01_Offer Letters”</i>)	The validation team has reviewed the offer letters and accepted.
The Power purchase agreement to substantiate the project cost and electricity tariff	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The relevant pages of PPA are submitted to DOE to substantiate electricity tariff. (Folder Name: <i>“08_EPA & EWA”</i>)	The validation team has reviewed the PPA/EWA and accepted.
The PP to justify how the source of all input values used in the financial analysis meet the requirement of paragraph 6 of EB's latest guidance on investment analysis. This may be done by adding a column in the assumption sheet stating clearly the source of each assumption considered for financial analysis.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The separate table is provided in Section 2.5 for the source of assumption parameters which is in compliance with Para 6 of Guidance on investment analysis.	The validation team reviewed all the input values and observed that all the values are available to the PP at the investment decision.
The applicable PLF has to be in line with the guidelines of EB 48. The loan paper submitted to the Bank / Financial Institutions / other recommended evidences to authenticate the PLF for all the cases may be submitted to us for verification.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The PLF is sourced from the report prepared by third party engineering company and is submitted to DOE to authenticate the PLF. (Folder Name: <i>“17_PLF Report”</i>)	PLF certificate is submitted for each WTG which is as per EB 48 annex 11.

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
Please furnish certified copy of the Board resolution to vouch the exact date of investment decision.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The copy of Board resolution is submitted to DOE. (Folder Name: <i>“09_Board Resolutions”</i>)	The validation team has reviewed the board resolution and accepted.
The PP is requested to demonstrate how the debt equity ratio adopted is in line with EB guidance 62.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	Debt equity ratio is considered from the TNERC Tariff Order as the Financial evaluation are based on the parameters that are standard in the market which is in compliance with the EB 62 Guidance on assessment of investment analysis.	The validation team has reviewed the tariff order and observed that 70%:30% are applicable for the wind energy project.
Normally the first year O&M charges are borne by the machinery manufacturers. Here, O&M charges assumed for the first year also.	Section 11/ Section 2.5 of PD, Section 2.6 of PD & Excel Sheets	The O&M is sourced from TNERC tariff Order available at the time of investment decision.	It is correctly accounted for in the calculation of equity IRR. The validation team has checked the equity IRR with zero O&M and found that the resultant values do not cross the benchmark. Conclusion: CL 7 Closed.

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
CL 8 PP to mention the values and sources of the assumptions for the investment analysis in the PD and provide documentary evidences to substantiate the same.	Section 11/ 2.5 of PD & Excel Sheets	The separate table is provided in Section 2.5 for the source of assumption parameters which is in compliance with Para 6 of Guidance on investment analysis.	Now the values and source of the assumptions for the investment analysis is provided in the revised PD which is in compliance with Para 6 of Guidance on investment analysis. Conclusion: CL 8 Closed.
CL 9 PP to confirm whether there is any ODA involved in the project and submit documents to support the D/E component and 100% equity for validation.	Section 11/ Document Review	The PP confirms that there is no ODA funds involved in the project activity. The self declaration is submitted to DOE for validation. (Folder Name: "20_No ODA Fund")	The self-declaration confirms that there is not ODA fund involved in the project activity. The same has been verified by validation team and found correct. Conclusion: CL 9 Closed.
CL 10 Please clarify Why, no information has been provided regarding previous investments made by the PP and the considerations applied in those cases.	Section 11/ Document Review	The same has been captured in the Evaluation Committee Reports. (Folder Name: "21_EVC Sheets")	The Evaluation Committee Reports has been verified and found correct. The clarification provided by the PP is acceptable. Hence this query is resolved. Conclusion: CL 10 Closed.

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
CL 11 Please clarify Why the list of projects is limited only to CDM/VCS projects and non-CDM/VCS projects have not been considered for common practise analysis?	Section 11/ Section 2.5 of PD	The Common practice analysis is demonstrated as per latest tool/guidelines on demonstrating additionality in the PD. Hence, this CL is irrelevant.	The validation team has reviewed the common practice and accepted the approach as correct. Conclusion: CL 11 Closed.
CL 12 Please clarify; It is not evident from section 4.3 of the PD that “the net power export/wheeled is monitored separately for each investor in the bundle”. But during on-site it was observed that “the net power export/wheeled is monitored separately for each investor”.	Section 12/ Section 4.3 of PD	It is illustrated in section 4.2 of the revised PD that $EG_{PJ,y}$ is the total quantity of net electricity generation supplied by each project plant/unit in the project activity to the grid in year y.	Now in the revised PD is evident the net electricity generation supplied by each plant to the grid. Conclusion: CL 12 Closed.
CL 13 Procedures for possible monitoring data adjustments and uncertainties are not clear from section 4.3 of the PDD.	Section 12/ Section 4.3 of PD	The Procedure for possible adjustments and uncertainties is included in the section 4.3 of the revised PD.	Now, in the revised PD, pprocedures for possible monitoring data adjustments and uncertainties has been included. Conclusion: CL 13 Closed.

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
CL 14 Please clarify; How apportioning of CERs would be done for all the individual project participants based on the monitored readings.	Section 12/ Section 4.3 of PD	The apportioning of VCUs would be done by TASMA for each Sub-bundle PP on the basis of net electricity generation by their respective WTGs / according to the share of individual investor's generation on a year.	The clarification provided by the PP is acceptable. Hence this query is resolved. Conclusion: CL 14 Closed.
CL 15 The PD does not describe the process for possible data adjustments & emergency preparedness. And also it is not clear from the PD what the back-up data recording processes are when main meter which is placed at EB yard fails.	Section 12/ Section 4.3 of PD	The description on the process for possible data adjustments & emergency preparedness, back up data recording process during failure of meter is illustrated in the revised PD.	The description is found ok. Conclusion: CL 15 Closed.
CL 16 CEA guidelines 2006, mentions a calibration frequency of 5 years for the meters while the latest EPA and Wheeling agreement from TNEB, refers the accuracy testing based on the CEA guidelines (2006). Clarify whether accuracy testing and calibration refer to the same.	Section 12/ Section 4.2 of PD	Accuracy Testing and Calibration are one and the same. The only difference is Calibration will be done once a Complaint is raised/ fault is noted. However, Testing refers to periodical testing of the Energy meters whether it is faulty or not.	The validation team agrees with the response of PP. Hence the clarification by PP is acceptable. Conclusion: CL 16 Closed.
CL 17	Section 12/ Section 4.3	The project activity will not result in any unidentified activity that can result in substantial emissions from the project	The description is found ok.

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
Please clarify; In section 4.3, of the PD there is no mention of emergency preparedness for cases where emergencies can cause unintended emissions.	of PD	activity. No need for emergency preparedness in data monitoring is visualized.	Conclusion: CL 17 Closed.
CL 18 Please clarify; In many sections of the PD it has been mentioned as CER revenues.	Section 14/ Section 1.1 of PD, Section 1.2 of PD & Section 4.1 of PD	The same is now corrected in the revised PD.	The correction have been done in the revised PD and found correct. Conclusion: CL 18 closed
CL 19 An estimate of 308,280 tCO_{2e}/ year is shown as emission reductions from the project activity; PP shall furnish the EG_y readings of all the WTG's.	Section 14/ Excel Sheet	The EG_y readings for all the WTGs are now provided to the DOE. (Folder Name: “15_Monitoring Report”)	EG_y readings have been furnished, checked and found correct. Conclusion: CL 19 Closed
CL 20 Please clarify whether the variable data EGpJy is Electricity generated (described in Section 3.1) or Electricity supplied by the project activity to the grid (as described in 4.2).	Section 14/ Section 3.1 of PD & Section 4.2 of PD	The variable data EGPJ,y means the Net Electricity supplied to the Southern grid by Project Plant/unit. The same is mentioned in the PD and is in line with the methodology.	The variable data EGPJ,y Quantity of net electricity generation that is produced and supplied into the grid. The same has been provided in the PD verified and found correct. Conclusion: CL 20 Closed.

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
CL 21 Please clarify with regard to local Stakeholders consultation process How was the stake-holders identified?	Section 14/ Section 6 of PD	An on-site local stakeholder questionnaire survey has been conducted by TASMA for collecting comments on the Project activity by TASMA through their regional representatives located in various districts of Tamil Nadu where WTGs are located. The stakeholders were Farmers, Fishermen, teaching institutions, local body representatives, media, government officials, NGO/Trade Unions and professionals. To take the feedback transparently, TASMA has instructed their regional representative to circulate the questionnaire randomly to the local stakeholders in nearby villages/towns of installed WTG site.	TASMA regional representatives has been conducted the survey to identify the Stakeholders for the project and circulated the questionnaire collected their feedback regarding project activity. The same has been provided in the revised PD.
When was the Public notice given/published?	Section 14/ Section 6 of PD	The Questionnaires/public notice is submitted to the validation team.	The circulated notice and questionnaires were confirmed the same
Was the Questionnaire circulated among the local Stakeholders to get their opinion/feedback on the project is in English or local/regional language (i.e. Tamil) language and	Section 14/ Section 6 of PD	The Questionnaire circulated among the stakeholders to get the feedback on the project was in English. However, wherever translation in the regional language was required by the Stake Holders, the Regional Representatives of TASMA have helped for such translation.	The Questionnaire was circulated among the local Stakeholders to get their opinion/feedback and the PP confirmed that the translators have been arranged to help stakeholders to better understand and get their opinion regarding project.

Draft report clarifications and corrective action requests by validation team	Ref. to Section of table 1/PD	Summary of project owner response	Validation team conclusion
Submit the survey questionnaire for validation	Section 14/ Section 6 of PD	The Stake Holder Questionnaire along with the duly filled responses is submitted to DOE for Validation. (Folder Name: <i>“22_Stake Holder Survey”</i>)	Survey questionnaire have been submitted for validation checked and found correct. The clarification by PP on local stakeholder consultation process is acceptable. Now section 6 of the revised PD is updated with the local stake holder meeting process. Hence this CL is closed. Conclusion: CL 21 Closed.