

MONITORING REPORT TITLE

**BUNDLED WIND POWER PROJECT IN TAMIL NADU, INDIA, CO-ORDINATED BY
TAMIL NADU SPINNING MILLS ASSOCIATION (TASMA-V1)**



Document Prepared by

Mr. V. BHARATHI KANNAN

DIRECTOR – PROJECTS

M/s. TAMILNADU SPINNING MILLS ASSOCIATION (TASMA)

Contact Information (+91 98428 33318)

Project Title	Bundled Wind power project in Tamil Nadu, India, co-ordinated by Tamil Nadu Spinning Mills Association (TASMA-V1)
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Prepared By	Tamilnadu Spinning Mills Association (TASMA)
Contact	Mr. V. Bharathi Kannan, Director – Projects, #2, Karur Road, Modern Nagar, Dindigul, Tamilnadu - 624 001 India Mob: +91 98428 33318; E-Mail: directorprojects@tasma.in Website: www.tasma.in

CONTENTS

1	PROJECT DETAILS.....	3
1.1	Summary Description of the Implementation Status of the Project	3
1.2	Sectoral Scope and Project Type	3
1.3	Project Proponent	4
1.4	Other Entities Involved in the Project	4
1.5	Project Start Date	4
1.6	Project Crediting Period	4
1.7	Project Location	5
1.8	Title and Reference of Methodology	6
1.9	Participation under other GHG Programs	6
1.10	Other Forms of Credit.....	6
1.11	Sustainable Development.....	6
2	SAFEGUARDS	7
2.1	No Net Harm	7
2.2	Local Stakeholder Consultation	8
2.3	AFOLU-Specific Safeguards	8
3	IMPLEMENTATION STATUS	9
3.1	Implementation Status of the Project Activity	9
3.2	Deviations	9
3.3	Grouped Projects	9
4	DATA AND PARAMETERS.....	10
4.1	Data and Parameters Available at Validation	10
4.2	Data and Parameters Monitored.....	10
4.3	Monitoring Plan	11
5	QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS	13
5.1	Baseline Emissions	13
5.2	Project Emissions	13
5.3	Leakage.....	13
5.4	Net GHG Emission Reductions and Removals.....	13
	APPENDIX-1: PROJECT DETAILS.....	15
	APPENDIX-2: GENERATION DETAILS	21

1 PROJECT DETAILS

1.1 Summary Description of the Implementation Status of the Project

The project activity is the bundling of **109** Wind Turbine Generators (WTGs) sponsored by **50** individual investors aggregating to a total installed capacity of **51.595 MW**. All these WTGs are spread in the entire State of Tamilnadu, India and the bundling activity is undertaken by Tamilnadu Spinning Mills Association (TASMA). All these WTGs are commissioned and connected to the Southern Regional Grid, India. There are no changes in the implementation and it is in line with the registered PD.

The intent of the Project Activity is to reduce GHG emissions and promote sustainable development by use of renewable energy (Wind) for generation of power by bringing together a number of investors with small power requirements to invest into wind turbines. In the absence of the project activity, the equivalent amount of electricity would have been generated by the power plants connected with the southern grid which is predominantly based on fossil fuel. Total ERRs achieved for the monitoring period is 108,545 tCO₂e.

1.2 Sectoral Scope and Project Type

Sectoral Scope: 01

Project Type & category: The project activity uses approved consolidated baseline and monitoring methodology: ACM0002.

Title: "Consolidated Baseline Methodology for grid connected electricity generation from renewable sources", Version 10

This is not a grouped project.

1.3 Project Proponent

Organization name	Tamilnadu Spinning Mills Association (TASMA)
Contact person	Mr. V. Bharathi Kannan
Title	Director – Projects
Address	#2, Karur Road, Modern Nagar, Dindigul, Tamilnadu - 624 001 India
Telephone	+91 98428 33318
Email	directorprojects@tasma.in

1.4 Other Entities Involved in the Project

Organization name	Not Applicable
Role in the Project	Not Applicable
Contact person	Not Applicable
Title	Not Applicable
Address	Not Applicable
Telephone	Not Applicable
Email	Not Applicable

1.5 Project Start Date

5th March, 2002

(Based on the earliest commissioning date of the WTG in the group)

(The start date of the crediting period is considered from 1st April 2006 as per the registered PD)

1.6 Project Crediting Period

1stApril 2006 to 31stMarch 2016 (10 years Fixed Crediting Period)

1.7 Project Location

Tamilnadu, India



**WTGLocations of
Sub Bundle
Owners**

1.8 Title and Reference of Methodology

Sectoral Scope: 01

Project Type & category: The project activity uses approved consolidated baseline and monitoring methodology: ACM0002.

Title: "Consolidated Baseline Methodology for grid connected electricity generation from renewable sources", Version 10

1.9 Participation under other GHG Programs

The project activity has never been registered under any other GHG program other than the VCS. The project proponent further declares that there is no double counting claimed by any of the wind turbines covered under this project for the same monitoring period. This can be further witnessed and cross verified through the windmill HTSC Nos, Capacity and date of commissioning. A declaration to this effect is also now submitted to VVB.

1.10 Other Forms of Credit

Not Applicable

1.11 Sustainable Development

I) Social well being

The project activity generates 88.53 GWh of power per year from clean and renewable source (wind). The districts of Kanyakumari, Tirunelveli and Coimbatore of Tamilnadu where the WTGs are located now, had no proper road connectivity prior to the project commencement. It is only after the installation of the windmills, there is improvement in road connectivity in these areas. These roads are being used by the local villagers. The feedback from the local people, points to the positive impact of the project. The project will also aid the State electricity grid in meeting out their electricity demand. The local residents near the project sites are getting employment and new business opportunities are growing due to this project activity.

II) Economic well being

The lands purchased for the wind farms are mostly barren lands and are located in the remote areas. After commencement of this project activity, there is an increase in the value of these lands which would have otherwise fetched lower revenue. The local residents are also getting jobs as a result of the project activity. There is an increase in the business opportunities for the local people in establishing small shops and allied activities. In addition to the above, there are some rural and infrastructural developments around the wind farms.

III) Environmental well being

The project activity generates clean energy without any GHG emissions which is commonly associated in the field of electricity generation. Hence, the project related GHG emissions are nil for the project activity, as it uses natural energy (wind) as the only source for the purpose of electricity generation.

IV) Technological well being

All the WTGs in the project activity are from well-known International Manufacturers with latest technology. This will further demonstrate the development of new technologies in harnessing the renewable energy and will promote further percolation of developed technology throughout the world. The clean renewable electricity thus generated is being supplied to the respective grid to meet out the demands.

2 SAFEGUARDS

2.1 No Net Harm

There is no negative environmental and socio-economic impact.

The wind power being a cleaner source for electricity generation does not require compliance of any local laws and regulations. However, the essential documents like No Objection Certificate (NOC), Energy Purchase Agreement or Energy Wheeling Agreement have been executed with TNEB/TANGEDCO before the start date of the individual WTGs.

Table: Relevant applicable laws & regulations and Compliance status of the project activity

Regulations	Compliance status
NOC from TNEB	Complied
EPA with TNEB (if sale to utility)	Complied
EWA with TNEB (if wheeling)	Complied

2.2 Local Stakeholder Consultation

The local stakeholders have already been contacted for the first bundled CDM project of TASMA. For the second project, a questionnaire survey was conducted covering the people living in the villages nearby the site. The overall opinion expressed through the questionnaire was based on the experience of the local stakeholders with the already existing windmills. The overall response was that the impact of windmills in the locality is of positive nature. The responses are categorised as positive and negative based on the comments. The positive responses indicate that respondent feels that the project activity will lead to overall good for the society. All of the individual respondents are of the view that the project activity is of good to them and to the society as well. It has really added to the electricity generation of the state grid without causing any pollution. No negative comments were received that required follow up action.

For the WTGs located in various locations inside Tamil Nadu, the handling of the feedback from stakeholders and addressing their grievance is done by the O & M agency as defined in the contractual obligations. Based on the available records of the grievance register shared by the respective O & M personnel for this monitoring period, it is evident that no grievances have been received from stakeholders. A sample of the same is submitted to VVB. Hence, the overall impact of windmills in the locality is more of a positive nature and no negative comments were received which require any follow up action.

2.3 AFOLU-Specific Safeguards

Not Applicable

3 IMPLEMENTATION STATUS

3.1 Implementation Status of the Project Activity

All the WTGs are operating continuously depending on the wind availability. The electricity available for carbon credit for this monitoring period is 117,098.58 MWh (rounded down).

All the WTGs involved in the project activity are already commissioned and operational. The WTGs are under operation since the date of commissioning and no event has been identified which may impact GHG emission reduction.

The implementation dates as commissioning of WTGs are given in Appendix 1 of the MR

3.2 Deviations

3.2.1 Methodology Deviations

There is no Methodology deviation.

3.2.2 Project Description Deviations

There are no Project deviations.

3.3 Grouped Projects

This is not a grouped project.

4 DATA AND PARAMETERS

4.1 Data and Parameters Available at Validation

Data / Parameter	EF _y
Data unit	tCO ₂ e/MWh
Description	Baseline emission factor
Source of data	CEA database version 4
Value applied	0.92694742tCO ₂ e/MWh
Justification of choice of data or description of measurement methods and procedures applied	The grid emission factor (EF _{grid}) was calculated from the operating margin (OM) CO ₂ emission factor and build margin (BM) CO ₂ emission factor, referenced from "CO ₂ Baseline Database for Indian Power Sector" 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 1.1 of "Tool to calculate Emission Factor for an Electricity System."
Purpose of Data	Calculation of baseline emissions
Comments	-

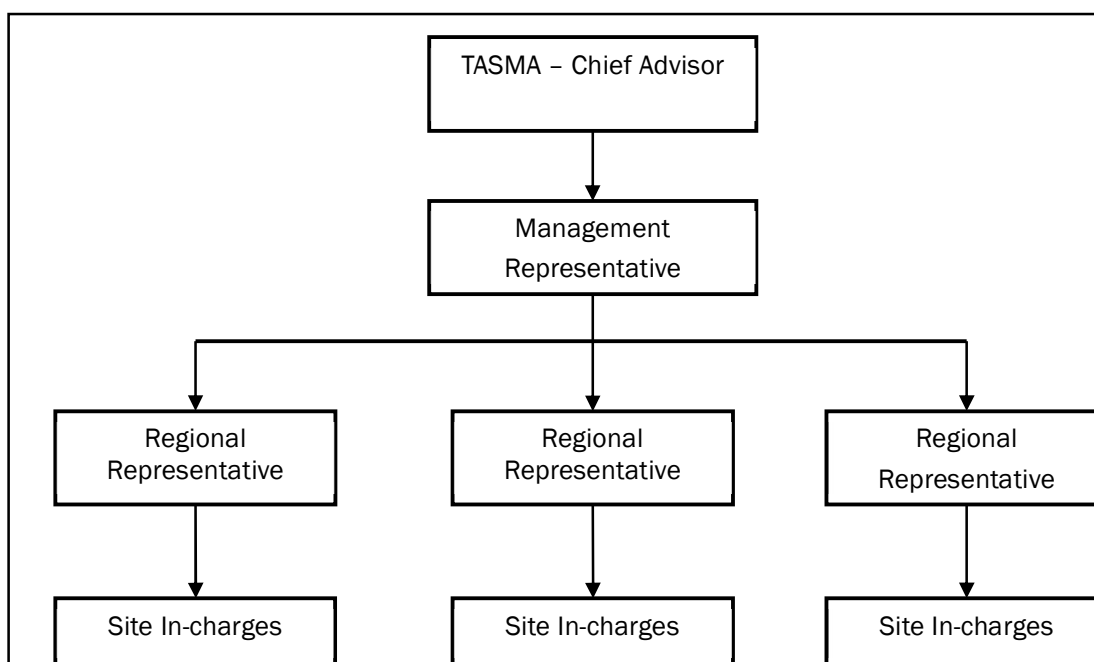
4.2 Data and Parameters Monitored

Data / Parameter	EG _y
Data unit	MWh
Description	Net electricity supplied to the grid
Source of data	TNEB statement
Description of measurement methods and procedures to be applied	Net generation = (Export- Import) To be certified by TNEB Statement Monthly Measurement by TNEB
Frequency of monitoring/recording	Monthly
Value monitored	117,098.58 MWh
Monitoring equipment	Measured by 0.5 Class Meter – (accuracy ±0.5%)

	Refer Appendix 2
QA/QC procedures to be applied	QA/QC of Monitoring Equipment The values are cross-checked with the Sales records. Calibration procedure: Main meter is calibrated by the TNEB as per guidelines provided by CEA/TNERC, which refers at least once in five years.
Purpose of the data	Calculation of baseline emissions
Calculation method	Net generation = Export- Import
Comments	Data will be archived during the whole crediting period + 2 years

4.3 Monitoring Plan

The monitoring activity will be centrally executed by TASMA. The organization for monitoring will be as follows:



The responsibilities of Management structure are

1. TASMA:

- a. Reviewing the monthly and annual statistics.
- b. Evaluating the GHG performance of the project activity.
- c. Identify opportunities for further improvement.

2. Regional representative:

- a. Reviewing the GHG performance related parameters as recorded by the Site In-Charge regularly.
- b. Implementation of appropriate corrective measures in case any discrepancies are identified in the reported parameters.
- c. Ensuring calibration of the monitoring equipment as per the defined calibration schedule

3. Site In-charge:

The Site In-charge (O&M Service provider/Company personnel) besides operation and maintenance of the wind turbine generators will record monthly energy meter reading jointly with TNEB officials and submits the generation Statement to the TASMA as and when called for.

The **Metering** for WTGs of the project activity is carried out as under:

The monthly meter reading is being taken jointly by the Parties (TNEB/TANGEDCO and the Site In-charge) on a fixed day of the month. At the conclusion of meter reading on each occasion, an appointed representative of the TNEB/TANGEDCO shall sign the meter card provided for this purpose and the entries made is verified by the site in-charges. The TNEB/TANGEDCO meter reading is used for recording electricity generation and the same is sealed by TNEB/TANGEDCO and shall not be interfered other than TNEB/TANGEDCO personnel. Emission reduction calculation is based on the Generation Statement issued by TNEB/TANGEDCO.

5 QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS

5.1 Baseline Emissions

Baseline emissions calculated are summarized as below.

Base Line Emissions: (BE_y)

According to the validated PD, Baseline Emission is calculated by the following formula.

$$BE_y = EG_y * EF_y$$

Baseline emission factor (combined margin)

$$EF_y = 0.92694742 \text{ tCO}_2\text{e/MWh}$$

$$EG_y = 117,098.58 \text{ MWh}$$

$$EG_y = 117,098.58 * 0.92694742 = 108,545 \text{ tCO}_2\text{e (rounded)}$$

5.2 Project Emissions

Project Emissions: (PE_y)

According to ACM0002, there is no project emission for grid connected wind-based power generation. Hence in this case it is considered as **PE_y = 0 tCO₂/year**

5.3 Leakage

According to ACM0002, there is no leakage emission for grid connected wind-based power generation. Hence in this case it is considered as **LE_y = 0 tCO₂/year**

5.4 Net GHG Emission Reductions and Removals

Emissions Reduction: (ER_y)

For a given year, the emission reductions contributed by the project activity is calculated as follows:

$$ER_y = BE_y - PE_y - LE_y$$

Where,

ER_y – Emission Reductions for the year 'y'

BE_y– BaseLine Emission for the year 'y'

PE_y– ProjectEmissions for the year 'y'

LE_y– Leakagefor the year 'y'

Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
Year 2015	86,972	0	0	86,972
01 January 2016- 31 March 2016	21,573	0	0	21,573
Total	108,545	0	0	108,545

APPENDIX-1: PROJECT DETAILS¹

S.NO.	NAME OF THE MILLS / COMPANIES	CAPACITY (IN MW)	HTSC. NO.	COMM. DATE	CALIBRATION DATE	METER MAKE	METER SERIAL NO.	PASS
1	Anugragha Valve Castings Ltd	1.250	493	21-Mar-03	01-Apr-11	ABB P++	02307255	A
2	Arun Excello Urban Infrastructure Pvt. Ltd.,	0.225	546	31-Mar-03	21-Nov-11	Elster	02307498	A
3	Arun Excello Urban Infrastructure Pvt. Ltd.,	0.225	547	31-Mar-03	21-Nov-11	Elster	04954778	A
4	Arunachala Gounder Textile Mills Pvt. Ltd.,	0.600	490	29-Sep-06	17-Dec-15	Elster	4862911	C
5	Arunachala Gounder Textile Mills Pvt. Ltd.,	0.600	2496	30-Sep-07	22-Jan-16	Elster	4890006	A
6	Classic Spinning Mills Pvt. Ltd.,	0.225	245	18-Nov-04	20-Dec-13	L & T	10267871	C
7	Classic Spinning Mills Pvt. Ltd.,	0.225	245	05-Jan-05	20-Dec-13	L & T	10267871	C
8	Classic Spinning Mills Pvt. Ltd.,	0.225	245	08-Aug-05	20-Dec-13	L & T	10267871	C
9	Classic Spinning Mills Pvt. Ltd.,	0.225	245	08-Sep-05	20-Dec-13	L & T	10267871	C
10	Classic Spinning Mills Pvt. Ltd.,	0.225	245	08-Sep-05	20-Dec-13	L & T	10267871	C
11	Classic Spinning Mills Pvt. Ltd.,	0.500	192	27-Mar-03	28-Jun-12	ABB	2307259	C
12	Classic Spinning Mills Pvt. Ltd.,	0.500	105	16-Mar-07	09-Apr-14	L & T	14192035	C
13	Classic Wind Farms	0.225	189	28-Sep-02	04-Aug-12	Elster	4863749	C
14	Classic Wind Farms	0.225	189	28-Sep-02	04-Aug-12	Elster	4863749	C
15	Classic Wind Farms	0.500	193	27-Mar-03	04-Aug-12	ABB	2307312	C
16	Sowmiya Spinners (P) Ltd.,	0.500	107	16-Mar-07	28-Jun-12	Elster	4863665	C

¹ The evidence to the calibration details is submitted to the VVB in a spreadsheet named "TASMA-V1_Calibration Details_01022023"

17	Sowmiya Spinners (P) Ltd.,	0.500	106	16-Mar-07	15-May-14	Elster	4863664	C
18	Deffree Engineering (P) Ltd.,	0.800	1059	30-Dec-05	27-Apr-12	Wallaby	HT02120250	C
19	Dhanalakshmi Controls & Equipments	0.225	726	29-Mar-05	20-May-14	Elster	4691212	C
20	Frontier Processing Mills	0.500	1723	29-Mar-06	24-May-14	Elster	4804447	A
21	Jayakrishna Flour Mills Pvt. Ltd.,	0.225	477	05-Feb-03	26-Aug-13	Wallaby	5100305	A
22	Jayakrishna Flour Mills Pvt. Ltd.,	0.225	518	28-Mar-03	26-Aug-13	Wallaby	5100310	A
23	Jayakrishna Flour Mills Pvt. Ltd.,	0.225	623	29-Sep-03	26-Aug-13	Wallaby	5100306	A
24	Jayakrishna Flour Mills Pvt. Ltd.,	0.225	781	31-Mar-04	05-Oct-12	Wallaby	208320648	A
25	Jayakrishna Flour Mills Pvt. Ltd.,	0.225	782	31-Mar-04	26-Aug-13	Wallaby	5100254	A
26	Jayakrishna Excell Energy Pvt. Ltd.,	0.225	1463	29-Sep-05	26-Aug-13	Wallaby	5100258	A
27	Jayakrishna Excell Energy Pvt. Ltd.,	0.225	1769	30-Mar-06	26-Aug-13	Wallaby	5100265	A
28	K.G. Entertainment Company (P) Ltd.,	0.350	1328	30-Sep-06	26-Aug-12	Elster	4804552	C
29	Kaleesuwari Refinery Pvt. Ltd.,	0.500	609	25-Sep-03	30-May-14	Elster	2318661	A
30	Kaleesuwari Refinery Pvt. Ltd.,	0.600	603	24-Sep-03	30-May-14	Elster	2329663	A
31	Lakshmi Narayan Govrishankar Enterpriser Prt. Ltd.,	0.500	458	03-Apr-06	04-Dec-12	Elster	4804497	C
32	Lakshminarayan Gourishanker	0.250	544	10-Apr-07	04-Dec-12	Wallaby	HT5100161	C

	Enterprises Pvt. Ltd.,							
33	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	545	10-Apr-07	04-Dec-12	Elster	4865541	C
34	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	546	10-Apr-07	04-Dec-12	Elster	4865542	C
35	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	547	10-Apr-07	04-Dec-12	Elster	4865553	C
36	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	187	28-Mar-02	04-Dec-12	Wallaby	HT5100017	C
37	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	187	28-Mar-02	04-Dec-12	Wallaby	HT5100017	C
38	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	187	23-Sep-02	04-Dec-12	Wallaby	HT5100017	C
39	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	194	29-Mar-03	04-Dec-12	Wallaby	HT5100097	C
40	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	195	29-Mar-03	04-Dec-12	Secure	TN902062	C
41	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	343	04-Jun-05	04-Dec-12	Wallaby	HT2111176	C
42	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	344	04-Jun-05	04-Dec-12	Elster	4697401	C
43	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.500	415	22-Mar-06	04-Dec-12	Elster	4804498	C
44	Lotus Agency	0.750	1956	24-Jul-06	13-Oct-13	Elster	4804667	B

45	Mahaveers Saree Pvt. Ltd.,	0.800	1063	31-Dec-05	27-Dec-11	Wallaby	HT2110859	C
46	Poombukar Process	0.225	592	15-Dec-04	19-Jun-14	Elster	2378018	C
47	Poomer Hosieries	0.225	984	29-Sep-05	19-Jun-14	Elster	4721858	C
48	Ferocast Foundries Coimbatore Pvt. Ltd.,	0.230	281	31-Mar-03	12-Jun-12	Elster	2278207	C
49	Prime Tex	0.225	574	12-Sep-03	30-May-12	Elster	4939508	A
50	Prime Tex	0.225	574	12-Sep-03	30-May-12	Elster	4939508	A
51	Prime Tex	0.225	552	11-Aug-03	20-Jan-16	ABB	2307481	A
52	Prime Tex	0.225	552	31-Mar-03	20-Jan-16	ABB	2307481	A
53	Prime Tex	0.225	552	31-Mar-03	20-Jan-16	ABB	2307481	A
54	Prime Tex	0.225	320	30-Sep-03	13-Oct-11	Elster	2329699	C
55	Prime Tex	0.225	318	30-Sep-03	13-Oct-11	Elster	2345904	C
56	Rangasayee Alloy Castings	0.230	407	30-Mar-04	10-Aug-12	Elster	5038732	C
57	Rangasayee Alloy Castings	0.350	1203	31-Mar-06	14-Jun-12	Secure	TNB04688	C
58	S.N.Q.S. International	0.330	1180	29-Mar-06	18-Feb-12	Wallaby	HT2110879	C
59	S.S.K. Textiles	0.600	58	26-Mar-07	12-Jul-14	Elster	4865515	C
60	S.S.K. Textiles	0.250	446	17-Jun-05	05-Apr-14	Elster	4691186	C
61	Santhi Castings Works	0.500	608	25-Sep-03	12-May-11	Elster	2318664	A
62	Seyad Home Industries Pvt. Ltd.,	0.500	607	25-Sep-03	15-Feb-12	Elster	4880991	A
63	Seyad Shariat Finance Ltd.,	0.225	645	18-Oct-03	15-Dec-12	Elster	4902013	A
64	Seyadu Beedi Company	0.500	417	05-Mar-02	12-Apr-11	Elster	4959676	A
65	Shanmugapriya Textiles Pvt. Ltd.,	0.750	536	31-Mar-03	24-May-13	Wallaby	5100045	A
66	NuPower Renewables Ltd.,	1.250	584	21-Sep-03	20-Jul-11	Elster	2318777	A

67	NuPower Renewables Ltd.,	1.250	585	21-Sep-03	20-Jul-11	Elster	2318776	A
68	NuPower Renewables Ltd.,	1.250	586	21-Sep-03	20-Jul-11	Elster	2329670	A
69	NuPower Renewables Ltd.,	0.750	640	30-Sep-03	20-Jan-12	Wallaby	HT4100019	B
70	NuPower Renewables Ltd.,	0.750	641	30-Sep-03	28-Jul-11	Elster	2329601	B
71	NuPower Renewables Ltd.,	0.750	641	30-Sep-03	28-Jul-11	Elster	2329601	B
72	NuPower Renewables Ltd.,	0.750	641	30-Sep-03	28-Jul-11	Elster	2329601	B
73	NuPower Renewables Ltd.,	0.750	641	30-Sep-03	28-Jul-11	Elster	2329601	B
74	NuPower Renewables Ltd.,	0.750	641	30-Sep-03	28-Jul-11	Elster	2329601	B
75	NuPower Renewables Ltd.,	0.750	641	30-Sep-03	28-Jul-11	Elster	2329601	B
76	NuPower Renewables Ltd.,	0.750	642	30-Sep-03	28-Jul-11	Elster	4955072	B
77	Dharanii Cotton Mills Pvt. Ltd.,	0.230	290	26-Sep-03	12-Jul-12	Wallaby	HT02120415	C
78	Clarion Wind Farm Pvt. Ltd.,	1.250	862	12-Aug-04	29-Feb-12	Wallaby	208320346	A
79	Clarion Wind Farm Pvt. Ltd.,	1.250	888	02-Sep-04	29-Feb-12	Wallaby	208320348	A
80	Clarion Wind Farm Pvt. Ltd.,	1.250	889	02-Sep-04	29-Feb-12	Wallaby	208320347	A
81	Clarion Wind Farm Pvt. Ltd.,	1.250	890	02-Sep-04	29-Feb-12	Wallaby	208320349	A
82	SRG Apparels Private Ltd.,	0.225	575	12-Sep-03	22-Sep-11	Wallaby	HT4110045	A
83	SRG Apparels Private Ltd.,	0.225	575	12-Sep-03	22-Sep-11	Wallaby	HT4110045	A
84	SRG Apparels Private Ltd.,	0.225	554	23-Jul-03	22-Sep-11	Wallaby	HT4110043	A
85	SRG Apparels Private Ltd.,	0.225	554	31-Mar-03	22-Sep-11	Wallaby	HT4110043	A

86	SRG Apparels Private Ltd.,	0.225	554	31-Mar-03	22-Sep-11	Wallaby	HT4110043	A
87	SRG Apparels Private Ltd.,	0.225	319	30-Sep-03	13-Oct-11	Wallaby	HT2110743	C
88	SRG Apparels Private Ltd.,	0.225	319	30-Sep-03	13-Oct-11	Wallaby	HT2110743	C
89	Alamelu Ammal Mills India Pvt. Ltd.,	0.600	63	28-Mar-07	26-Dec-11	Secure	TN902825	C
90	Sri Senthilandavar Cotton Mills Pvt. Ltd.,	0.750	519	29-Mar-03	24-May-13	Wallaby	5100043	B
91	Sri Venkataram Spinners Pvt. Ltd.,	1.650	1683	25-Mar-06	07-Jun-12	Premier	TNB 03411	B
92	Sugavaneswara Spinning Mills Pvt. Ltd.,	1.250	2273	29-Mar-07	19-Nov-11	Premier	TNB 02257	B
93	Super Spinning Mills Ltd.,	1.250	611	26-Sep-03	25-Mar-14	Wallaby	208320306	A
94	Suresh Textiles	0.250	613	06-Feb-07	17-May-14	Elster	4862857	C
95	T.E.S. Fathu Rabbani	0.225	447	27-Sep-02	11-Apr-11	L & T	593322	A
96	T.E.S. Naina Mohamed	0.225	754	29-Mar-04	15-Feb-12	Elster	4901466	A
97	The Prem Dyeing Works	0.500	336	31-Mar-05	28-Jun-12	Elster	4691116	C
98	The United Yarn Processors	0.500	1224	29-Mar-05	28-Dec-12	Wallaby	208320453	A
99	Thriveni Earth Movers Pvt. Ltd.,	0.225	1470	06-Sep-07	12-Mar-13	L & T	13192522	C
100	Unifront Driers	0.500	1715	29-Mar-06	22-May-14	Elster	4804460	A
101	Unifront Textiles Processors Pvt. Ltd.,	0.500	1763	30-Mar-06	05-Mar-13	Gawde	484611	A
102	V.R. Foundries	0.850	602	23-Dec-06	20-Jul-12	L & T	12092092	C
103	Veena Fabrics Pvt. Ltd.,	0.250	1257	28-Apr-06	28-Sep-11	Elster	5031970	C
104	Veena Fabrics Pvt. Ltd.,	0.250	1244	31-Mar-06	28-Sep-11	Wallaby	HT2110878	C
105	Vetal Hi-Tech Industries	0.250	201	12-Sep-03	10-Jul-12	Secure	TN900257	C

106	Vetal Textiles & Electronics Pvt. Ltd.,	0.250	200	12-Sep-03	10-Jul-12	Elster	2346023	C
107	Victus Dyeings	0.750	384	27-Mar-04	04-Feb-14	Elster	2345908	C
108	Vigneshkumar Spinning Mills Pvt. Ltd.,	0.350	2201	20-Mar-07	27-Apr-13	Elster	4865492	A
109	Vigneshkumar Spinning Mills Pvt. Ltd.,	0.350	1315	29-Sep-06	06-Aug-13	Elster	4862879	C

APPENDIX-2: Generation details

S.NO.	NAME OF THE MILLS / COMPANIES	CAPACITY in MW	HTSC. NO.	Electricity (MWh) in 2015	Electricity (MWh) upto March 2016
1	Anugragha Valve Castings Ltd	1.250	493	2,797.73	696.25
2	Arun Excello Urban Infrastructure Pvt. Ltd.,	0.225	546	448.09	110.89
3	Arun Excello Urban Infrastructure Pvt. Ltd.,	0.225	547	445.47	110.86
4	Arunachala Gounder Textile Mills Pvt. Ltd.,	0.600	490	952.85	241.39
5	Arunachala Gounder Textile Mills Pvt. Ltd.,	0.600	2496	1,213.81	302.41
6	Classic Spinning Mills Pvt. Ltd.,	0.225	245	332.85	82.59
7	Classic Spinning Mills Pvt. Ltd.,	0.225	245	330.48	81.68
8	Classic Spinning Mills Pvt. Ltd.,	0.225	245	331.92	82.30
9	Classic Spinning Mills Pvt. Ltd.,	0.225	245	332.76	82.49
10	Classic Spinning Mills Pvt. Ltd.,	0.225	245	321.13	80.42
11	Classic Spinning Mills Pvt. Ltd.,	0.500	192	892.73	218.38
12	Classic Spinning Mills Pvt. Ltd.,	0.500	105	865.68	213.78
13	Classic Wind Farms	0.225	189	333.67	82.00
14	Classic Wind Farms	0.225	189	326.54	81.72
15	Classic Wind Farms	0.500	193	845.20	210.79
16	Sowmiya Spinners (P) Ltd.,	0.500	107	867.95	216.15
17	Sowmiya Spinners (P) Ltd.,	0.500	106	876.58	217.09
18	Deffree Engineering (P) Ltd.,	0.800	1059	1,363.77	335.74
19	Dhanalakshmi Controls & Equipments	0.225	726	333.79	82.65
20	Frontier Processing Mills	0.500	1723	1,161.98	289.50
21	Jayakrishna Flour Mills Pvt. Ltd.,	0.225	477	455.54	113.20
22	Jayakrishna Flour Mills Pvt. Ltd.,	0.225	518	440.82	109.86
23	Jayakrishna Flour Mills Pvt. Ltd.,	0.225	623	446.89	111.56

24	Jayakrishna Flour Mills Pvt. Ltd.,	0.225	781	450.72	112.33
25	Jayakrishna Flour Mills Pvt. Ltd.,	0.225	782	456.61	113.06
26	Jayakrishna Excell Energy Pvt. Ltd.,	0.225	1463	442.85	110.70
27	Jayakrishna Excell Energy Pvt. Ltd.,	0.225	1769	455.08	111.41
28	K.G. Entertainment Company (P) Ltd.,	0.350	1328	376.71	94.04
29	Kaleesuwari Refinery Pvt. Ltd.,	0.500	609	1,170.68	290.38
30	Kaleesuwari Refinery Pvt. Ltd.,	0.600	603	1,211.87	301.78
31	Lakshmi Narayan Govrishankar Enterpriser Prt. Ltd.,	0.500	458	872.52	215.58
32	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	544	311.41	77.51
33	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	545	319.20	79.47
34	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	546	318.03	79.37
35	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	547	323.22	80.86
36	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	187	329.33	80.06
37	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	187	316.87	79.02
38	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	187	317.75	80.05
39	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	194	324.40	80.77
40	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	195	318.60	79.53
41	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	343	323.26	79.45
42	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.250	344	335.51	82.54
43	Lakshminarayan Gourishanker Enterprises Pvt. Ltd.,	0.500	415	849.57	213.74
44	Lotus Agency	0.750	1956	1,170.90	289.12
45	Mahaveers Saree Pvt. Ltd.,	0.800	1063	1,379.37	342.89
46	Poombukar Process	0.225	592	335.20	83.39
47	Poomer Hosieries	0.225	984	321.37	79.61
48	Ferocast Foundries Coimbatore Pvt. Ltd.,	0.230	281	316.55	79.62
49	Prime Tex	0.225	574	455.88	112.16
50	Prime Tex	0.225	574	446.64	111.63
51	Prime Tex	0.225	552	439.93	109.54
52	Prime Tex	0.225	552	453.44	111.55
53	Prime Tex	0.225	552	441.79	110.68
54	Prime Tex	0.225	320	336.95	82.10
55	Prime Tex	0.225	318	324.66	80.36
56	Rangasayee Alloy Castings	0.230	407	328.94	81.44
57	Rangasayee Alloy Castings	0.350	1203	390.92	98.79
58	S.N.Q.S. International	0.330	1180	383.86	96.24
59	S.S.K. Textiles	0.600	58	992.89	247.05
60	S.S.K. Textiles	0.250	446	321.46	78.72
61	Santhi Castings Works	0.500	608	1,155.13	287.38
62	Seyad Home Industries Pvt. Ltd.,	0.500	607	1,196.90	293.42
63	Seyad Shariat Finance Ltd.,	0.225	645	451.25	110.93
64	Seyadu Beedi Company	0.500	417	1,164.36	287.32

65	Shanmugapriya Textiles Pvt. Ltd.,	0.750	536	1,410.69	348.11
66	NuPower Renewables Ltd.,	1.250	584	2,758.80	685.86
67	NuPower Renewables Ltd.,	1.250	585	2,770.67	685.43
68	NuPower Renewables Ltd.,	1.250	586	2,825.61	697.43
69	NuPower Renewables Ltd.,	0.750	640	1,164.65	293.27
70	NuPower Renewables Ltd.,	0.750	641	1,158.48	285.80
71	NuPower Renewables Ltd.,	0.750	641	1,164.86	291.48
72	NuPower Renewables Ltd.,	0.750	641	1,181.24	290.55
73	NuPower Renewables Ltd.,	0.750	641	1,140.05	283.08
74	NuPower Renewables Ltd.,	0.750	641	1,187.81	293.52
75	NuPower Renewables Ltd.,	0.750	641	1,175.23	288.36
76	NuPower Renewables Ltd.,	0.750	642	1,154.34	289.73
77	Dharanii Cotton Mills Pvt. Ltd.,	0.230	290	324.10	79.93
78	Clarion Wind Farm Pvt. Ltd.,	1.250	862	2,802.15	686.12
79	Clarion Wind Farm Pvt. Ltd.,	1.250	888	2,809.28	696.18
80	Clarion Wind Farm Pvt. Ltd.,	1.250	889	2,726.29	681.23
81	Clarion Wind Farm Pvt. Ltd.,	1.250	890	2,768.07	684.33
82	SRG Apparels Private Ltd.,	0.225	575	447.10	111.10
83	SRG Apparels Private Ltd.,	0.225	575	448.06	111.20
84	SRG Apparels Private Ltd.,	0.225	554	441.26	110.54
85	SRG Apparels Private Ltd.,	0.225	554	453.40	111.23
86	SRG Apparels Private Ltd.,	0.225	554	456.94	113.03
87	SRG Apparels Private Ltd.,	0.225	319	318.54	80.10
88	SRG Apparels Private Ltd.,	0.225	319	326.69	81.27
89	Alamelu Ammal Mills India Pvt. Ltd.,	0.600	63	978.93	243.10
90	Sri Senthilandavar Cotton Mills Pvt. Ltd.,	0.750	519	1,170.71	289.43
91	Sri Venkataram Spinners Pvt. Ltd.,	1.650	1683	3,249.28	795.12
92	Sugavaneswara Spinning Mills Pvt. Ltd.,	1.250	2273	2,215.32	551.31
93	Super Spinning Mills Ltd.,	1.250	611	2,687.17	674.09
94	Suresh Textiles	0.250	613	310.85	77.43
95	T.E.S. Fathu Rabbani	0.225	447	456.46	112.35
96	T.E.S. Naina Mohamed	0.225	754	453.68	111.64
97	The Prem Dyeing Works	0.500	336	860.47	213.90
98	The United Yarn Processors	0.500	1224	1,164.42	289.80
99	Thriveni Earth Movers Pvt. Ltd.,	0.225	1470	322.11	80.20
100	Unifront Driers	0.500	1715	1,191.43	293.00
101	Unifront Textiles Processors Pvt. Ltd.,	0.500	1763	1,168.84	292.09
102	V.R. Foundries	0.850	602	1,513.67	372.23
103	Veena Fabrics Pvt. Ltd.,	0.250	1257	326.24	80.50
104	Veena Fabrics Pvt. Ltd.,	0.250	1244	314.59	78.45
105	Vetal Hi-Tech Industries	0.250	201	314.17	79.34

106	Vetal Textiles & Electronics Pvt. Ltd.,	0.250	200	316.07	79.12
107	Victus Dyeings	0.750	384	1,123.77	280.57
108	Vigneshkumar Spinning Mills Pvt. Ltd.,	0.350	2201	541.75	135.34
109	Vigneshkumar Spinning Mills Pvt. Ltd.,	0.350	1315	380.79	95.56