VOLUNTARY CARBON STANDARD 2007.1

VERIFICATION REPORT

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

Monitoring Period: 2006-04-01 to 2008-12-31

(incl. both days)

Report No: 53802108 - 08/659

Date: 2010-11-05

TÜV NORD CERT GmbH
JI/CDM Certification Program
Langemarckstraße, 20
45141 Essen, Germany
Phone: +49-201-825-3335
Fax: +49-201-825-3290
www.tuev-nord.de
www.global-warming.de

Name of Verification company:	Date of the issue:
TÜV NORD CERT GmbH	2010-11-05
Report Title:	**Approved by:**
Bundled Wind power project in Tamil Nadu, India, co-ordinated by Tamil Nadu Spinning Mills Association (TASMA-II)	Mr. Winter Rainer
Client:	**Project Title:**
M/s. Tamilnadu Spinning Mills Association.	Bundled Wind power project in Tamil Nadu, India, co-ordinated by Tamil Nadu Spinning Mills Association (TASMA-II)

Summary:

M/s.Tamilnadu Spinning Mills Association has commissioned the TÜV NORD JI / CDM Certification Program to carry out the verification of the Project "Bundled Wind power project in Tamil Nadu, India, co-ordinated by Tamil Nadu Spinning Mills Association (TASMA-II)" in Tamilnadu, India with regard to the requirements of VCS 2007.1 Standard.

The project activity is generation of electricity by Wind Turbine Generators generating electricity which displaces electricity generated in the Southern grid of India, thus achieves GHG emission reduction.

Reporting period:From 2006-04-01 to 2008-12-31(incl. both days)

In the course of the verification 5 Corrective Action Requests (CARs), 3 Clarification Requests (CLs) were raised and successfully closed out.

The verification is based on the validated VCS PD, Monitoring Report, revised monitoring report, and the monitoring plan as set out in the validated PD, the validation report, emission reduction calculation spreadsheet and supporting documents made available to the TÜV NORD JI/CDM CP by the project participant.

As the result of the 1st periodic verification, the verifier confirms that the GHG emission reductions are calculated without material mis-statements in a conservative and appropriate manner. TÜV NORD JI/CDM CP herewith confirms that the project has achieved emission reductions in the above mentioned reporting period as follows:

Emission reductions : 2144076 tCO2 equivalents

Work carried out by:	Number of pages:
Mr. Ma. Paa.Puratchikkanal Mr. B.J.M Amarnath Mr.S.Stalin Mr.N.Premjit Singh Ms.A.Kirthika Mr.G.Ezhilarasu	92

Abbreviations

CAR	Corrective Action Request
CDM	Clean Development Mechanism
CL	Clarification Request
CO_2	Carbon dioxide
CO_2e	Carbon dioxide equivalent
CP	Certification Program
DNA	Designated National Authority
EB	CDM Executive Board
EIA	Environmental Impact Assessment
ER	Emission Reduction
FAR	Forward Action Request
GHG	Greenhouse gas(es)
GWP	Global Warming Potential
IPCC	Intergovernmental Panel on Climate Change
MP	Monitoring Plan
MR	Monitoring Report
QC/QA	Quality control/Quality assurance
TASMA	Tamil Nadu Spinning Mill Association
TNEB	Tamil Nadu Electricity Board.
UNFCCC	United Nations Framework Convention on Climate Change
VCS	Voluntary Carbon Standard
VCS - PD	VCS - Project Description
VCU	Voluntary Carbon Unit
VVM	Validation and Verification Manual

Table of Contents *Page*

1 INTRODUCTION

The M/s. Tamilnadu Spinning Mills Association has commissioned the TÜV NORD JI/CDM Certification Program to carry out the verification of the project:

"Bundled Wind power project in Tamil Nadu, India, co-ordinated by Tamil Nadu Spinning Mills Association (TASMA-II)"

with regard to the relevant requirements of the Voluntary Carbon Standard 2007.1[/VCS/]. The verifiers have reviewed the implementation of the monitoring plan (MP) in the registered VCS project for the monitoring period 2006-04-01 to 2008-12-31, (both days inclusive).

The applied monitoring methodology is in accordance with ACM0002 "Consolidated Baseline Methodology for grid connected electricity generation from renewable sources", Version 10.

1.1 Objective

The purpose of this verification, by independent checking of objective evidence, is as follows:

- to verify that the project is implemented as described in the project design document;
- to assess the implementation of the monitoring plan (MP) content in the VCS-PD;
- to assess the project's compliance with other relevant rules, including the host country (India) legislation;
- to confirm that the monitoring system is implemented and fully functional to generate voluntary emission reductions (VERs / VCUs) without any double counting; and
- to establish that the data reported are accurate, complete, consistent, transparent and free of material error or omission by checking the monitoring records and the emissions reduction calculation.

1.2 Scope and Criteria

The verification of this project is based on the validated project design document /VCS-PD/, the monitoring report/MR/, emission reduction calculation spread sheet/XLS/, supporting documents made available to the verifier and information collected through performing interviews and during the on-site assessment. Furthermore publicly available information was considered as far as available and required.

The TÜV NORD JI/CDM CP has employed a risk-based approach in the verification, focusing on the identification of significant risks and reliability of project monitoring and generation of emission reductions.

1.3 VCS Project Description

1.3.1 Project Characteristics

Essential data of the project is presented in the following Table 1-1.

Table 1-1: Project Characteristics

Item	Data			
Project title	Bundled Wind power project in Tamil Nadu, India, co-ordinated by Tamil Nadu Spinning Mills Association (TASMA-II)			
Project owner	Tamilnadu Spinning Mills Association			
Any specific project categories	☐ Mega project (> 10^6 t CO_{2eq} / a) ☒ Project (> 5000 t CO_{2eq} / a and >10^6 t CO_{2eq} / a) ☐ AFOLU project ☐ Grouped project ☐ No specific project category			
VCS PD dated	Draft:	2009-06-07	Final:	2009-07-07
Applied Methodology	ACM 0002 “Consolidated Baseline Methodology for grid connected electricity generation from renewable sources” -Version 10			
Project starting date	2004-10-31			
Crediting period	Crediting Period (10y)			
Start of crediting period	2006-04-01			

1.3.2 Project Location

The details of the project location are given in table 1-2:

Table 1-2: Project Location

No.	Project Location
Host Country	India
Region:	Tamilnadu.
Project location address:	Coimbatore,Tirunelveli and Kanyakumari Districts
Latitude:	As per the Validated PD
Longitude:	As per the Validated PD

1.3.3 Technical Project Description

The project activity involves supply, erection, and commissioning and operation 812 nos. of Wind Turbine Generators (WTGs) of different capacities varying from 225kW to 1.65 MW, aggregating to a total installed capacity of 460.18 MW. The project activity comprises generation of electricity using renewable energy based on wind power and its supply to the Southern grid. It hence displaces the electricity which would have otherwise been generated from the power plants connected to the grid. The electricity thus generated from the above wind turbines is being sold to the grid and wheeling to their industrial units under power purchase/wheeling agreement with Tamil Nadu Electricity Board.The project activity is in operation since commissioning period and is located at Kanyakumari, Tirunelveli and Coimbatore districts of Tamil Nadu.The emission reduction is based on net electricity exported to TNEB in the southern regional grid from the project activity. The validated ex-ante emission factor (0.92694742 tCO_{2e}/MWh) is in accordance with ACM0002[/ACM0002/] version 10 which refers “Tool to calculate emission grid emission 1.1”. The value has been sourced from the carbon dioxide database (CEA Version 4). The net electricity exported from WTG’s is calculated based on the difference between the total electricity exported to the grid from the project activity and the total electricity imported from the grid to the project activity.

The key parameters of the project are given in Table 1-3:

Table 1-3a: Technical data of the project

NEPC-225KW

Cut in Wind Speed	4 m/s
Rated Wind Speed	15 m/s
Cut Out Wind Speed	25 m/s
Tip Speed	56.5 m/s
Hub Height	45 m
Survival Wind Speed	60 m/s at 2 sec. gust
Rotor revolutions	37.5/25 RPM
Nacelle tilt angle	5
Regulation	Stall
Gearbox	
Make	Kirloskar / Elecon

Gear ratio	1:40
No. of steps	2
Generator	
Type	Asynchronous,three phase
Rotation Speed	1500/1000, 4/6 pole
Rated Output	225/40 KW
Rated Voltage	400V
Frequency	50Hz
Tower	
Height	43.7 M, 24 edged steel plate
Material	Spray galvanized steel plate
Sections	6
Assembling	Each section bolted together longitudinal. 6 section are bolted together by lashes

Southern Wind Farms Ltd: CWEL: 225KW

Nominal Power	225 KW
Power limitation	Stall
Start up, wind speed	3 m/s
Cut-in, wind speed	4 m/s
Cut-out, wind speed	25 m/s
Hub Height	31.5/41.5/50 m
Rotor speed	37.5 RPM
YAW SYSTEM	
Type	Electrical yaw gear with friction brakes
Yaw Drives	2Ele, Motors, Combined Planetary and parallel gears
Control	Wind vane
ROTOR	
No. of blades	3
Blade type	LM 13.4
Rotor diameter	29.2 m

Swept area	670 m^2
WIND TURBINE CONTROLLER	
Type	Microprocessor
Power factor	Cos phi>0.95
Gearbox	
Type	3 Step, helical
Ratio	1:39.4q
Lubrication	Forced
Oil volume	80L
Other	Out door, gear control, Thyristors Wind speed and direction
Generator	
Type	4/6 Pole asynchronous
Nominal power	225kW
Voltage	415 V
RMP	1512/1012
Protection	IP 55
BREAK SYSTEM	
Mechanical brake	Dices brakes
Position	High-speed shaft
Aerodynamic brake	Turnable blade tips(Hydraulic)

VESTAS RRB:225KW

Description	Specifications
Tower height	50 m
Rotor diameter	47 m
Installed electrical output	200kW
Cut-in wind speed	4 m/s
Rated wind speed	12.5 m/s
Cut-out wind speed	25 m/s
Rotor swept area	1735 m2
Rotor speed	26 rpm

Regulation	Pitch
Generator	Single wound asynchronous
Rated output	500 kW
Revolution	1527 rpm
Operating voltage	690 V
Frequency	50 Hz
Protection	IP55
Insulation class	F
Gear box	Planetary-helical
Manufacturer	Vestas
Gear ratio	1:58
Type of cooling	Splash lubrication
Yaw drive system	Slewing system with gear motors yawing
Aerodynamic break	Full feathering of break
Mechanical break	Disc break
Control unit	Microprocessor based

Technical and Operational Data of Enercon E-30 (230 KW) Make:

Rated output 300 KW (older plants 230 KW)
Rotor diameter 30 m
Hub height to 50 m
Switching on wind velocity 2,5m/s
Switching off wind velocity 28-34m/s

Chiranjeevi Wind Energy Ltd.:225KW

Cut in Wind Speed	4 m/s
Rated Wind Speed	15 m/s
Cut Out Wind Speed	25 m/s
Tip Speed	56.5 m/s
Hub Height	45 m
Survival Wind Speed	60 m/s at 2 sec. gust
Rotor revolutions	37.5/25 RPM

Nacelle tilt angle	5
Regulation	Stall
Weight	
Gearbox	
Make	Kirloskar / Elecon
Gear ratio	1:40
No. of steps	2
Generator	
Make	Kirloskar / Auto parts / Crompton Greeves / Jyothi
Type	Asynchronous,three phase
Rotation Speed	1500/1000, 4/6 pole
Rated Output	225
Rated Voltage	400V
Frequency	50Hz
Tower	
Height	43.7 M, 24 edged steel plate
Material	Spray galvanized steel plate
Sections	6
Assembling	Each section bolted together longitudinal. 6 section are bolted together by lashes

Pioneer Wincon 250 KW

GENERAL Data	
Rated Power	250 kW
Power Regulation	Stall
Cut-in, wind speed	3 m/s
Rated power, wind speed	15 m/s
Cut-out, wind speed	25 m/s
Hub Height	50 m
Rotor speed	38.5 RPM

YAW SYSTEM	
Type	Ball bearing
Yaw brakes	Electrical motors and permanent friction brakes
Yaw Drives	2 electrical motors, planetary-worm gears
Control	Wind vane
ROTOR	
No. of blades	3
Blade type	LM 13.4
Rotor diameter	29 m
Swept area	660.2 m2
Gearbox	
Type	3 Step, helical
Ratio	01:39.5
Lubrication	Splashed
Oil volume	87 ltrs
Generator	
Type	6 pole/4 pole asynchronous
Rated power	60kW/250 kW(Dual)
Voltage	415 V
RMP	1000/1500
Protection class	IP 55
Slip	1%
BREAK SYSTEM	
Mechanical brake	Dices brakes
Position	High-speed shaft
Aerodynamic brake	Pivotable blade tips

Technical and Operational Data of Shriram EPC (250 KW):

Rotor:	
Diameter	28.5 m
Area of swept circle	638 m2

Speed (rated) High / low	39.8 / 26.5 rpm
Speed (max.)	46 rpm
Shaft inclination	6 deg
Alignment	Upwind
Rotor blades:	
Material	GRP
No. Of blades	3
Weight of blade	750 kg each
Gear:	
Type	Planetary gear
Ratio	1:38.16
Generator:	
Type	Asynchronous
Pole changing	6 / 4
Rated output	80 / 250 KW
Speeds	1000 / 1500 rpm
Main voltage	400 V
Frequency	50 Hz
Yawing system:	
This system consists of	Wind vane
Rotating mechanism and gearing with a ratio of 1 and braking and retaining with 2 brake callipers	1000
Braking system:	
Operating system	Electrical by throsoft - regulation
Mechanical brakes:	
Brake disc (slow speed side) 2 brake callipers	spring-actuated, hydraulically released
Brake disc (high speed side) 1 brake caliper	spring-actuated, hydraulically released
Performance data:	
Rotor output	205 KW
Rated wind speed	14 m/s

Cut-in wind speed	3 m/s
Cut-out wind speed	23 m/s
Max. Coefficient of performance	Cp max. = 0.44
Tower - Lattice tower:	
Construction	Bolted
Corrosion protection	Galvanized
Height of tower	40 M
Hub height	41.2
Accessible from inside up to the Nacelle by ladder	

Enercon :330KW

Rated power:	330 kW
Rotor diameter:	33.4 m
Hub height:	37 - 50 m
Wind class (IEC):	IEC/NVN I and IEC/NVN II (depending on hub height)
Turbine concept:	Gearless, variable speed, variable pitch control
Rotor	
Type:	Upwind rotor with active pitch control
Direction of rotation:	Clockwise
Number of blades:	3
Swept area:	876 m2
Blade material:	Fibreglass (epoxy resin); integrated lightning protection
Rotational speed:	Variable, 18 - 45 rpm
Pitch control:	ENERCON blade pitch system, one independent pitching system per rotor blade with allocated emergency supply
Drive train with generator	
Hub:	Rigid
Main bearings:	Single-row cylindrical roller bearings

Generator:	ENERCON direct-drive synchronous annular generator
Grid feeding:	ENERCON converter
Braking systems:	- 3 independent blade pitch systems with emergency supply - Rotor brake - Rotor lock
Yaw control:	Active via adjustment gears, load-dependent damping
Cut-out wind speed:	28 - 34 m/s (with ENERCON storm control)
Remote monitoring:	ENERCON SCADA

Suzlon 350KW

Rotor Diameter	33.4 m
Hub Height	50/60/70 m
Installed Electrical Output	350 KW
Cut – in Wind Speed	3.5 m/s
Rated Wind Speed	14 m/s
Cut – out Wind Speed	25 m/s
Survival Wind Speed	67 m/s
Rotor Blade	LM 15.4 NACA 63.2 XX
Swept Area	876.13 m^2
Rotational Speed	24/32 rpm
Rotor Material	Glass Fibre Reinforced Plastic
Regulation	Stall – Regulated
Generator	Asynchronous Generator, 8/6 Pole
Rated Output	100/350 KW
Rotational Speed	756/1006 rpm
Frequency	50 Hz
Gear Box	Integrated 3 Stage Helical Spur Splash Lubricated
Gear Ratio	31.5:1
Type of Cooling	Oil Cooling System
Yaw Drive System	2 Active Electrical Yaw Motors
Yaw Bearing	Polyamide Slide Bearings

Aerodynamic Break	Hydraulic Control of the Blade Tip
Electrical Break	Spring Applied Hydraulically Released Disc Break
Mechanical Break	Centrifugally Operated Hydraulic Value
Control Unit	Microprocessor Based; Indicating Actual Operation Conditions;
	Remote Control Option
Tower	Freestanding, Lattice Tower; Hot Dip Galvanized
Erection	With Crane

Vestas RRB 500KW

Description	Specifications
Tower height	50 m
Rotor diameter	47 m
Installed electrical output	500 kW
Cut-in wind speed	4 m/s
Rated wind speed	12.5 m/s
Cut-out wind speed	25 m/s
Rotor swept area	1735 m2
Rotor speed	26 rpm
Regulation	Pitch
Generator	Single wound asynchronous
Rated output	500 kW
Revolution	1527 rpm
Operating voltage	690 V
Frequency	50 Hz
Protection	IP55
Insulation class	F
Gear box	Planetary-helical
Manufacturer	Vestas
Gear ratio	1:58
Type of cooling	Splash lubrication
Yaw drive system	Slewing system with gear motors

	yawing
Aerodynamic break	Full feathering of break
Mechanical break	Disc break
Control unit	Microprocessor based

Enercon E44/600KW

Rated power:	600 kW
Rotor diameter:	44 m
Hub height:	50 m
Wind class (IEC):	IEC/NVN I and IEC/NVN II (depending on hub height)
Turbine concept:	Gearless, variable speed, variable pitch control
Rotor	
Type:	Upwind rotor with active pitch control
Direction of rotation:	Clockwise
Number of blades:	3
Swept area:	876 m2
Blade material:	Fibreglass (epoxy resin); integrated lightning protection
Rotational speed:	Variable, 18 - 45 rpm
Pitch control:	ENERCON blade pitch system, one independent pitching system per rotor blade with allocated emergency supply
Drive train with generator	
Hub:	Rigid
Main bearings:	Single-row cylindrical roller bearings
Generator:	ENERCON direct-drive synchronous annular generator
Grid feeding:	ENERCON converter
Braking systems:	3 independent blade pitch systems with emergency supply Rotor brake -Rotor lock
Yaw control:	Active via adjustment gears, load-dependent damping

Cut-out wind speed:	28 - 34 m/s (with ENERCON storm control)
Remote monitoring:	ENERCON SCADA

Suzlon 600KW

1	Cut In Wind Speed	3.5m/s
2	Cut out wind speed	25m/s
3	Hub Height	75m
4	Gearbox Type	Integrated 3 stage 1 planetary & 2 Helical
5	Gear Ratio	1:63.633
6	Rated Power Output	600KW
7	Tower Type	Free standing, lattice tower, hot dip galvanized
8	Tower Height	75m
9	No of blades	3
10	Rotor Diameter	52m
11	Brake System	Aerodynamic
12	Manufacturer	Suzlon Energy Limited

VESTAS RRB 600KW

ROTOR		
1.	Diameter	47 meter
2.	No. of Rotor Blade	3
3.	Orientation	Upwind/Horizontal Axis
4.	Rotational Speed	26.2 RPM
5.	Rotational direction	Clock Wise
6.	Swept Area	1735 m2
7.	Hub Height	75 meter
OPERATIONAL DATA		
8.	Cut in Wind Speed	4 meter/sec
9.	Survival Wind Speed	70meter/sec
10.	Cut out Wind Speed	25 meter/sec

11.	Tip Speed	64 meter/sec
12.	Nacelle tilt angle	50
GEAR BOX		
13.	Gearbox	Planetary/Helical
14.	Gear Ratio	01:58.2
15.	No of steps	3
GENERATOR		
16.	Generator	Single Wound Asynchronous
17.	Rotational Speed	1527 RPM
18.	Rated Output	600 KW
19.	Rated Voltage	690 V
20.	Frequency	50 Hz
Brake System		
21.	Aerodynamic Brake	Full feathering of blade
22.	Mechanical	Disc Brake
23.	Yaw System	Slewing system with gear motors yawing
TOWER		
24.	Type	Lattice
25.	Height (Optional)	48.1m
26.	Material	Steel
27.	Sections	6/9

NEG MICON/VESTAS :750KW

Operational Data	
Nominal Output	750 KW
Power Regulation	Stall
Cut-In Speed	4 m/s
Cut-Out Speed	25 m/s
Rotor	
Rotor Diameter	48.2 m
Rotor Swept Area	1824 cm^2

Number of Blades	3 Numbers
Brake System	
Blade Tip Air Brake	Hydraulic, fail safe
Disc Brake	Hydraulic
Drive Train	
Gear Type	Planetary – parallel axle
Ratio	1:67.5 – 50 Hz
Main Shaft	High Quality forged shaft
Main Bearing	Spherical roller bearing
Cooling	Closed Circuit liquid cooling
Generator	
Type	Asynchronous
Nominal Voltage	690 V
Nominal Frequency	50 Hz
Name Plate Rating	750 / 200 KW
Cooling	Closed Circuit Liquid Cooling
Yaw	
Type	Ball Bearing
Drive Mechanism	4 Electrical Planetary Gears
Tower	
Type	Conical, Steel, PU Painted
Hub Height	According to type approvals
Controller	
Type	Computer Controlling
Capacitor Bank	No Load Compensated

NEPC 750KW:

Model	units	NM48 / 750
Rotor Diameter	M	48
Hub Height	M	55
Installed output	kW	750
Cut-in wind speed	m/s	3

Rated Wind speed	m/s	14
Cut-out Wind speed	m/s	25
Rotor		
Swept area	M2	1824
Generator		
Type		Asynchronous
Rated including Pumping systems with VFDs output	kW	750
Rotational Speed	rpm	25
Frequency	Hz	50

Enercon 800KW

Model	E – 48
Rated Capacity	800 KW
Rotor Diameter	48 m
Hub Height	56.85 m and 74.85 m
Rotor with Pitch Control 800kw	
Type	Upwind rotor with active pitch control
Direction of Rotation	Clockwise
Number of Blades	3
Length of Blades	20.7 m
Swept Area	1810 m^2
Blade material	Fiber glass (Reinforced epoxy) with integral lightning protection
Rotor Speed	Variable, 16 – 31.5 rpm
Tip Speed	41 – 78 m/s
Pitch Control	Three synchronized blade pitch system with battery back - up
Generator	Synchronous
Hub	Rigid
Bearings	Tapered roller bearings

Grid Feeding	AC – DC – AC through converter – Inverter
Braking System	3 independent aero brakes with emergency back up supply
Yaw Control	Active through adjustment gears, friction damping
Cut - in Wind Speed	2 m/s
Rated Wind Speed	14 m/s
Tower	Steel Tubular / Concrete

Pioneer Asia Wind Turbine 850KW:

Sr. no.	**Item**	**Description**
1.	Model no.	G58
2.	Rating in KW	850
3.	Rotor diameter	58 m
4.	Rotor Swept area	2.642 m^2
5.	Type of tower	Tubular
6.	No of blades	3
7.	Voltage	690 V ac
8.	Frequency	50 Hz/ 60 Hz
9.	Protection class	IP 54
10.	Rotational speed	Rated 1.620 rpm
11.	Rated Stator Current	670 A @ 690 V
12.	Gearbox Type	1 planetary stage / 2 helical stages
13.	Length of the blade	28.3 m
14.	Total Blade weight	2,400 Kg
15.	Airfoils	NACA 63.XXX + FFA-W3

Suzlon 1250KW:

Model	S 66
Rated Capacity	1.25 MW

Hub Height	65 m
Orientation	Upwind/Horizontal axis
Cut in wind speed	3 m/s
Cut off wind speed	22 m/s
Rated wind speed	14 m/s
Survival wind speed	67 m/s
Gear Box Type	Integrated 3 stage 1 planetary & 2 helical
Generator	Asynchronous 4/6 pole
Tower Type	Lattice
No. of Blades	3
Rotor Diameter	66 m
Swept Area	3421 m2
Brake System	Aerodynamic
Mechanical	Hydraulic fail safe disc brake system
Yaw System	Active electrical yaw motors
Controls	Microprocessor control with graphic backlit LCD display indicating operation conditions.

Suzlon 1500KWModel	S 82
Rated Capacity	1.5 MW
Hub Height	80 m
Orientation	Upwind/Horizontal axis
Cut in wind speed	4 m/s
Cut off wind speed	20 m/s
Rated wind speed	12.5 m/s
Gear Box Type	Integrated 3 stage 1 planetary & 2 helical
Generator	Asynchronous 4 poles with slip rings
Tower Type	Tubular
No. of Blades	3
Rotor Diameter	82 m
Swept Area	5281 m2
Brake System	Aerodynamic
Mechanical	Spring powered Disc Brake
Yaw System	Active electrical yaw motors
Controls	Microprocessor control with graphic backlit LCD display indicating operation conditions.

VESTAS/NEG MICON 1650KW

Sl. No	Particulars	Specifications
1.	Cut in wind speed	3.5 m/s
2.	Cut out wind speed	20 m/s
3.	Hub Height	70m to 80m
4.	Regulation	Active Stall Pitch Regulation
5.	Gearbox Type	Planetary/Helical
6.	Gear ratio	1:70.28
7.	Rated power output	1650 kW
8.	Tower Type	Tubular
9.	Tower Height	78m
10.	No of blades	3
11.	Rotor Diameter	82m
12.	Brake system	Hydraulic

Table 1-3b: Capacity and number of WTGs

MAKE WISE DETAILS				
SL. NO	**MAKE**	**CAPACITY (KW)**	**NO.OF MACHINES**	**TOTAL CAPACITY (MW)**
1	NEPC	225	135	30.375
2	Southern Wind Farms Ltd.,	225	48	10.80
3	VESTAS RRB	225	13	2.925
4	ENERCON	230	5	1.15
5	Chiranjeevi Wind Energy Ltd.,	250	16	4.00
6	PIONEER WINCON	250	108	27.00
7	SRIRAM EPC LTD	250	21	5.25
8	ENERCON	330	11	3.63
9	SUZLON	350	46	16.10

MAKE WISE DETAILS				
SL. NO	**MAKE**	**CAPACITY (KW)**	**NO.OF MACHINES**	**TOTAL CAPACITY (MW)**
10	VESTAS RRB	500	97	48.50
11	ENERCON	600	18	10.80
12	SUZLON	600	4	2.40
13	VESTAS RRB	600	32	19.20
14	NEG MICON/VESTAS	750	68	51.00
15	NEPC	750	2	1.50
16	VESTAS	750	8	6.00
17	ENERCON	800	20	16.00
18	PIONEER ASIA WIND TURBINES	850	15	12.75
19	SUZLON	1250	120	150.00
20	SUZLON	1500	3	4.50
21	NEG MICON/VESTAS	1650	20	33.00
22	VESTAS	1650	2	3.30
	TOTAL		**812**	**460.18**

Table 1-3b: Parameters confirmed during verification

Name of the Project Promoter	**Capacity(KW)**	**HTSC.NO**	**Meter Serial No**
Adisankara Spinning Mills (P) Ltd	750	1285	4722034
Adisankara Spinning Mills (P) Ltd	750	1288	4725699
Alpine knits India Pvt. Ltd	250	359	4953981
Alpine knits India Pvt. Ltd	250	482	4721853
Alpine knits India Pvt. Ltd	250	589	4862863
Ambika Cotton Mills Ltd	800	1258	4804562
Ammarun Foundries	850	497	4725742
Ammarun Foundries	850	498	4726550

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Anand Hosieries	500	417	4681515
Anand Textiles	1250	322	4668083
Anand Textiles	1250	325	4681354
Anand Textiles	500	416	4681514
Angalakshmi Spinning Mills	500	1826	4804756
Angalaparameswari Textiles	250	529	4804691
Annai Power (P) Ltd	225	1303	4862800
Anugraha Valve Castings Ltd	1250	1182	4681466
Anugraha Valve Castings Ltd	1250	2193	4865479
Anugraha Valve Castings Ltd	1250	2221	4865216
Anugraha Valve Castings Ltd	350	1313	4862887
Armstrong Process	500	1261	2377903
Armstrong Spinning Mills (P) Ltd	500	1559	4881120
Armstrong Spinning Mills (P) Ltd	500	1636	4720150
Armstrong Spinning Mills (P) Ltd	500	2012	4862897
Arul & Co	225	1280	4901472
Arul Sakthi Wind Farm (P) Ltd	250	1222	4726603
Arul Sakthi Wind Farm (P) Ltd	250	1222	4726603
Arun Dye Chem	225	894	4719777
Arun Excello Urban Infrastructure Pvt. Ltd	225	2018	4865367
Arun Excello Urban Infrastructure Pvt. Ltd	225	2018	4865367
Arun Excello Urban Infrastructure Pvt. Ltd	225	2018	4865367
Arun Fabricators	225	2436	4862871

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Arvinth Hospital	250	241	4721864
Arvinth Hospital	250	89	4863736
AVE Maria Spinning Mills (P) Ltd	350	2167	4865451
AVR SS Builders	350	2385	4902005
AVR Swarna Mahal	600	92	4881157
AVR Swarna Mahal	1250	1980	4862790
B.K.S.Textiles Pvt Ltd.,	225	438	2350235
B.K.S.Textiles Pvt Ltd.,	225	594	2378022
Balavimothan Power Process (P) Ltd	250	1163	4726570
Balu Exports	750	406	2345911
Balu Exports	750	453	2350367
Balu Exports	750	590	2378017
Balu Exports	750	888	4698093
Balu Exports	750	889	4698111
Balu Exports	750	920	4698085
Best & Co	1250	865	4691515
Best & Co	1250	866	4863727
Best & Co	1250	867	4698140
Best & Co	1250	868	4681389
Best & Co	1250	869	4698143
Best & Co	1250	921	4719837
Best & Co	1250	922	4719835
Best & Co	1250	932	4719828
Best & Co	1250	930	4719830
Best & Co	1250	929	4719882
Best & Co	1250	928	4719762
Best & Co	1250	931	4719829
Best & Co	1250	933	4719881
Best & Co	1250	934	4804799
Best & Co	1250	927	4719836
Best & Co	1250	935	4691555

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Best & Co	1250	925	4719831
Best & Co	1250	926	4691500
Best & Co	1250	924	4719833
Best & Co	1250	923	4719832
Best Cotton Mills (P) Ltd	1250	1450	TNB02826
Best Heat Treatment Services	350	1383	4863719
Best International	1250	1350	4697442
Best International	1250	1353	2207136
Bhuvaneshwari Textiles (P) Ltd	500	527	4720136
Bhuvaneswari Cotspin India (P) Ltd	500	520	4804485
Bhuvaneswari Cotspin India (P) Ltd	500	521	4804484
Bhuvaneswari Cotspin India (P) Ltd	500	522	4804483
Bhuvaneswari Cotspin India (P) Ltd	600	537	4804486
Bhuvaneswari Cotspin India (P) Ltd	600	538	4804488
Bhuvaneswari Cotspin India (P) Ltd	600	539	4720137
BMM Paper Board (P) Ltd	750	770	2347466
Bright Castings	350	1371	4863721
Brindavan Cotton Mills (P) Ltd.,	1250	1372	4863644
Brindavan Cotton Mills (P) Ltd.,	750	398	4698095
Brindavan Cotton Mills (P) Ltd.,	750	400	2345917
C. Revathi	250	487	4722036
C.V.Spinners (P) Ltd	750	1095	4698081
Cheran Spinners Limited	1650	1490	4726543
Cheran Spinners Limited	750	2013	4862845

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Cheran Spinners Limited	750	2469	4892634
Cheran Spinning Mills (P) Ltd	1250	1970	4860850
Chiranjilal Spinners (P) Ltd	750	1686	4804523
Chola Spinning Mills Pvt. Ltd	750	2016	4863475
Chola Spinning Mills Pvt. Ltd	750	2017	4863472
Chola Textiles (P) Ltd	1250	1979	4862797
Classic Wind Farms	600	645	4881040
Classic Wind Farms	600	639	4862916
Classic Wind Farms	600	554	4804631
Classic Wind Farms	600	600	4862914
Classic Wind Farms	600	601	4862913
Color Chemicals	250	2060	4804515
Color Chemicals	250	2079	4862949
CR Mills (Coimbatore) Pvt Ltd.,	350	1204	4681557
D. Ganthimathi	250	452	469187
D. Parthiban	250	488	4722038
D.M. Kathir Anand	225	598	4862917
D.M. Kathir Anand	600	1491	4901340
D.M.R. Textiles	250	354	4681423
D.M.R. Textiles	250	355	4681424
Dev International	500	1595	4691271
Dev International	225	431	2347488
Dev International	225	431	2347488
Dev International	225	585	4862904
Dev International	250	674	4889941
Deventhira Spinners Pvt Ltd	500	669	TNB01252
Deventhira Spinners Pvt Ltd	500	996	2373885

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Deventhira Spinners Pvt Ltd	500	997	2373893
Divyalakshmi Mills Pvt Ltd	225	778	4691218
Divyalakshmi Mills Pvt Ltd	500	337	2345898
Divyalakshmi Mills Pvt Ltd	225	1297	4804629
Dixcy Textiles (P) Ltd	750	1413	4719944
Durgesh Nandhini Oil Mills Spinning Division	500	1792	4804521
Durgesh Nandhini Oil Mills Spinning Division	500	1794	4804461
Durgesh Nandhini Oil Mills Spinning Division	500	1795	4804448
Durgesh Nandhini Oil Mills Spinning Division	500	1786	4804452
Easwari Knitting Works	800	1250	4804373
Elgi Automotive Services Ltd.,	500	1474	4720068
Elgitread (India) Ltd	1500	1434	4881027
Enkay Enterprise	250	1435	4865552
Ess Kay Yarn Dyeings	250	1436	4865551
Eswari Creations	225	1281	4901437
Eveready Spinning Mills (P) Ltd	1250	1779	4725751
Excel Cotspin (India) (P) Ltd	1250	1713	4726519
Expofab	850	1508	4721930
Fab Colours	225	707	4725692
Fab-N-Fabrics	750	1085	2377956
Fab-N-Fabrics	750	1535	4725656
Fab-N-Fabrics	350	333	4890017
Ferro Links	1250	2178	4865481
Fisher Spinning Mills India (P) Ltd	1250	1848	4804721

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Fisher Spinning Mills India (P) Ltd	1250	1705	4725750
Fisher Spinning Mills India (P) Ltd	1250	1780	4726610
Fisher Spinning Mills India (P) Ltd	1250	1782	4804624
Fisher Spinning Mills India (P) Ltd	1250	1781	4726518
Fisher Spinning Mills India (P) Ltd	1250	1876	4804671
Forknits	750	404	2345912
Forknits	750	591	4720041
Frontline Chemicals	225	1299	4804578
Frontline Chemicals	225	1299	4804578
G.K.Wind Farms India (P) Ltd	250	632	4681480
G.R. Natarajan & Co.,	350	2165	4865450
G.R. Natarajan & Co.,	350	2411	4902004
G.R. Thanga Maligai (Firm)	600	836	4721825
G.R. Thanga Maligai (Firm)	600	1011	2377948
G.R. Thangamaligai Jewellers (P) Ltd.,	600	1010	4939550
G.R. Thangamaligai Pearl & Kundan Jewellery	500	383	2347246
G.R.Thanga Malligai	600	725	4940956
Gangai Garments	500	552	4804949
Gangai Garments	500	553	4804500
Gangotri Textiles Ltd	1650	1260	4721999
Gangotri Textiles Ltd	1650	1261	4804599
Gangotri Textiles Ltd	1650	1262	4722001
Gates Wears	250	1232	4804777
Global Polybags Industries (P) Ltd	1250	1369	4863697

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Global Polybags Industries (P) Ltd	1250	1454	4721887
Gomathi Spinning Mills India (P) Ltd	1250	2073	4726523
Gomuki Spinning Mills Pvt Ltd	225	978	4720024
Gomuki Spinning Mills Pvt Ltd	225	954	4720027
Gomuki Spinning Mills Pvt Ltd	225	1117	4726501
Gomuki Spinning Mills Pvt Ltd	225	1134	4804375
Gomuki Spinning Mills Pvt Ltd	225	1134	4804375
Gomuki Spinning Mills Pvt Ltd	225	1183	4804734
Gomuki Spinning Mills Pvt Ltd	225	1184	4804735
Gomuki Spinning Mills Pvt Ltd	225	1184	4804735
Gomuki Spinning Mills Pvt Ltd	225	1183	4804734
Gomuki Spinning Mills Pvt Ltd	225	1183	4804734
Gomuki Spinning Mills Pvt Ltd	225	1294	4862868
Goodluck Windfarms India (P)Ltd	225	1307	4902624
Goodwill Apparels	225	715	4691224
Goodwill Apparels	225	715	4691224
Goyal Ispat Ltd	600	814	2350307
Goyal Ispat Ltd	600	1095	2377926
Goyal Ispat Ltd	600	1096	2377933
GRT Hotels and Resorts Pvt Ltd.,	600	949	4931815
Guhan Textile Mills Pvt Ltd	1250	1336	4691255

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Guru Paper Mills (P) Ltd	750	1924	4804710
Hazel Mercantile Ltd	1250	1196	4726463
Hazel Mercantile Ltd	1250	1197	4804570
Hotel A.R.A.P Pvt Ltd	350	1316	4862882
Impact Fashions	225	1000	4720031
Impact Fashions	225	1087	4726488
Impact Fashions	225	1088	4691554
Jai Hind Spinning Mills Ltd	1250	938	4723068
Jain Hashmukh Pukhraj	330	1002	4721963
Jain Jindas Pukhraj	330	1001	4840549
Jain Mahendra Pukhraj	330	1189	4804363
Jansons Industries Ltd	1250	2211	4880990
Jayachandra Bearings (India) Pvt. Ltd	250	1164	4726635
Jeyavishnu Spintex (P) Ltd	500	1170	4720134
JVS Export	230	520	2377969
JVS Export	230	520	2377969
JVS Export	800	1735	4804606
JVS Export	800	1665	4804401
K. Paramasivam	225	2162	4865368
K. Seyad Abdul Kareem	225	1004	4668096
K. Yoosuf Meeran	225	1003	4668105
K.M.Knitwear	250	1231	4726497
K.M.Knitwear	250	1463	4892599
K.S. Kamalakannan	225	1158	4691319
K.S.R. Textile Mills (P) Ltd	800	1040	4720055
K.S.R. Textile Mills (P) Ltd	800	1040	4720055
K.T.V. Oil Mills	1650	1418	4721874
K.T.V. Oil Mills	1650	1419	4721881
K.T.V. Oil Mills	1650	1444	4720006

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
K.T.V. Oil Mills	1650	2429	4902011
K.T.V. Oil Mills	1650	2430	4902012
Kamachi Steels Ltd	600	1132	4681376
Kamachi Steels Ltd	600	1132	4681376
Kandagiri Spinning Mills Ltd	1250	1404	2329046
Kandagiri Spinning Mills Ltd	1250	1405	4737989
Kandagiri Spinning Mills Ltd	1250	2004	4862822
Kannammal	250	489	4865245
Karthi Rice Mill	350	334	4681357
Kaveri Bio Proteins (P) Ltd	225	1742	4804512
Kavery Textiles	225	1110	4865252
Kavin Hospital	225	1296	4691317
Kavitha Dyeings	225	707	4862930
Kavitha Dyeings	225	1278	4691345
Kavitha Dyeings	250	1877	TNB01282
Kayaar Exports (P) Ltd	1650	1292	4889964
Kesharinandan Knit Fabrics (P) Ltd.,	750	1519	4725662
Kesharinandan Knit Fabrics (P) Ltd.,	750	669	4681270
Kevi Textiles Clothing Company	250	1277	4804580
Kiwi Cottspin Mills (P) Ltd	750	1727	4804415
Kongarar Cotton & Synthetics Ltd	750	2246	4865225
Krishna Poly Packs (P) Ltd	750	1753	4804528
Krishna Poly Packs (P) Ltd	750	2120	4863825
Krishna Squeezer & Driyer Ltd	350	1391	4865387

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Kutti Spinners (P) Ltd.,	350	1644	4726618
Kutti Spinners (P) Ltd.,	1250	2220	4865237
L.G.Balakrishnan & Bros Ltd	850	615	4862954
L.G.Balakrishnan & Bros Ltd	500	1475	2373898
L.G.Balakrishnan & Bros Ltd	500	1476	4863710
L.K.Textiles (P) Ltd	600	699	4725713
L.K.Textiles (P) Ltd	330	827	4691259
Lakshmi Saraswathi Cotton Mills Pvt. Ltd	500	1432	4691285
Lakshmi Spinners	750	1096	4726471
Lawn Textile Mills (P) Ltd	225	1031	4719764
Lawn Textile Mills (P) Ltd	225	1031	4719764
Lawn Textile Mills (P) Ltd	225	1031	4719764
Lawn Textile Mills (P) Ltd	225	1031	4719764
Lawn Textile Mills (P) Ltd	225	1031	4719764
Leeds Spinning Mills Pvt. Ltd	250	1321	4804684
Leeds Spinning Mills Pvt. Ltd	250	1322	4804685
Leeds Spinning Mills Pvt. Ltd	250	1323	4804699
LGB Auto Products Ltd	500	1477	4721815
M. Ponnusamy	225	2111	TNB02290
M. Thiagarajan (Sree Meenakshisundaram Textiles)	750	1729	4804414
M.P. Creation	250	1293	4804689
M.R. Agency	250	358	4681419
M.R. Agency	250	1387	4863804
M.T.A. Mills (P) Ltd	350	2168	4865445
Magna Electro Castings Ltd	750	476	2369509

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Magna Electro Castings Ltd	1650	859	4698102
Mahalakshmi Textiles	225	725	4691226
Maharaja Modern Rice Mill	350	465	4719879
Mallow International	250	971	4719820
Mallow International	350	1097	4726774
Mallow International	350	1370	4863720
Mallur Siddeswara Spinning Mills (P) Ltd	1650	1682	4726594
Mani Spinning Mills (P) Ltd	1250	1703	4726531
Mani Spinning Mills (P) Ltd	1250	1704	4726532
Maple Overseas (P) Ltd	225	1878	4804506
Meera Textiles (P) Ltd	1250	1669	4804428
Metro Fabrics	225	1252	4691349
Mithun Wind Farms	225	1452	4889956
Moon Spinners Ltd	500	1599	4720141
Motley Wrenchyarn (P) Ltd	350	1379	TNB02333
Mountain Spinning Mills Ltd	500	1750	4720142
MSS Spinners Pvt Ltd	750	1752	4804523
Murugan Textiles	500	404	4698138
Murugan Textiles	500	540	4804638
Murugan Textiles	500	541	4804639
Muthu Export House	500	1583	4373897
Muthuraam Poly Spin	250	1175	4726509
Muthuraam Poly Spin	225	2383	4892627
Muthuraam Poly Spin	225	2383	4892627
N.R.U Spinning Mills Ltd	750	2127	4863832
N.S.P.Knitting Mills	500	1074	2373895
N.S.P.Knitting Mills	500	1105	2377851

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
N.S.P.Knitting Mills	500	331	4902028
N.S.P.Knitting Mills	500	330	2345896
N.S.P.Tex	750	875	4719856
Naga Limited	800	900	4719901
Naga Limited	800	899	4953996
Nanco Hosiery Mills	225	817	4691327
Nanco Hosiery Mills	225	817	4691327
Nandhi Spinning Mill (P) Ltd	250	1108	4726500
Neeraj Enterprises (P) Ltd.,	250	492	4722039
Nelsun Paper Mills Ltd	750	1539	4725736
NIF Wind Energy India Pvt Ltd	250	849	4691470
NIF Wind Energy India Pvt Ltd	250	848	4691463
Nilgiri Textiles Pvt Limited	800	1049	4725671
P. Mohan	225	2019	4862922
P. Palanivel	225	2143	4863827
P.K.P.Processors	250	530	4804592
P.S.K. Textiles India Pvt Ltd	250	2349	4880975
P.S.K. Textiles India Pvt Ltd	250	2349	4880975
P.S.K.Engineering Construction & Co	350	1776	4721888
Palaniappa Textiles (P) Ltd	750	1784	4804406
Pallava Textiles Ltd	750	1402	4720005
Pallava Textiles Ltd	750	2014	4862842
Pallipalayam Spinners (P) Ltd	750	1968	4681549
Pandian Textile Mills (P) Ltd	1250	1889	4726517
Parani Spinning Mills Pvt	1250	1334	4698109

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Ltd.,			
Pariyur Amman Spinning Mills Ltd	750	1910	4890001
Parvathy Dyeing	500	547	4804489
Pavai Alloys & Steels Pvt Ltd.,	330	1033	4721813
Pavathal Spinning Mills (P) Ltd	250	1474	4901323
Pioneer Woven Sacks (P) Ltd	225	351	4953976
Pioneer Woven Sacks (P) Ltd	225	525	4804739
Pioneer Woven Sacks (P) Ltd	225	525	4804739
Plant Lipids (P) Ltd	600	1577	4720153
Plant Lipids (P) Ltd	600	1578	4720145
Plant Lipids (P) Ltd	600	1579	4720156
Plant Lipids (P) Ltd	600	1580	4720143
Plant Lipids (P) Ltd	600	2064	4804835
Plant Lipids (P) Ltd	600	2035	4862899
Plant Lipids (P) Ltd	600	2036	4862900
Pon Pure Chem (P) Ltd	250	2034	4862818
Pon Pure Chem (P) Ltd	250	2077	4862821
Pon Pure Chem (P) Ltd	250	2078	4862819
Poppys Knitwear (P) Ltd	850	1452	4719929
Poppys Knitwear (P) Ltd	850	1751	4804351
Poppys Knitwear (P) Ltd	850	1806	4804350
Poppys Knitwear (P) Ltd	850	2350	4862960
Poppys Knitwear (P) Ltd	850	2351	4881076
Poppys Knitwear (P) Ltd	1250	2502	4901398
Poppys Knitwear (P) Ltd	850	576	4862852
Poppys Knitwear (P) Ltd	850	577	4862854
Poppys Knitwear (P) Ltd	850	578	4862853
Power Link System (P)	230	518	2377902

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Ltd			
Power Link System (P) Ltd	330	1157	4726491
Power Spinning Mills	225	839	4691537
Power Spinning Mills	225	839	4691537
Prabath Mills	500	622	4668119
Prabha Engineers	500	1793	4804519
Prabha Engineers	600	2213	4865411
Prabha Engineers	600	2214	4865417
Prabha Engineers	600	2283	4865409
Prabhu Spinning Mills (P) Ltd	1650	1284	4725698
Prabhu Spinning Mills (P) Ltd	1650	1159	4804600
Prachidhi Spinners Pvt Ltd	750	1074	4721928
Prachidhi Spinners Pvt Ltd	750	773	4691236
Prassanna Spinning Mills	250	478	4721845
Prassanna Spinning Mills	250	479	4721846
Prassanna Spinning Mills	250	480	4804696
Prassanna Spinning Mills	250	481	4721848
Praveen Seeds Pvt. Ltd.,	250	1109	4726505
Precision Equipments (Chennai) (P) Ltd	250	513	4725687
Precision Equipments (Chennai) (P) Ltd	250	514	4725686
Precision Machine & Auto Components (P) Ltd	250	512	4725685
Premdurai Spinning Mills (P) Ltd	600	556	4804632
Premdurai Spinning Mills	600	557	4804634

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
(P) Ltd			
Premdurai Spinning Mills (P) Ltd	600	558	4804633
Pressmatic Engineers	330	810	4691077
Prime Wind Energy Company	250	670	4881148
Purani Textiles Pvt Ltd	600	812	4863694
Pushpak Precision Industries Pvt Ltd	250	671	4881150
PVRSM Broilers & Hatcheries (P) Ltd	250	1798	4804436
PVRSM Broilers & Hatcheries (P) Ltd	250	1879	4804390
R.G. Selvarathi Coolie Mills	350	346	4668139
R.M.P. Farms	250	531	4804593
R.N. Polysacks (P) Ltd	225	655	2378020
Raghav Industries Ltd	1250	1645	4725748
Raju & Co	500	1309	4863704
Raju Spinning Mills (P) Ltd	1250	886	4804356
Raju Spinning Mills (P) Ltd	1250	887	2373903
Raju Spinning Mills (P) Ltd	1250	1941	4804683
Raju Spinning Mills (P) Ltd	1250	1942	4804716
Rakhava Impex	250	637	4681298
Rakhava Impex	250	724	4691078
Ran India Steels (P) Ltd	1250	1127	4681469
Ran India Steels (P) Ltd	1250	1149	4691072
Ran India Steels (P) Ltd	1250	1339	4698164
Ran India Steels (P) Ltd	1250	1368	4691501
Ran India Steels (P) Ltd	1250	1399	4725728
Ran India Steels (P) Ltd	1250	1421	4719977

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Rasi Seeds Pvt Ltd.,	1250	1400	4719842
Rasi Seeds Pvt Ltd.,	1250	1401	4719994
Rasi Seeds Pvt Ltd.,	1250	1403	4719990
Rasi Seeds Pvt Ltd.,	1250	1424	4719993
Rasi Seeds Pvt Ltd.,	1250	1433	4719867
Rasi Seeds Pvt Ltd.,	1250	1438	2260754
Rasi Seeds Pvt Ltd.,	1250	1456	4720059
Rasi Seeds Pvt Ltd.,	1250	1492	4719792
Rathnagiri Impex Pvt Ltd	750	1732	4804343
RBR Garments	225	541	2377981
RBR Garments	225	541	2377981
Rogini Mills	225	1185	4804479
Rogini Mills	225	1185	4804479
Rogini Mills	225	1185	4804479
Rogini Mills	225	1185	4804479
Rogini Mills	225	1185	4804479
Rogini Mills	225	1185	4804479
Rogini Mills	225	1186	4890021
Rogini Mills	225	1208	4804480
Rogini Mills	225	1345	4863672
Rogini Mills	225	1208	4804480
Rogini Mills	225	1318	4862866
Rogini Mills	225	1318	4862866
RRD Tex (P) Ltd	1250	1455	4681310
RRD Tex (P) Ltd	1250	1453	4719978
RRD Tex (P) Ltd	1250	1451	4691101
S. Balakrishnan	225	1238	4804736
S. Ganthimathi	250	486	4722035
S. Muthusamy	225	2145	4862824
S. Natarajan	225	2150	4865449
S.G. Associates	225	669	4865244
S.G. Associates	250	562	4726612

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
S.K. Nallusamy	250	1612	4804439
S.K.T. Textile Mills	350	2202	4865491
S.K.T. Textile Mills	350	1332	4862873
S.P. Apparels Ltd	800	1078	4721985
S.P. Apparels Ltd	800	1079	4725691
S.P. Apparels Ltd	330	1107	4726485
S.P. Apparels Ltd	330	1181	4726492
S.P. Superfine Cotton Mills (P) Ltd	1250	1658	4726533
S.P. Superfine Cotton Mills (P) Ltd	1250	1714	4804622
Sabari Exim (P) Ltd	600	1050	2377937
Sabari Exim (P) Ltd	600	1051	2377955
Sabari Jewellery	225	576	4668062
Sakthi Animal Feeds	250	1166	4726572
Sakthi Murugan Agro Foods Ltd	250	1173	4726555
Sakthi Murugan Agro Foods Ltd	250	1173	4726555
Sakthi Murugan Roller Flour Mills Ltd	250	1172	4726507
Sakthi Murugan Roller Flour Mills Ltd	250	1172	4726507
Sakthi Murugan Wind Farm (P) Ltd	250	1254	4726615
Sakthi Murugan Wind Farm (P) Ltd	250	1254	4726615
Sakthi Poultry Farm	225	2112	4863648
Sakthi Poultry Farm	225	2146	4865448
Sakthidaran Spintex Mills (P) Ltd	1250	1185	4681393
Sakthivelu Poly Pack	225	545	2377832
Salem Polypacks Ltd	225	2110	TNB02289
Samba Publishing Co.(P) Ltd	800	1734	4804400

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Sambandam Mills	600	698	2347478
Sambandam Spinning Mills Ltd	1250	1371	2216390
Sambandam Spinning Mills Ltd	1250	1382	4719760
Sambandam Spinning Mills Ltd	1250	1995	4862890
Sambandam Spinning Mills Ltd	1250	2022	4863463
Sambandam Spinning Mills Ltd	1250	2023	4863458
Sanjeevi Wind Mills	250	1174	4726508
Santha Spinning and Weaving Mills Pvt Ltd	1250	1346	4698163
Santhi Casting Works	500	894	4863701
Santhi Casting Works	500	1803	4804518
Santhi Casting Works	500	895	4725732
Santhosh Textile Process	600	660	4881043
Santhosh Textile Process	225	631	4804650
Santhosh Textile Process	225	632	4804547
Saradhambika Paper & Board Mills (P) Ltd	750	861	4681439
Saran Garments	850	1175	4691161
Saran Knit Wear	225	455	4691520
Scientific MES-Technik (P) Ltd	600	1857	4804649
Seethalakshmi Textiles	250	1168	4726556
Selvaganapathy Cotton Mills (P) Ltd	500	721	2350251
Selvaganapathy Cotton Mills (P) Ltd	500	1272	4691127
Selvam Traders	225	432	2350240
Selvam Traders	225	500	TNB 03143

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Selvam Traders	225	890	4719866
Selvi Spinning Mill	750	1594	4726579
Senbagam Textiles and Spinners	250	1271	4726573
Sengunthar Mills (P) Ltd	1250	1623	4804429
Seyad Cotton Mills Limited	500	1328	4681283
Seyad Cotton Mills Limited	500	1484	4720074
Seyad Cotton Mills Limited	500	1614	4720146
Seyad Home Industries Pvt Ltd	500	875	4880992
Seyad Home Industries Pvt Ltd	225	1155	TNB01264
Seyad Shariat Finance Limited	225	1447	4721811
Seyad Shariat Finance Limited	225	1572	4726595
Seyad Shariat Finance Limited	225	2114	4863831
Seyad Shariat Finance Limited	225	753	4902014
Seyadu Beedi Company	500	1598	4691278
Shah Dilip Ghisalal	330	1223	4726624
Shakthi Murugan Textiles	750	1681	4804538
Shambhu Vengu & Co.	225	1476	4901385
Shambhu Vengu Spinning Mills (P) Ltd	500	1603	4804644
Shanmugam Powerr Looms	225	1293	4691175
Shanmugam Powerr Looms	250	2063	4862847
Shanmugam Powerr Looms	250	2340	4881075
Sharp Engineers	500	550	4804635

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Sharp Engineers	500	551	4804636
Sharp Engineers	600	587	4804730
Sharp Engineers	600	588	4804731
Shenthur Alloys Foundry	350	2196	4881006
Shiner Sacks Pvt Ltd	225	2051	4862948
Shiva Cargo Movers Ltd	225	392	4691541
Shiva Cargo Movers Ltd	225	392	4691541
Shiva Tex Yarn Ltd	225	443	4720122
Shiva Tex Yarn Ltd	225	443	4720122
Shiva Tex Yarn Ltd	225	440	TNB02387
Shiva Tex Yarn Ltd	225	440	TNB02387
Shiva Tex Yarn Ltd	225	440	TNB02387
Shiva Tex Yarn Ltd	225	439	TNB02386
Shiva Tex Yarn Ltd	225	441	4865227
Shiva Tex Yarn Ltd	225	441	4865227
Shiva Tex Yarn Ltd	225	441	4865227
Shiva Tex Yarn Ltd	225	442	4691543
Shiva Tex Yarn Ltd	225	442	4691543
Shiva Tex Yarn Ltd	225	442	4691543
Shiva Tex Yarn Ltd	225	442	4691543
Shiva Tex Yarn Ltd	225	442	4691543
Shiva Tex Yarn Ltd	225	442	4691543
Shiva Tex Yarn Ltd	225	442	4691543
Shree Bharani Spinnings (India) Ltd	500	1365	4691308
Shree Malliga Mills Pvt Ltd	500	953	2369470
Shree Malliga Mills Pvt Ltd	500	995	2373853
Shree Malliga Mills Pvt Ltd	750	2011	4804663
Shreya Power Farm (India) Pvt Ltd	250	1167	4804586
Shri Amman Steel and	1250	1134	4681302

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Alied Industries			
Shri Govindaraja Mills Ltd	750	1341	4698191
Shri Govindaraja Mills Ltd	750	1342	4691156
Shri Govindaraja Mills Ltd	750	1343	4697405
Shri Govindaraja Mills Ltd	750	1344	4681543
Shri Govindaraja Mills Ltd	1650	1984	4804709
Shri Hari Process	225	493	4721994
Shri Hrishikesh Knitters	250	535	4726634
Shri Hrishikesh Knitters	250	622	4865462
Shri Renuga Soft-X Towels	500	1431	4691292
Shri Renuga Textiles Ltd	500	1788	4804467
Shri Renuga Textiles Ltd	500	1796	4804462
Shri Rohith Spinners Pvt Ltd	500	243	4804446
Shri Rohith Spinners Pvt Ltd	500	244	4804451
Shri Santhosh Meenakshi Textiles	500	461	4691114
Shri Santhosh Meenakshi Textiles	500	460	4691112
Shri Santhosh Meenakshi Textiles	500	459	4691113
Shri Santhosh Meenakshi Textiles Pvt. Ltd	600	548	4804496
Shriram City Union Finance Ltd	250	1066	4681406
Shriram City Union Finance Ltd	250	1066	4681406
Shriram City Union Finance Ltd	250	1066	4681406

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Shriram City Union Finance Ltd	250	1067	4681403
Shriram City Union Finance Ltd	250	1067	4681403
Shriram City Union Finance Ltd	250	1067	4681403
Shriram City Union Finance Ltd	250	1068	4681399
Shriram City Union Finance Ltd	250	1068	4681399
Shriram City Union Finance Ltd	250	1068	4681399
Shriram City Union Finance Ltd	250	1156	TNB 02390
Shriram City Union Finance Ltd	250	1156	TNB 02390
Shriram City Union Finance Ltd	250	1157	4691165
Shriram City Union Finance Ltd	250	1157	4691165
Shriram City Union Finance Ltd	250	1157	4691165
Shriram City Union Finance Ltd	250	1264	TNB 02266
Shriram City Union Finance Ltd	250	1264	TNB 02266
Shriram City Union Finance Ltd	250	1264	TNB 02266
Shriram City Union Finance Ltd	250	1265	TNB 03285
Shriram City Union Finance Ltd	250	1265	TNB 03285
Shriram City Union Finance Ltd	250	1265	TNB 03285
Shusbindu Manufacturing (P) Ltd	225	898	4901463
Siddhanatha Textiles Pvt Ltd	850	1517	4721931

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
SJLT Textiles Pvt Ltd	1650	1755	4726590
SJLT Textiles Pvt Ltd	1650	1754	4726584
SJLT Textiles Pvt Ltd	750	1055	4770047
SJLT Textiles Pvt Ltd	750	1056	4721984
SJS Granites	225	1233	4804741
SJS Granites	225	1333	4863674
Sky International	225	229	2350382
Sky Weaves	225	245	4889949
Sky Weaves	800	872	4691492
Somakannan Textiles	225	2106	4890025
Sornalakshmi Spinning Mills Pvt Ltd	350	1643	4804541
Soundararaja Mills Ltd	1250	1712	4726515
Soundararaja Mills Ltd	1250	1678	4804431
Soundararaja Mills Ltd	1250	1711	4804423
Soundararaja Mills Ltd	1250	1679	4804433
Soundararaja Mills Ltd	1250	1845	4725752
Soundararaja Mills Ltd	1250	1677	4719996
Soundararaja Mills Ltd	1250	1673	4726602
Soundararaja Mills Ltd	1250	1672	4726608
Soundararaja Mills Ltd	1250	1674	4726606
Soundararaja Mills Ltd	1250	1710	4726592
Soundararaja Mills Ltd	1250	1709	4726529
Soundararaja Mills Ltd	1250	1676	4719998
Soundararaja Mills Ltd	1250	1708	4804424
Soundararaja Mills Ltd	1250	1675	4720001
Soundararaja Mills Ltd	1250	1706	TNB 02824
Soundararaja Mills Ltd	1250	1707	4804427
Sree Jagathguru Textiles Mills (P) Ltd	500	343	2345942
Sree Jagathguru Textiles Mills (P) Ltd	500	344	2345951
Sree Jagathguru Textiles	500	345	2345949

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Mills (P) Ltd			
Sree Jagathguru Textiles Mills (P) Ltd	500	349	2345948
Sree Jagathguru Textiles Mills (P) Ltd	500	451	2350256
Sree Jagathguru Textiles Mills (P) Ltd	225	1111	4726487
Sree Jagathguru Textiles Mills (P) Ltd	225	1112	4721993
Sree Jagathguru Textiles Mills (P) Ltd	225	1124	4804602
Sree Santhosh Garments	600	661	4881042
Sree Santhosh Garments	600	523	4804494
Sree Santhosh Garments	600	524	4804493
Sree Santhosh Garments	600	555	4804495
Sree Santhosh Garments	225	544	4721996
Sree Santhosh Garments	225	545	4721995
Sri Bagiyalakshmi Spinners	225	956	4720083
Sri Bagiyalakshmi Spinners	225	957	4719987
Sri Balaji Sago & Starch Products	250	1165	4726566
Sri Balamurugan Modern Rice Mill	350	1303	4726473
Sri Harikumar Textiles (P) Ltd	250	1503	4721948
Sri Krishna Paper Industries	225	1420	4865396
Sri Lakshmi Saraswathi Textiles (Arni) Ltd	1250	1136	4721915
Sri Manohar Jewellery	225	874	4719780

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Sri Matha Spinning Mills (P) Ltd	750	1286	4725701
Sri Matha Spinning Mills (P) Ltd	750	1287	4725702
Sri Muhuntha Paper Boards	225	1422	4881029
Sri Muhuntha Paper Boards	225	1422	4881029
Sri Muhuntha Paper Boards	225	1421	4865473
Sri Palani Murugan Spinning Mills	250	1296	4804690
Sri Palani Murugan Spinning Mills	250	1133	4722005
Sri Palani Murugan Spinning Mills	250	1133	4722005
Sri Palani Murugan Spinning Mills	250	1123	4726568
Sri Palani Murugan Spinning Mills	250	1122	4726569
Sri Palani Murugan Spinning Mills	250	1280	4804693
Sri Palaniappa Wind Mill	225	2125	4804749
Sri Palaniappa Wind Mill	225	2125	4804749
Sri Raju Cotton Mills	1250	1179	4691071
Sri Raju Cotton Mills	750	1629	4804532
Sri Ram Santhosh	225	313	4691523
Sri Ram Santhosh	225	313	4691523
Sri Ramnarayan Mills Ltd	750	1536	4725716
Sri Ramnarayan Mills Ltd	750	1537	4725737
Sri Renuga Ginning & Oil Mills Spinning Division	500	1785	4804466
Sri Saravana Spinning Mills (P) Ltd	1650	1160	4804598
Sri Saravana Spinning Mills (P) Ltd	1650	1324	2329223
Sri Sathu Spinning Mills	750	1759	4804524

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
(P) Ltd			
Sri Seethalakshmi Steel Castings (P) Ltd	350	1366	4865386
Sri Sivajothi Spinning Mills (P) Ltd.,	225	514	4668058
Sri Sivajothi Spinning Mills (P) Ltd.,	225	834	4691534
Sri Sivajothi Spinning Mills (P) Ltd.,	225	955	4791863
Sri Sivajothi Spinning Mills (P) Ltd.,	225	708	2513
Sri Sivajothi Spinning Mills (P) Ltd.,	225	1211	4804395
Sri Sivajothi Spinning Mills (P) Ltd.,	225	1344	4863767
Sri Sughan International	225	456	4691519
Sri Velayudhaswamy Spinning Mills (P) Ltd	1650	1158	4804596
Sri Velayudhaswamy Spinning Mills (P) Ltd	1650	1161	4804601
Sri Venkatachalapathi Modern Rice Mill	350	590	4862929
Sri Venkatalakshmi Spinners (P) Ltd	750	825	4691468
Sri Venkateshwara Wind Farms	225	2109	4804539
Sri Venkateshwara Wind Farms	225	2109	4804539
Sri Venkateshwara Wind Farms	225	2074	4862927
Stallion Garments	750	2225	4881089
Stallion Garments	750	2224	4901473
Startime Apparels	225	870	4863741
Status Exports	350	742	4691503
Styleman Textiles (P) Ltd	500	1089	2377915
Styleman Textiles (P) Ltd	500	1770	4720147
Sudhan Spinning Mills	1650	1295	4862783

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
(P) Ltd			
Suguna Automobiles	225	743	4691215
Suguna Automobiles	225	1102	2373919
Sulochana Cotton Spinning Mills (P) Ltd	750	670	2378001
Sulochana Cotton Spinning Mills (P) Ltd	750	671	2378015
Sulochana Cotton Spinning Mills (P) Ltd	750	389	2350221
Sulochana Cotton Spinning Mills (P) Ltd	500	517	4804490
Sulochana Cotton Spinning Mills (P) Ltd	500	518	4804491
Sulochana Cotton Spinning Mills (P) Ltd	500	528	4804492
Sun India Hatcheries Pvt Ltd	250	1613	4804437
Sun Industrial Automation & Solution	350	1775	4804719
Sun Industrial Automation & Solution	350	1852	4804540
Sun Industrial Automation & Solution	350	2453	4902006
Sun Industrial Automation & Solution	350	2454	4901382
Sun Poly Sacks (P) Ltd	250	1266	4881149
Super Spinning Mills Ltd	1250	1370	4719870
Suriya Spinning Mills	500	617	4863669
Surya Oil and Extractions Pvt Ltd	350	1317	4862885
Swami Palani Andavar Spinners (India) Pvt Ltd	500	379	2347247
Swami Palani Andavar Spinners (India) Pvt Ltd	225	1030	TNB 02827
Swami Palani Andavar Spinners (India) Pvt Ltd	225	1126	4804603
Swarnapuri AVR	350	2386	4865223

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Jewellery			
Swathi Hacharies	250	515	4804587
T T Industries	1250	1385	TNB 02334
T.E.S. Fathu Rabbani	225	788	TNB 01230
T.E.S. Fathu Rabbani	225	1152	4691131
T.E.S. Fathu Rabbani	225	1153	4863793
T.E.S. Naina Mohamed	225	1154	4691139
T.T. Ltd	1250	1384	TNB 02375
T.T. Ltd	1250	1195	4804563
T.T. Ltd	1250	1200	4726467
Tamilnadu Air Products (P) Ltd	500	1469	4691289
Technocast Foundry	350	1448	4865398
Thakadoor Spinning Mills (P) Ltd	750	1684	4726553
Thakadoor Spinning Mills (P) Ltd	750	1055	4668131
Thanga Maligai & Co,Jewellery	500	382	2347245
The Tuticorin Spinning Mills Ltd	500	1724	4720152
Theepam Embroideries	250	1230	4863732
Thiagarajar Mills Ltd	1500	1432	4865520
Thiagarajar Mills Ltd	1500	1433	4881025
Thiruppathi Mills	1250	1516	4721924
Tip Sons Financial Services Pvt Ltd	750	1649	4804529
Tirupur Pandit Hosiery Mills Pvt Ltd	750	826	4719891
Tirupur Pandit Hosiery Mills Pvt Ltd	750	826	4719891
Tirupur Sri Sentil Cotton Mills	225	759	4691527
Tirupur Sri Sentil Cotton Mills	225	759	4691527

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Tirupur Sri Sentil Cotton Mills	225	893	4719860
Tirupur Sri Sentil Cotton Mills	225	893	4719860
Tirupur Sri Sentil Cotton Mills	225	1075	4722003
Tn Oxygen	250	2456	4901348
Tn Oxygen	350	2388	4881095
Top Light Lables	225	675	4668068
Top Light Lables	225	676	4691220
Top Light Lables	750	912	4698087
Twowin Export	225	575	4881166
Twowin Export	225	575	4881166
Twowin Export	225	863	4719766
Twowin Export	225	864	4719765
Twowin Export	225	1213	4726651
Twowin Export	225	1214	4726650
Twowin Export	250	1319	4804687
Twowin Export	250	1320	4804686
Twowin Export	250	1367	4862862
Udaya Kumar Modern Rice Mill	250	803	4691188
Unique Shell Mould (India) Pvt Ltd	600	618	4863671
Unity Overseas Tirupur	350	1155	4726455
Unity Overseas Tirupur	350	1137	4726462
V. Balasubramanian	250	1215	4726559
V.M.D. Mills (P) Ltd	750	1960	4804668
V.N.C.Electrodes	500	1565	4721797
V.N.C.Steel Distributors	500	1566	4721796
V.N.V. Textile India (P) Ltd	250	1265	4804584
V.S.N.C. Narasimha Chettiar Sons	600	2173	4865418

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
V.T. Uthararaju	225	967	4721970
V.Thangavel & Sons Pvt Ltd	350	272	2350360
V.Thangavel & Sons Pvt Ltd	350	335	2377968
V.W.Mohamed Iqbal	250	1657	4804384
Vairam Wind Power	225	546	4804637
Vanitha Textiles	350	1205	4804544
Vasu Yarn Mills India (P) Ltd	250	1263	4726596
Vasu Yarn Mills India (P) Ltd	250	1263	4726596
Vasu Yarn Mills India (P) Ltd	250	1263	4726596
Vasu Yarn Mills India (P) Ltd	250	1264	4804582
Vedanayagam Hospital Private Ltd	225	390	4698195
Vedanayagam Hospital Private Ltd	225	391	4691545
Veejay Sales and Services Ltd	800	35	4865405
Veejay Sales and Services Ltd	800	36	4865404
Veejay Syntex Private Ltd.,	800	1065	4725665
Veejay Syntex Private Ltd.,	600	874	2373906
Veejay Syntex Private Ltd.,	600	1092	4668080
Veejay Terry Products Ltd	800	1066	4725695
Veejay Terry Products Ltd	800	1066	4725695
Veejay Terry Products Ltd	800	1128	4726493
Veejay Tools & Die Pvt Ltd	230	341	2347252

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Veejay Tools & Die Pvt Ltd	230	341	2347252
Vel Murugan Energy Farm (P) Ltd	250	1253	4804585
Velavan Stores	350	350	4681355
Venbro Polymers	250	448	4697403
Venbro Polymers	250	449	4697441
Venbro Polymers	250	450	4697451
Vetal Textiles & Electronics Pvt Ltd	350	304	TNB 02396
Vetal Textiles & Electronics Pvt Ltd	500	393	4681492
Vetal Textiles & Electronics Pvt Ltd	500	413	4681518
Vetal Textiles & Electronics Pvt Ltd	500	469	4697437
Vetal Textiles & Electronics Pvt Ltd	250	652	4865550
Vetal Textiles & Electronics Pvt Ltd	250	653	4865549
Vetal Textiles & Electronics Pvt Ltd	250	672	4889940
Vetal Textiles & Electronics Pvt Ltd	250	673	4889943
Vetal Textiles & Electronics Pvt Ltd	250	676	4892623
Victus Dyeings	800	1051	KAB09915
Vijay Export	350	1080	4722024
Vijay Export	350	2405	4902002
Vijayalakshmi Spinning Mills	225	1236	4804364
Vijayalakshmi Spinning Mills	225	1236	4804364
Viking Knitters	1250	2027	4862918
Viking Knitters	1250	363	4691479
Viking Knitters	1250	321	4681476

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Viking Textiles Pvt Ltd	500	414	4890020
Viking Textiles Pvt Ltd	500	415	4691283
Viking Textiles Pvt Ltd	600	65	4865509
Viking Textiles Pvt Ltd	600	57	TNB 02336
Vikram Machine Spindles	250	1446	4881146
Vishnu Textiles	350	1372	4865385
Viswanath Chemicals	225	1472	4901282
Viswanathan & Company	750	1730	4804410
VSM Weaves India Ltd	750	2010	4862844
VSM Weaves India Ltd	750	2421	4902010
VTM Ltd	1250	1436	2332465
Warsaw International	250	360	4889945
Warsaw International	250	361	4681417
Warsaw International	250	610	4863809
Warsaw International	250	611	4863808
Warsaw International	250	612	4863807
Westerlies Wind Power (P) Ltd	250	1281	4804702
Westerlies Wind Power (P) Ltd	250	1282	4804701
Yash Metal & Alloys	500	1804	4804458
Amaravathi Textiles	850	1576	4721932
Anand Spinners	500	449	2350260
Dr. R. Kannan	225	764	4691516
Dr.Punithavathi Kannan	225	845	4691518
Everest Fabrics	225	915	4720081
Everest Fabrics	225	821	4691553
Geetha Krishna Spinning Mills Pvt. Ltd.,	750	1310	4681551
Jayakrishna Flour Mills Pvt. Ltd.,	225	2052	4862895
Jayakrishna Flour Mills	225	2335	4881069

Name of the Project Promoter	Capacity(KW)	HTSC.NO	Meter Serial No
Pvt. Ltd.,			
Jayakrishna Flour Mills Pvt. Ltd.,	225	2448	4890002
Jayakrishna Flour Mills Pvt. Ltd.,	225	2449	4954764
Jayakrishna Flour Mills Pvt. Ltd.,	225	2450	4881047
Jayakrishna Flour Mills Pvt. Ltd.,	225	2451	4890012
Jayakrishna Flour Mills Pvt. Ltd.,	225	2452	4901281
Jayakrishna Flour Mills Pvt. Ltd.,	600	950	2377947
K.A.S. Industries India Ltd.,	250	581	4804694
K.A.S. Industries India Ltd.,	250	582	4804789
Kikani Exports	500	436	4681510
Micro Colour Makers	250	1488	4954970
Micro Colour Makers	250	2059	4862820
New Trend Exports	250	356	4721851
Ramaswamy Naidu Textiles Ltd.,	500	485	4901420
Ramaswamy Naidu Textiles Ltd.,	500	642	2369480
S.B.T. Apparels Pvt. Ltd.,	750	2191	4863610
Sree Vijayalakshmi Textiles	500	448	2350258
Sri Murugan Mills	225	947	4698113
The Prem Dyeing Works	500	297	4721857
Unnamalai Spinning Mills	330	729	4691068

1.3.4 Appointment of team members and technical reviewer

On the basis of a competence analysis a verification team was appointed. Furthermore also the personnel for the technical review and the final approval was determined.

The list of involved personnel, the tasks assigned and the qualification status are summarized in the table 1-4 below.

Table 1-4: Involved Personnel

	Name	Company	Function [1)]	Qualification Status [2)]	Scheme competence	Technical competence [4)]	Host country Competence	Team Leading competence
☒ Mr. ☐ Ms.	Ma .Paa. Puratchikkanal	TUV India Pvt. Ltd	TL	SA	☒	T	☒	☒
☒ Mr. ☐ Ms.	B.J.M Amarnath	TUV India Pvt. Ltd	TM	A	☒	T	☒	☒
☒ Mr. ☐ Ms	S.Stalin	TUV India Pvt. Ltd	TM	E	☒	T	☒	☐
☐ Mr. ☒ Ms.	A.Kirthika	TUV India Pvt. Ltd	TM	E	☒	T	☒	☐
☒ Mr. ☐ Ms	N.Premjit Singh	TUV India Pvt. Ltd	TM	E	☒	T	☒	☐
☒ Mr. ☐ Ms	G.Ezhilarasu	TUV India Pvt. Ltd	TM	E	☒	T	☒	☐
☒ Mr. ☐ Ms	Klein Ingo	TN CERT	TR[3)]	A	☒	T	☐	☒
☒ Mr. ☐ Ms	Rainer Winter	TN CERT	FA[3)]	SA	☒	T	☐	☒

[1)] TL: Team Leader; TM: Team Member, TR: Technical review; FA: Final approval

[2)] GHG Auditor Status: A: Assessor; E: Expert; SA: Senior Assessor; T: Trainee; TE: Technical Expert

[3)] No team member

[4)] As per S01-MU03 or S01-VA070 A2 (such as A, B, C.....)

1.4 Level of Assurance

The verification has been planned and organized to achieve a

☒ reasonable level of assurance

☐ limited level of assurance.

The verification report is based on VCS PD[/VCS-PD/] and Monitoring report[/MR1//MR2/]supporting documents made available to the verifier and information collected through performing interviews and during the on-site assessment.

2 METHODOLOGY

The verification of the project consisted of the following steps:

- Contract review
- Appointment of team members and technical reviewers
- Publication of the monitoring report
- Desk review of the Monitoring Report/MR/ submitted by the client and additional supporting documents.
- Verification planning,
- On-Site assessment,
- Background investigation and follow-up interviews with personnel of the project developer and its contractors,
- Draft verification reporting
- Resolution of corrective actions (if any)
- Final verification reporting
- Technical review
- Final approval of the verification.

The sequence of the verification is given in the table 2.1 below:

Table 2.1: Verification sequence

Topic	Time
Assignment of verification	2008-11-17
On-site visit	2009-07-20 to 2009-07-26
Draft reporting finalised	2009-12-21
Technical review on draft reporting finalised	-
Final reporting finalised	2010-04-14
Technical review on final reporting finalised	2010-10-26
Final corrections	2010-11-05

The main verification steps are described below.

2.1 Review of Project Documentation

The VCS PD /VCS-PD/ and supporting background documents related to the project design and baseline were reviewed.

Furthermore, the verification team used additional documentation by third parties like host party legislation, technical reports referring to the project design or to the basic conditions and technical data.

The references used in the course of this verification are summarized in section 5.

2.2 On-Site Assessment

2.2.1 Review of Performance Records

As most essential part of the verification exercise it is indispensable to carry out an inspection on site in order to verify that the project is implemented in accordance with the applicable criteria. Furthermore the on-site assessment is necessary to check the monitoring data with respect to accuracy to ensure the calculation of emission reductions. The main tasks covered during the site visit include, but are not limited to:

- The on-site assessment included an investigation of whether all relevant equipment is installed and works as anticipated.
- The operating staff was interviewed and observed in order to check the risks of inappropriate operation and data collection procedures.
- Information processes for generating, aggregating and reporting the selected monitored parameters were reviewed.
- The duly calibration of all metering equipment was checked.
- The monitoring processes, routines and documentations were audited to check their proper application.
- The monitoring data were checked completely.
- The data aggregation trails were checked via spot sample down to the level of the meter recordings.

The on-site audit was carried out on 2009-07-20 to 2009-07-26. The complete verification team attended the site visit.

2.2.2 Follow-up Interviews

The verification team has carried out interviews in order to assess the information included in the project documentation and to gain additional information regarding the compliance of the project with the relevant criteria applicable for the VCS.

During verification, the verification team has performed interviews to confirm selected information and to resolve issues identified in the document review. The main topics of the interviews are summarized in Table 2-2.

Table 2-2: Interviewed persons and interview topics

Interviewed Persons / Entities	Interview topics
Project proponent representatives/IM01/ Project consultant/IM02/	- General aspects of the project - Technical equipment and operation - Changes since validation - Monitoring and measurement equipment - Calibration procedures - Quality management system - Involved personnel and responsibilities - Training and practice of the operational personnel - Implementation of the monitoring plan - Monitoring data management - Data uncertainty and residual risks - GHG calculation - Procedural aspects of the verification - Maintenance - Environmental aspects - Editorial issues of the Monitoring Report

A comprehensive list of all interviewed persons is part of section 5: **Table 5-4:** List of interviewed persons.

2.2.3 Collection of Measurements

The main parameters to measure are the electricity exported to the grid, electricity imported from the grid and net electricity generated. The evacuation facility of the project activity to deliver the power to grid is maintained by the TNEB.In the project activity total electricity generated is being measured by energy meter, which is jointly monitored by the project participant and TNEB. The measuring devices are well known and state of the art. For the metering purpose, there are individual sealed meters for every wind electric generator also common sealed meter for group of WTGs (for the same project promoters).The meter readings recorded once in every month for all the WEGs.

2.2.4 Observation of established practices and testing of the accuracy of monitoring equipment

All required instruments including stand by and operating procedures for the same have been implemented in an appropriate manner. Calibration procedures and test reports of the all online energy meters covering the reported monitoring period were verified for their frequency and traceability to industry standards.The energy meteres

have been calibrated by the TNEB officials. Calibration records of all installed meter were checked by the verification team and the results are summarized in section 3. The monitoring system is in compliance with the applied monitoring methodology (ACM 0002 version 10) "

2.3 Determination of the reductions in GHG emissions

The procedure for determining emission reductions from baseline emissions, project emissions and leakage emissions is found as per the algorithm and formulae presented as per ACM 0002 version 10 in the validated PD/VCS-PD/. The calculation of emission reductions is based on subtracting project emissions and leakage from the baseline emissions. As the WTGs runs exclusively with wind energy without any usage of fossil fuel, the project emissions is considered as zero. Leakage is considered to be zero as per applied methodology. For the calculation of baseline emissions the ex-ante and validated value of baseline parameters, i.e., Southern Grid Emission Factor is taken into account which is a validated and registered value.

2.4 Review of additional data from other sources if appropriate

The Project activity is wind based power generation and the grid emission factor and net electricity supplied are the only data used to determine the emission reductions. The electricity supplied is based on the generation statements given by TNEB and the emission factor has been fixed ex-ante for the entire crediting period in the Validated VCS PD. Hence the review of additional data from other sources is not applicable for this project activity.

2.5 Review of monitoring results and verification of the correct application of monitoring methodologies

The verification team has carried out interviews in order to assess the information included in the project documentation and to gain additional information regarding the compliance of the project with the relevant criteria applicable for the VCS.

2.6 Resolution of any material discrepancy

Material discrepancies identified in the course of the verification are addressed either as CARs, CLs or FARs.

A **Corrective Action Request (CAR)** is established where:

- mistakes have been made in assumptions, application of the methodology or the project documentation which will have a direct influence the project results,

- the requirements deemed relevant for verification of the project with certain characteristics have not been met or

- there is a risk that the project would not be registered or that emission reductions would not be able to be verified and certified.

A **Clarification Request (CL)** will be issued where information is insufficient, unclear or not transparent enough to establish whether a requirement is met.

A **Forward Action Request (FAR)** will be issued when certain issues related to project implementation should be reviewed during the first verification.

A detailed list of the CARs CLs and FAR raised and discussed in the course of this verification is included in the next section 3 of this report.

3 VERIFICATION FINDINGS

In this section the assessments and findings from the desk review of the VCS PD, site visit, interviews and supporting documents as well as the final assessments are summarised. Table 3-1 includes an overview of all raised CARs, CLs and FARs.

Table 3-1: Overview of CARs, CLs and FARs issued

No.	Topic / Chapter	CAR	CL	FAR
3.1	Remaining issues, including any material discrepancy	-	-	-
3.2	Project implementation	-	1	-
3.3	Completeness of monitoring	2	1	-
3.4	Accuracy of emission reduction calculations	2	1	-
3.5	Quality of evidence to determine emission reductions	1	-	-
3.6	Management and operational system	-	-	-
-	**SUM**	**5**	**3**	**-**

3.1 Remaining issues, including any material discrepancy, from previous validation

Description

All raised CARs and CLs were successfully closed during the validation of the project design. There are no remaining issues. The verification has been carried out based on the Monitoring Report, final VCS PD and VCS-Validation Report.

Related Findings

☒ No CARs, CLs or FARs have been identified in this context

☐ The following finding(s) have been addressed:

3.2 Project implementation

Description

The project activity involves generation of electricity from 812 nos. of Wind Electricity Generators which is exported to TNEB which is the part of the southern grid. The total installed capacity of the project activity is 460.18 MW. The rating of the WTG is varying from 225kW to 1.65 MW. During the monitoring period (01/04/2006 to 31/12/2008) the project activity has exported a total net electricity of 2,315,270,639KWh and thus the total baseline emissions come to 2144076 tCO_{2e}.

Related Findings

☐ No CARs, CLs or FARs have been identified in this context

☒ The following finding(s) have been addressed:

Finding:	**CL 3.2-1**		
Classification	☐ CAR	☒ CL	☐ FAR
Description of finding *Describe the finding in unambiguous style; address the context (e.g. section)*	Provide the exact Location and date of commissioning of the WTGs in Monitoring Report as per the Validated PD.		
Corrective Action #1 *This section shall be filled by the PP. It shall address the corrective action taken in details.*	The exact locations and the commissioning dates of the WTGs are provided in the Appendix 1 of the revised monitoring report.		
DOE Assessment #1 *The assessment shall encompass all open issues. In case of non-closure, additional corrective action and DOE assessments (#2, #3, etc.) shall be added.*	The locations and commissioning dates of all WTGs involved in the project activity has been provided in Appendix 1 of the revised monitoring Report/MR/ .The same has been verified during the onsite visit/IM01/and documents/SC/ submitted by the project promoters. Hence CL 3.2.1 is closed.		
Conclusion *Tick the appropriate checkbox*	☐ To be checked during the first periodic verification ☒ Appropriate action was taken ☒ Project documentation was corrected correspondingly ☐ Additional action should be taken ☐ The project complies with the requirements		

Final Assessment

During the verification a site visit was carried out. On the basis of this site visit and the reviewed project documentation, it can be confirmed that w.r.t. the realized

technology, the project equipments, as well as the monitoring and metering equipment, the project has been implemented and operated as described in the validated PD/VCS-PD/. There are no major changes in the key equipment since the validation of the project. The project uses wind power for electricity generation. Also no change is envisaged. These facts have been verified during site visit.

3.3 Completeness of monitoring

Description

The monitoring period of the project activity covers the period from 01/04/2006 to 31/12/2008. The only key monitoring parameters with influence on the calculation of the emission reductions is the power exported to the TNEB grid Data regarding the electricity exported to grid and import from grid is obtained from the statement provided by the TNEB and Meter Cards. The monitoring parameters are recorded as per the monitoring plan. The power is measured with a high accuracy and duly calibrated class 0.5 power meters. Individual meters have been provided at the time of installation of each Wind Mill. These meters are tested by TNEB before commissioning. At the time of commissioning t he meter is sealed by the TNEB Officials. The meter readings are carried out once in a month by TNEB .The TNEB statements and meter cards are the basis for the commercial billing.

Related Findings

☐ No CARs, CLs or FARs have been identified in this context

☒ The following finding(s) have been addressed:

Finding:	**CAR 3.3-1**		
Classification	☒ CAR	☐ CL	☐ FAR
Description of finding *Describe the finding in unambiguous style; address the context (e.g. section)*	No of WTGs, meter numbers, make and type of meter, accuracy class of connected meters, calibration details and calibration requirements is not provided in the MR.		
Corrective Action #1 *This section shall be filled by the PP. It shall address the corrective action taken in details.*	No of WTGs, meter numbers, make and type of meter and accuracy class of connected meters, calibration details are provided in the Appendix 2 of the revised monitoring report.		

DOE Assessment #1 *The assessment shall encompass all open issues. In case of non-closure, additional corrective action and DOE assessments (#2, #3, etc.) shall be added.*	The details provided in Appendix 2 of the revised monitoring report have been cross checked with the document provided by the project promoters also during onsite visit by the verification team. The calibration records /CAL/ are verified for the accuracy of connected meters, serial no, calibration details and commission certificates/SC/ are verified for the installed capacity of the WTGs. All the details provided in the monitoring report are found to be correct and OK. Hence CAR 3.3.1 is closed.
Conclusion *Tick the appropriate checkbox*	☐ To be checked during the first periodic verification ☒ Appropriate action was taken ☒ Project documentation was corrected correspondingly ☐ Additional action should be taken ☐ The project complies with the requirements

Finding:	**CAR 3.3-2**		
Classification	☒ CAR	☐ CL	☐ FAR
Description of finding *Describe the finding in unambiguous style; address the context (e.g. section)*	The monitoring period mentioned in section 2.2 contradicts with the cover page of the monitoring report. Correction requested.		
Corrective Action #1 *This section shall be filled by the PP. It shall address the corrective action taken in details.*	The period in the section 2.2 is corrected and made consistent with the cover page of the revised monitoring report.		
DOE Assessment #1 *The assessment shall encompass all open issues. In case of non-closure, additional corrective action and DOE assessments (#2, #3, etc.) shall be added.*	The monitoring period is starts from 01st April 2006 to 31st December 2008. The same has been applied in the revised monitoring report and found consistent. Hence CAR 3.3.2 is closed.		
Conclusion *Tick the appropriate checkbox*	☐ To be checked during the first periodic verification ☒ Appropriate action was taken ☒ Project documentation was corrected correspondingly ☐ Additional action should be taken ☐ The project complies with the requirements		

Finding:	**CL 3.3-1**		
Classification	☐ CAR	☒ CL	☐ FAR
Description of finding *Describe the finding in unambiguous style; address the context (e.g. section)*	The measurement frequency mentioned in the MR contradicts with the monitoring plan of the validated PD.Clarification requested.		
Corrective Action #1 *This section shall be filled by the PP. It shall address the corrective action taken in details.*	The measurement frequency for the TNEB and the site in charge is monthly as per the final validated PD. The MR is corrected for this inconsistency and now the frequency is in coincidence with the PD.		

DOE Assessment #1 *The assessment shall encompass all open issues. In case of non-closure, additional corrective action and DOE assessments (#2, #3, etc.) shall be added.*	The measurement frequency mentioned in the validated PD and revised monitoring report is consistent also the same has been confirmed during the onsite visit by interviewing the site in charge of the respective project promoters. Hence CL 3.3-1 is closed.
Conclusion *Tick the appropriate checkbox*	☐ To be checked during the first periodic verification ☒ Appropriate action was taken ☒ Project documentation was corrected correspondingly ☐ Additional action should be taken ☐ The project complies with the requirements

Final Assessment

The reporting /MR/ /XLS/ is in line with the requirements of the validated monitoring plan as well as with the applied methodology ACM 0002 version 10/ACM 0002/. The reporting procedures reflect the requirements of the monitoring plan /VCS-PD/. Also the required monitoring systems have been installed and operational. The meters comply with appropriate quality standards applicable for the used technology. All relevant evidences/GR//COM//CAL/ were fully checked by the verification team during the on-site visit. All evidences are clearly identifiable and assessed to be correct. It could be evidenced that the monitoring system ensures for continuous (except some routine breakdowns or outage) operation. For the considered verification period, all indicators stated in the applicable monitoring methodology ACM0002 (Version 10) were correctly monitored and reported. Calibration of Meter is carried by state electricity board covering the reported monitoring period was verified for their frequency and traceability to industry standards/CAL/. Calibration records of all installed meter were checked and found some of the WTG belongs to the project activity calibration has been delayed. In this context CAR has been raised by the verification team (Ref CAR3.5.2 Section 3.5). For the delayed calibration the energy generation for the respective WTGs a correction has been applied based on the EB 52 Annex 60 to arrive the net generation. The calibration is carried out by the State electricity board as per electricity standards for each of the equipment.

3.4 Accuracy of emission reduction calculations

Description

The value of the emission reductions depends on the net electricity exported by the project activity. The baseline emissions are based on the net electricity supplied by

the project, which is the difference between the electricity exported and the amount of electricity imported due to the project activity. The project emissions are zero as there is no use of any fossil fuel. Leakage is considered to be zero as per applied methodology since there is no equipment transferred from another activity..Therefore the baseline emission equals the Emission Reductions.

ERy = BEy – PEy – Ly

Baseline Emission BEy = EGy * EFy

EGy-Total Net Electrcity Supplied to the Grid

EFy- Baseline emission factor

PEy is zero and Ly is also zero.

ERy = BEy- 0 – 0

= BEy

The total net electricity supplied by the 812 WEGs during the monitoring period is 2315270639KWh.The baseline emission factor (EFy) has been fixed ex-ante as 0.92694742 (tCO_2/MWh) based on the CEA data base version 4.0 for Southern Grid[/CEA/].Based on the net electricity supplied and the emission factor the baseline emissions are 2144076 tCO_{2e}.

Related Findings:

☐ No CARs, CLs or FARs have been identified in this context

☒ The following finding(s) have been addressed:

Finding:	**CAR 3.4-1**		
Classification	☒ CAR	☐ CL	☐ FAR
Description of finding *Describe the finding in unambiguous style; address the context (e.g. section)*	During the verification of generation statements most of the WTGs, the month of March 2006 also has been accounted and considering the crediting period start date of the project activity, the generation excel sheets and relevant sections of monitoring report need to be revised.		
Corrective Action #1 *This section shall be filled by the PP. It shall address the corrective action taken in details.*	The generation for calculating the emission reductions is taken from 1st April 2006 in the revised MR. The Emission reductions are also provided vintage wise in the revised MR.		
DOE Assessment #1 *The assessment shall encompass all open issues. In case of non-closure, additional corrective action and DOE assessments (#2, #3, etc.) shall be added.*	As per VCS 2007.1 the VCS crediting start date is 28/03/2006.But most of the monthly energy statement provides the generation details for the whole month of March 2006 and the same has been accounted for the emission reduction calculations. Now the project proponent has removed the generation of the march month and revised the emission reduction calculations. The same has been verified in the emission reduction calculation sheets/XLS/ and found to be correct. Hence CAR 3.4 .1 is closed.		
Conclusion *Tick the appropriate checkbox*	☐ To be checked during the first periodic verification ☒ Appropriate action was taken ☒ Project documentation was corrected correspondingly ☐ Additional action should be taken ☐ The project complies with the requirements		

Finding:	**CAR 3.4-2**		
Classification	☒ CAR	☐ CL	☐ FAR
Description of finding *Describe the finding in unambiguous style; address the context (e.g. section)*	The emission factor value mentioned in the MR is not in line with Validated PD. Correction requested in this context. Moreover submit the emission reduction calculations sheet to the verifier for Verification.		
Corrective Action #1 *This section shall be filled by the PP. It shall address the corrective action taken in details.*	The emission factor in MR is corrected to be in consistent with the validated PD. The resulting ER number is also corrected in accordance with the revised emission factor. The emission reduction calculation is submitted along with the revised MR.		
DOE Assessment #1 *The assessment shall encompass all open issues. In case of non-closure, additional corrective action and DOE assessments (#2, #3, etc.) shall be added.*	The emission factor value mentioned in the revised monitoring report is now consistent with the validated PD also the same has been applied for the emission reduction calculations. The emission reduction calculation sheets has been cross checked and found to be correct. Hence CAR 3.4-2 is closed.		
Conclusion *Tick the appropriate checkbox*	☐ To be checked during the first periodic verification ☒ Appropriate action was taken ☒ Project documentation was corrected correspondingly ☐ Additional action should be taken ☐ The project complies with the requirements		

Finding:	**CL 3.4-1**		
Classification	☐ CAR	☒ CL	☐ FAR
Description of finding *Describe the finding in unambiguous style; address the context (e.g. section)*	Comparison between "estimated emission reductions" and "achieved emission reductions" over the crediting period is missing and has to be provided in the monitoring Report.		
Corrective Action #1 *This section shall be filled by the PP. It shall address the corrective action taken in details.*	The comparison between estimated and actual ER is provided in the monitoring report.		
DOE Assessment #1 *The assessment shall encompass all open issues. In case of non-closure, additional corrective action and DOE assessments (#2, #3, etc.) shall be added.*	The comparison between estimated vs. actual emission reductions and reasons for higher emission has been provided in the revised monitoring report. CL 3.4-1 is closed.		
Conclusion *Tick the appropriate checkbox*	☐ To be checked during the first periodic verification ☒ Appropriate action was taken ☒ Project documentation was corrected correspondingly ☐ Additional action should be taken ☐ The project complies with the requirements		

Final Assessment

The emission reductions were calculated correctly on the basis of the approved CDM baseline and monitoring methodology ACM 0002 Version 10, formulae given in the monitoring report and validated PD. The verification team crosschecked the emission reduction calculations by comparing TNEB statements with corresponding monthly invoices, which were found to be correct and accurate. There are no possible transposition errors between data sets since the monitoring of the net electricity generated is through calibrated electronic meters with high accuracy. Also all the recorded data are verified by the team of project proponent as described monitoring plan of registered PD. The closure of all the CARs and CLs issued above resulted in change of emission reduction of 2144076t CO2e. Also the project proponent gave justification for the difference in estimated emission reduction and actual emission reduction. The actual emission reduction is 2.84% higher than the estimated emission reduction over the monitoring period and is acceptable. This due the fact the monitoring period is from April 2006 to December 2008 and which falls under the high wind regimes. Because of the high wind regime during the considered monitoring period the PLF is slightly higher which resulted in higher emission reduction than the estimated. The breakup of the emission reductions over the monitoring period is given as below:

Monitoring Period	Total Achieved VCUs
April 2006 to August 2006 (For 5 months Only)	347469
September 2006 to December 2006 (For 4 months only)	208233
Total for the year 2006 (9 Months)	**555702**
Jan 2007 to June 2007 (For 6 months Only)	256364
July 2007 to December 2007 (For 6 months Only)	543877
Total for the year 2007	**800241**
Jan 2008 to June 2008 (For 6 months Only)	299945
July 2008 to December 2008 (For 6 months Only)	488188
Total for the year 2008	**788133**
TOTAL Ery(TCO2)	**2144076**

3.5 Quality of evidence to determine emission reductions

Description

The net electricity exported to the grid is taken from joint meter reading which forms the basis for emission reduction calculations. The amount of electricity generated from the project activity and dispatched to the grid is continuously metered by TNEB energy meter. The meters are Tri-vector energy meters with an accuracy class of 0.5 which can measure both imported and exported electricity. The energy meter readings are noted in presence of officials from both WTG owners and TNEB. The data provided by TNEB are authentic based on which project proponent raises the invoices. The meters are calibrated by state electricity board ensuring error free measurements. Also the the log books are maintained for panel meter by the operating personnel has been verified by the site in charge of the respective WTGs and the same is forwarded to the individual project promoters. If any major deviation between those values the same would be informed to TNEB for further action..

Related Findings

☐ No CARs, CLs or FARs have been identified in this context

☒ The following finding(s) have been addressed:

Finding:	**CAR 3.5-1**		
Classification	☒ CAR	☐ CL	☐ FAR
Description of finding *Describe the finding in unambiguous style; address the context (e.g. section)*	During verification of the calibration records it was found that the calibration has not been done for some of the energy meters as specified calibration interval mentioned in the validated PD. Correction is requested in this context.		

Corrective Action #1 *This section shall be filled by the PP. It shall address the corrective action taken in details.*	As per the EB 52 annex 60 "Guidelines for assessing compliance with the calibration frequency requirements" the data of delayed calibration WTGs are revised with the accuracy class of the corresponding energy meter. Since the calibration report states no error, as per the guidelines para 4 (a) the maximum permissible error (accuracy class) of the energy meter is applied to the delayed periods. Power: Import = Import + (Accuracy class of energy meter * Import) Export = Export - (Accuracy class of energy meter * Export) Note: Accuracy class of energy meter is 0.5 (maximum permissible error is 0.5%) The details are provided in Appendix 4 in the revised monitoring report Also refer "Revised VER calculation spreadsheet and Monitoring report"
DOE Assessment #1 *The assessment shall encompass all open issues. In case of non-closure, additional corrective action and DOE assessments (#2, #3, etc.) shall be added.*	The Export and import value has been corrected in the revised emission reduction calculation sheets as per EB 52 annex 60. "Guidelines for assessing compliance with the calibration frequency requirements" for the delayed calibration period (Refer Appendix 1). The calculated values has been verified and found to be conservative. Hence CAR 3-5.1 is closed.
Conclusion *Tick the appropriate checkbox*	☐ To be checked during the first periodic verification ☒ Appropriate action was taken ☒ Project documentation was corrected correspondingly ☐ Additional action should be taken ☐ The project complies with the requirements

Final Assessment

The project activity has got dedicated metering system and thus the value reflected in the ER sheet is purely for the project activity. Calibration procedures and test reports of the all online energy meters covering the reported monitoring period were verified for their frequency and traceability to industry standards.The verification team found that calibration has been delayed for some of the WTGs in this context CAR has been raised. For the delayed calibration the net energy generation has been corrected based on the EB 52 Annex 60 for the respective WTGs and the delay period The calibration certificates/CAL/ for entire vintage were verified along with the monthly meter readings. Proper data management including of data acquisition, aggregation and data management system is being followed in project activity. All records needed for monitoring are archived in line with the requirements of the validated monitoring plan /VCS-PD/. No significant, lack of evidence and missing data were detected during on-site verification. It is evident from the monitoring data that the monitoring system ensures for continuous operation, no major break down has

been found during the monitoring period. The data pertaining to the monitoring are maintained in identified records for the entire monitoring period. All the data is in compliance with the figures stated in the monitoring report. Hence the quality of evidence provided is found to be credible and in line with monitoring plan of the validated PD/VCS-PD/.

3.6 Management and operational system

Description

Tamil Nadu Spinning Mills Association is responsible for conducting the monitoring task strictly as per monitoring plan in the Validated PD/VCS-PD/ and also calculates the emission reductions regularly and writes the monitoring report. The organisational structure includes site in charge who is responsible for O & M monitoring and coordinate with O & M contractor for smooth functioning of WTGs. He is also responsible for recording the required monitored parameters along with the TNEB officials and to report the monitoring results to TASMA. Chief Advisor of TASMA is responsible for overall project management. Day to day operation is supervised by Site Engineer of respective service providers of the WTG. They have the responsibility to supervise the O&M personnel for around the clock operation and maintenance of the WTGs. The training needs of the monitoring personnel are identified and necessary training programs are conducted by qualified personnel like induction training i.e persons joined newly for monitoring,maintenance and reporting of the same.Also trainings related to safety and emergency preparedness were conducted at regular intervals based on the training needs identified. All monitored data are archived in Physical and Electronic form. The data will be kept for the whole crediting period and additional 2 years as given in the PD/VCS-PD/. Plant log book providing details of down time of the generating equipment. The O&M providers have followed systematic maintenance procedures.

Related Findings

☒ No CARs, CLs or FARs have been identified in this context

☐ The following finding(s) have been addressed:

Final Assessment

The allocation of responsibilities is documented in a written form and is followed as described in the Validated PD/VCS-PD/. Routines for the archiving of data are defined and documented. The monitoring personnel are well trained and follow reproducible routines. Thus, they have the necessary competence to carry out the relevant tasks

with sufficient accuracy. The training procedures/TRG/ for the monitoring personnel at the time of joing and further training records/TRG/ were checked by the verification team during the on-site verification and found acceptable. During onsite visit the verification team confirmed the above mentioned monitoring and reporting procedures and also in line with established procedures as mentioned in the monitoring plan of the validated PD.

4 VERIFICATION STATEMENT

M/s Tamilnadu Spinning Mills Association has commissioned the TÜV NORD JI / CDM Certification Program to carry out the verification of the Project "Bundled Wind power project in Tamil Nadu, India, coordinated by Tamil Nadu Spinning Mills Association (TASMA-II)" in Tamil Nadu, India with regard to the requirements of VCS 2007.1 Standard.

The project activity is generation of electricity by Wind Turbine Generators generating electricity which displaces electricity generated in the Southern grid of India, thus achieves GHG emission reduction.

Reporting period: From 2006-04-01 to 2008-12-31

In the course of the verification 5 Corrective Action Requests (CARs), 3 Clarification Requests (CLs) were raised and successfully closed out.

The verification is based on the monitoring report, revised monitoring report, the monitoring plan as set out in the validated PD, the validation report, emission reduction calculation spreadsheet and supporting documents made available to the TÜV NORD JI/CDM CP by the project participant.

In detail the conclusions can be summarised as follows:

- all operations of the project are implemented and installed as planned and described in the validated project description.
- the monitoring plan is in accordance with the applied approved methodology, i.e., ACM 0002 Version 10.
- the installed equipment essential for measuring parameters required for calculating emission reductions is calibrated appropriately.
- the monitoring system is in place and functional. The project has generated GHG emission reductions.

As the result of the 1st periodic verification, the verifier confirms that the GHG emission reductions are calculated without material misstatements in a conservative and appropriate manner. TÜV NORD JI/CDM CP herewith confirms that the project has achieved emission reductions in the above mentioned reporting period as follows:

Project emissions	0	t CO2 equivalents
Baseline emissions	2144076	t CO2 equivalents
Emission reductions	2144076	**t CO2 equivalents**

Bangalore 2010-10-06

TÜV NORD JI/CDM Certification Program Verification Team Leader

Essen,2010-11-05

TÜV NORD JI/CDM Certification Program Final Approval

5 REFERENCES

Table 5-1: Documents provided by the project participant

Reference	Documents
/CAL/	Calibration certificates for the main meters during the monitoring period.
/GR/	Statements for electricity generation certified by TNEB covering the monitoring period.
/MR/	Monitoring Report version 01 Monitoring Report Version 02
/O&M/	Operation and maintenance Agreements.
/PPA/	Extract of Power Purchase/Wheeling Agreement between TNEB and respective project promoters.
/SC/	Statutory Clearances: 1. Commissioning certificates
/TRG/	Training Procedures and Records of Monitoring Personnel.
/TS/	Technical specification of the WTGs.
/ VCS-PD/	Validated Project Document as per VCS 2007.1 standards
/XLS/	Emission reduction calculation sheet corresponding to/MR/

Table 5-2: Background investigation and assessment documents

Reference	Document
/ACM 0002/	"Consolidated methodology for grid-connected electricity generation from renewable sources" Version 10
/CPM/	TÜV NORD JI / CDM CP Manual (incl. CP procedures and forms)
/IPPC/	1. 1996 IPCC Guidelines for National Greenhouse Gas Inventories: work book 2. 2006 IPCC Guidelines for National Greenhouse Gas Inventories:

Reference	Document
	work book
/ISO 14064/	Greenhouse gases -- Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals Greenhouse gases -- Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements Greenhouse gases -- Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions
/ISO14065/	Greenhouse gases -- Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition
VCS	Voluntary Carbon Standard 2007.1
/VDS-PD-T/	VCS PD Template
/VVM/	Validation and Verification Manual (Version as per EB51)

Table 5-3: Websites used

Reference	Link	Organisation
/cd4cdm/	www.cd4cdm.org	UNEP Riso Centre
/ipcc/	www.ipcc-nggip.iges.or.jp	IPCC publications
/vcs/	www.v-c-s.org	VCSA
/unfccc/	http://cdm.unfccc.int	UNFCCC

Table 5-4: List of interviewed persons

[1)] Means of Interview: (**T**elephone, **E**-Mail, **V**isit)

Reference		Name	Organisation / Function
/IM01/	☒ **Mr.** ☐ **Ms.**	K.Venkatachalam	Chief Advisor – TASMA
/IM01/	☒ **Mr.** ☐ **Ms.**	V.Bharathi Kannan	CDM Co-ordinator ,TASMA
/IM01/	☒ **Mr.** ☐ **Ms.**	K.Selvaraju	CDM – Expert TASMA
/IM01/	☒ **Mr.** ☐ **Ms.**	R.Ponnambalam	Site Incharge,G.K.Spinners
/IM01/	☒ **Mr.** ☐ **Ms.**	P.Prabhu Srinivas	Senior Engineer
/IM02/	☒ **Mr.** ☐ **Ms.**	Atul Kumar Singh	Consultant -Cantor CO2
/IM03/	☒ **Mr.** ☐ **Ms.**	K.Padmanabhan	Site in charge
/IM03/	☒ **Mr.** ☐ **Ms.**	T.Ramakrishan	Operator Enercon
/IM03/	☒ **Mr.** ☐ **Ms.**	C.Ramesh Kumar	Manager (Site)
/IM03/	☒ **Mr.** ☐ **Ms.**	S.Prakash	Operator Enercon
/IM03/	☒ **Mr.** ☐ **Ms.**	S.P.Lenin	Suzlon Wind Farm -Engineer (Site)
/IM03/	☒ **Mr.** ☐ **Ms.**	N.Sivanandham	DTE,Suzlon Wind Farm Pushpathur
/IM03/	☒ **Mr.** ☐ **Ms.**	G.Eswarasamy	Vestas RRB - Site In charge

Reference		Name	Organisation / Function
ss/IM03/	☒ **Mr.** ☐ **Ms.**	P. Easwaran	Site In charge
/IM03/	☒ **Mr.** ☐ **Ms.**	R. Venkat	Site In charge
/IM03/	☒ **Mr.** ☐ **Ms.**	S.Somasundaraj	Manager Maintenance
/IM03/	☒ **Mr.** ☐ **Ms.**	K.Sivaraj	Asst Manager
/IM03/	☒ **Mr.** ☐ **Ms.**	P.Soundaraj	Junior Engineer

6 APPENDIX 1

The period of uncalibrated WTGs are presented below,

COMP. CODE	NAME OF THE MILLS / COMPANIES	WTG. NO	CAPA-CITY	HTSC. NO	UNCALIBRATED PERIOD
C002	Alpine knits India Pvt. Ltd	2.01	250	359	March 08 to July 08
C005	Anand Hosieries	2.01	500	417	March 08 to July 08
C006	Anand Textiles	2.01	1250	322	February 08 to July 08
C006	Anand Textiles	2.02	1250	325	February 08 to July 08
C006	Anand Textiles	2.03	500	416	March 08 to July 08
C009	Annai Power (P) Ltd	2.01	225	1303	May-08
C023	B.K.S.Textiles Pvt Ltd.,	2.01	225	438	May 07 to July 08
C023	B.K.S.Textiles Pvt Ltd.,	2.02	225	594	December 07 to July 08
C025	Balu Exports	2.01	750	406	March 07 to August 08
C025	Balu Exports	2.02	750	453	July 07 to August 08
C025	Balu Exports	2.03	750	590	December 07 to August 08
C026	Best & Co	2.01	1250	865	July 08 to August 08
C026	Best & Co	2.02	1250	866	July 08 to August 08
C026	Best & Co	2.03	1250	867	July 08 to August 08
C026	Best & Co	2.04	1250	868	July 08 to August 08
C026	Best & Co	2.05	1250	869	July 08 to August 08
C029	Best International	2.01	1250	1350	August 08 to September 08
C032	BMM Paper Board (P) Ltd	2.01	750	770	March 07 to July 08
C034	Brindavan Cotton Mills (P) Ltd.,	2.02	750	398	March 07 to January 08
C034	Brindavan Cotton Mills (P) Ltd.,	2.03	750	400	March 07 to January 08
C045	D. Ganthimathi	2.01	250	452	June 08 to August 08
C048	D.M.R. Textiles	2.01	250	354	March 08 to July 08
C048	D.M.R. Textiles	2.02	250	355	March 08 to July 08
C050	Dev International	2.01	225	431	January 08 to August 08
C050	Dev International	2.02	225	431	April 07 to August 08
C051	Deventhira Spinners Pvt	2.01	500	669	February 07 to February 08

COMP. CODE	NAME OF THE MILLS / COMPANIES	WTG. NO	CAPA-CITY	HTSC. NO	UNCALIBRATED PERIOD
	Ltd				
C051	Deventhira Spinners Pvt Ltd	2.02	500	996	October 07 to July 08
C051	Deventhira Spinners Pvt Ltd	2.03	500	997	October 07 to July 08
C052	Divyalakshmi Mills Pvt Ltd	2.01	225	778	April 08 to August 08
C052	Divyalakshmi Mills Pvt Ltd	2.02	500	337	February 07 to August 08
C064	Fab Colours	2.01	225	707	March 08 to July 08
C065	Fab-N-Fabrics	2.01	750	1085	February 08 to July 08
C065	Fab-N-Fabrics	2.03	350	333	March 08 to August 08
C068	Forknits	2.01	750	404	March 07 to August 08
C068	Forknits	2.02	750	591	December 07 to August 08
C070	G.K.Wind Farms India (P) Ltd	2.01	250	632	March 08 to August 08
C072	G.R. Thanga Maligai (Firm)	2.01	600	836	April 07 to July 08
C072	G.R. Thanga Maligai (Firm)	2.02	600	1011	October 07 to July 08
C073	G.R. Thangamaligai Jewellers (P) Ltd.,	2.01	600	1010	October 07 to March 08
C074	G.R. Thangamaligai Pearl & Kundan Jewellery	2.01	500	383	March 07 to July 08
C075	G.R.Thanga Malligai	2.01	600	725	March 07 to April 08
C083	Goodwill Apparels	2.01	225	715	March 08 to August 08
C083	Goodwill Apparels	2.02	225	715	March 08 to August 08
C084	Goyal Ispat Ltd	2.01	600	814	April 07 to July 08
C084	Goyal Ispat Ltd	2.02	600	1095	February 08 to July 08
C084	Goyal Ispat Ltd	2.03	600	1096	February 08 to July 08
C085	GRT Hotels and Resorts Pvt Ltd.,	2.01	600	949	September 07 to July 08
C091	Jai Hind Spinning Mills Ltd	2.01	1250	938	October 07 to August 08
C098	JVS Export	2.01	230	520	September 07 to July 08
C098	JVS Export	2.02	230	520	September 07 to July 08
C100	K. Seyad Abdul Kareem	2.01	225	1004	October 07 to May 08

COMP. CODE	NAME OF THE MILLS / COMPANIES	WTG. NO	CAPA-CITY	HTSC. NO	UNCALIBRATED PERIOD
C101	K. Yoosuf Meeran	2.01	225	1003	October 07 to May 08
C103	K.S. Kamalakannan	2.01	225	1158	March 08 to May 08
C106	Kamachi Steels Ltd	2.01	600	1132	March 08 to July 08
C106	Kamachi Steels Ltd	2.02	600	1132	March 08 to July 08
C109	Karthi Rice Mill	2.01	350	334	March 08 to July 08
C112	Kavin Hospital	2.01	225	1296	May 08 to June 08
C113	Kavitha Dyeings	2.02	225	1278	April 08 to June 08
C115	Kesharinandan Knit Fabrics (P) Ltd.,	2.02	750	669	March 08 to August 08
C123	L.K.Textiles (P) Ltd	2.01	600	699	March 07 to July 08
C123	L.K.Textiles (P) Ltd	2.02	330	827	June 08 to July 08
C132	M.R. Agency	2.01	250	358	March 08 to July 08
C134	Magna Electro Castings Ltd	2.01	750	476	August 07 to August 08
C134	Magna Electro Castings Ltd	2.02	1650	859	July 08 to August 08
C135	Mahalakshmi Textiles	2.01	225	725	March 08 to August 08
C148	Murugan Textiles	2.01	500	404	March 08 to September 08
C152	N.S.P.Knitting Mills	2.01	500	1074	February 08 to July 08
C152	N.S.P.Knitting Mills	2.02	500	1105	February 08 to July 08
C152	N.S.P.Knitting Mills	2.03	500	331	February 07 to July 08
C152	N.S.P.Knitting Mills	2.04	500	330	February 07 to July 08
C153	N.S.P.Tex	2.01	750	875	Aug-08
C155	Nanco Hosiery Mills	2.01	225	817	May 08 to July 08
C155	Nanco Hosiery Mills	2.02	225	817	May 08 to July 08
C159	NIF Wind Energy India Pvt Ltd	2.01	250	849	July 08 to August 08
C159	NIF Wind Energy India Pvt Ltd	2.02	250	848	July 08 to August 08
C175	Pioneer Woven Sacks (P) Ltd	2.01	225	351	March 07 to May 08
C179	Power Link System (P) Ltd	2.01	230	518	September 07 to July 08
C180	Power Spinning Mills	2.01	225	839	June 08 to July 08

COMP. CODE	NAME OF THE MILLS / COMPANIES	WTG. NO	CAPA-CITY	HTSC. NO	UNCALIBRATED PERIOD
C180	Power Spinning Mills	2.02	225	839	Jul-08
C181	Prabath Mills	2.01	500	622	March 08 to July 08
C185	Prachidhi Spinners Pvt Ltd	2.02	750	773	April 08 to August 08
C191	Pressmatic Engineers	2.01	330	810	May 08 to July 08
C193	Purani Textiles Pvt Ltd	2.01	600	812	April 07 to July 08
C196	R.G. Selvarathi Coolie Mills	2.01	350	346	March 08 to July 08
C200	Raju & Co	2.01	500	1309	June 08 to July 08
C201	Raju Spinning Mills (P) Ltd	2.01	1250	886	September 07 to July 08
C201	Raju Spinning Mills (P) Ltd	2.02	1250	887	September 07 to January 08
C202	Rakhava Impex	2.01	250	637	March 08 to August 08
C202	Rakhava Impex	2.02	250	724	March 08 to August 08
C206	RBR Garments	2.01	225	541	September 07 to August 08
C206	RBR Garments	2.02	225	541	September 07 to August 08
C218	Sabari Exim (P) Ltd	2.01	600	1050	December 07 to July 08
C218	Sabari Exim (P) Ltd	2.02	600	1051	December 07 to July 08
C219	Sabari Jewellery	2.01	225	576	October 07 to September 08
C226	Sakthivelu Poly Pack	2.01	225	545	September 07 to July 08
C229	Sambandam Mills	2.01	600	698	March 07 to July 08
C233	Santhi Casting Works	2.01	500	894	September 07 to July 08
C233	Santhi Casting Works	2.03	500	895	September 07 to July 08
C236	Saran Garments	2.01	850	1175	March 08 to April 08
C237	Saran Knit Wear	2.01	225	455	Jul-08
C240	Selvaganapathy Cotton Mills (P) Ltd	2.01	500	721	March 07 to June 08
C240	Selvaganapathy Cotton Mills (P) Ltd	2.02	500	1272	April 08 to June 08
C241	Selvam Traders	2.02	225	500	September 07 to June 08
C246	Seyad Home Industries Pvt Ltd	2.01	500	875	August 07 to May 08
C246	Seyad Home Industries Pvt Ltd	2.02	225	1155	March 08 to May 08

COMP. CODE	NAME OF THE MILLS / COMPANIES	WTG. NO	CAPA-CITY	HTSC. NO	UNCALIBRATED PERIOD
C247	Seyad Shariat Finance Limited	2.04	225	753	March 07 to December 08
C253	Shanmugam Powerr Looms	2.01	225	1293	April 08 to June 08
C257	Shiva Cargo Movers Ltd	2.01	225	392	March 08 to July 08
C257	Shiva Cargo Movers Ltd	2.02	225	392	March 08 to July 08
C258	Shiva Tex Yarn Ltd	2.01	225	443	May 08 to July 08
C258	Shiva Tex Yarn Ltd	2.02	225	443	May 08 to July 08
C258	Shiva Tex Yarn Ltd	2.03	225	440	April 08 to July 08
C258	Shiva Tex Yarn Ltd	2.04	225	440	April 08 to July 08
C258	Shiva Tex Yarn Ltd	2.05	225	440	April 08 to July 08
C258	Shiva Tex Yarn Ltd	2.06	225	439	April 08 to July 08
C258	Shiva Tex Yarn Ltd	2.07	225	441	April 08 to July 08
C258	Shiva Tex Yarn Ltd	2.08	225	441	April 08 to July 08
C258	Shiva Tex Yarn Ltd	2.09	225	441	April 08 to July 08
C258	Shiva Tex Yarn Ltd	2.10	225	442	May 08 to July 08
C258	Shiva Tex Yarn Ltd	2.11	225	442	May 08 to July 08
C258	Shiva Tex Yarn Ltd	2.12	225	442	May 08 to July 08
C258	Shiva Tex Yarn Ltd	2.13	225	442	May 08 to July 08
C258	Shiva Tex Yarn Ltd	2.14	225	442	May 08 to July 08
C258	Shiva Tex Yarn Ltd	2.15	225	442	May 08 to July 08
C258	Shiva Tex Yarn Ltd	2.16	225	442	May 08 to July 08
C260	Shree Malliga Mills Pvt Ltd	2.01	500	953	September 07 to July 08
C260	Shree Malliga Mills Pvt Ltd	2.02	500	995	October 07 to July 08
C269	Shri Santhosh Meenakshi Textiles	2.01	500	461	Aug-08
C269	Shri Santhosh Meenakshi Textiles	2.02	500	460	Aug-08
C269	Shri Santhosh Meenakshi Textiles	2.03	500	459	Aug-08
C271	Shriram City Union Finance Ltd	2.01	250	1066	January 08 to April 08
C271	Shriram City Union Finance Ltd	2.02	250	1066	January 08 to April 08

COMP. CODE	NAME OF THE MILLS / COMPANIES	WTG. NO	CAPA-CITY	HTSC. NO	UNCALIBRATED PERIOD
C271	Shriram City Union Finance Ltd	2.03	250	1066	January 08 to April 08
C271	Shriram City Union Finance Ltd	2.04	250	1067	January 08 to April 08
C271	Shriram City Union Finance Ltd	2.05	250	1067	January 08 to April 08
C271	Shriram City Union Finance Ltd	2.06	250	1067	January 08 to April 08
C271	Shriram City Union Finance Ltd	2.07	250	1068	January 08 to April 08
C271	Shriram City Union Finance Ltd	2.08	250	1068	January 08 to April 08
C271	Shriram City Union Finance Ltd	2.09	250	1068	January 08 to April 08
C271	Shriram City Union Finance Ltd	2.10	250	1156	Mar-08
C271	Shriram City Union Finance Ltd	2.11	250	1156	Mar-08
C271	Shriram City Union Finance Ltd	2.12	250	1157	March 08 to April 08
C271	Shriram City Union Finance Ltd	2.13	250	1157	March 08 to April 08
C271	Shriram City Union Finance Ltd	2.14	250	1157	March 08 to April 08
C271	Shriram City Union Finance Ltd	2.15	250	1264	April-08
C271	Shriram City Union Finance Ltd	2.16	250	1264	April-08
C271	Shriram City Union Finance Ltd	2.17	250	1264	April-08
C271	Shriram City Union Finance Ltd	2.18	250	1265	April 08 to July 08
C271	Shriram City Union Finance Ltd	2.19	250	1265	April 08 to July 08
C271	Shriram City Union Finance Ltd	2.20	250	1265	April 08 to July 08
C272	Shusbindu Manufacturing (P) Ltd	2.01	225	898	September 07 to November 07

COMP. CODE	NAME OF THE MILLS / COMPANIES	WTG. NO	CAPA-CITY	HTSC. NO	UNCALIBRATED PERIOD
C277	Sky Weaves	2.02	800	872	August 08 to December 08
C281	Sree Jagathguru Textiles Mills (P) Ltd	2.01	500	343	March 07 to July 08
C281	Sree Jagathguru Textiles Mills (P) Ltd	2.02	500	344	March 07 to July 08
C281	Sree Jagathguru Textiles Mills (P) Ltd	2.03	500	345	March 07 to July 08
C281	Sree Jagathguru Textiles Mills (P) Ltd	2.04	500	349	March 07 to July 08
C281	Sree Jagathguru Textiles Mills (P) Ltd	2.05	500	451	July 07 to July 08
C289	Sri Manohar Jewellery	2.01	225	874	August 08 to September 08
C295	Sri Ram Santhosh	2.01	225	313	November 07 to August 08
C295	Sri Ram Santhosh	2.02	225	313	January 08 to August 08
C302	Sri Sivajothi Spinning Mills (P) Ltd.,	2.01	225	514	September 07 to July 08
C302	Sri Sivajothi Spinning Mills (P) Ltd.,	2.02	225	834	June 08 to July 08
C302	Sri Sivajothi Spinning Mills (P) Ltd.,	2.04	225	708	March 08 to July 08
C303	Lakshmivel Mills Pvt. Ltd.,	2.01	225	456	July 08 to August 08
C306	Sri Venkatalakshmi Spinners (P) Ltd	2.01	750	825	May 08 to August 08
C311	Status Exports	2.01	350	742	March 08 to August 08
C312	Styleman Textiles (P) Ltd	2.01	500	1089	February 08 to June 08
C314	Suguna Automobiles	2.01	225	743	March 08 to August 08
C315	Sulochana Cotton Spinning Mills (P) Ltd	2.01	750	670	March 08 to August 08
C315	Sulochana Cotton Spinning Mills (P) Ltd	2.02	750	671	March 08 to August 08
C315	Sulochana Cotton Spinning Mills (P) Ltd	2.03	750	389	March 07 to August 08
C322	Swami Palani Andavar Spinners (India) Pvt Ltd	2.01	500	379	March 07 to September 08
C326	T.E.S. Fathu Rabbani	2.02	225	1152	March 08 to May 08
C326	T.E.S. Fathu Rabbani	2.03	225	1153	March 08 to May 08

COMP. CODE	NAME OF THE MILLS / COMPANIES	WTG. NO	CAPA-CITY	HTSC. NO	UNCALIBRATED PERIOD
C327	T.E.S. Naina Mohamed	2.01	225	1154	March 08 to May 08
C331	Thakadoor Spinning Mills (P) Ltd	2.02	750	1055	January 08 to July 08
C332	Thanga Maligai & Co,Jewellery	2.01	500	382	March 07 to July 08
C338	Tirupur Pandit Hosiery Mills Pvt Ltd	2.01	750	826	June 08 to September 08
C338	Tirupur Pandit Hosiery Mills Pvt Ltd	2.02	750	826	June 08 to September 08
C339	Tirupur Sri Sentil Cotton Mills	2.01	225	759	April 08 to July 08
C339	Tirupur Sri Sentil Cotton Mills	2.02	225	759	June 08 to July 08
C341	Top Light Lables	2.01	225	675	March 08 to July 08
C341	Top Light Lables	2.02	225	676	March 08 to July 08
C342	Twowin Export	2.01	225	575	October 07 to August 08
C342	Twowin Export	2.02	225	575	October 07 to August 08
C342	Twowin Export	2.03	225	863	July 08 to August 08
C342	Twowin Export	2.04	225	864	July 08 to August 08
C343	Udaya Kumar Modern Rice Mill	2.01	250	803	May 08 to July 08
C353	V.Thangavel & Sons Pvt Ltd	2.01	350	272	April 07 to July 08
C353	V.Thangavel & Sons Pvt Ltd	2.02	350	335	March 08 to July 08
C358	Vedanayagam Hospital Private Ltd	2.01	225	390	March 08 to July 08
C358	Vedanayagam Hospital Private Ltd	2.02	225	391	March 08 to July 08
C360	Veejay Syntex Private Ltd.,	2.02	600	874	August 07 to July 08
C360	Veejay Syntex Private Ltd.,	2.03	600	1092	February 08 to July 08
C362	Veejay Tools & Die Pvt Ltd	2.01	230	341	March 07 to July 08
C362	Veejay Tools & Die Pvt	2.02	230	341	March 07 to July 08

COMP. CODE	NAME OF THE MILLS / COMPANIES	WTG. NO	CAPA-CITY	HTSC. NO	UNCALIBRATED PERIOD
	Ltd				
C364	Velavan Stores	2.01	350	350	March 08 to July 08
C365	Venbro Polymers	2.01	250	448	June 08 to September 08
C365	Venbro Polymers	2.02	250	449	June 08 to September 08
C365	Venbro Polymers	2.03	250	450	June 08 to September 08
C366	Vetal Textiles & Electronics Pvt Ltd	2.01	350	304	October 07 to August 08
C366	Vetal Textiles & Electronics Pvt Ltd	2.02	500	393	March 08 to August 08
C366	Vetal Textiles & Electronics Pvt Ltd	2.03	500	413	March 08 to August 08
C370	Viking Knitters	2.02	1250	363	March 08 to July 08
C370	Viking Knitters	2.03	1250	321	February 08 to July 08
C371	Viking Textiles Pvt Ltd	2.01	500	414	March 08 to July 08
C371	Viking Textiles Pvt Ltd	2.02	500	415	March 08 to July 08
C378	Warsaw International	2.01	250	360	March 08 to July 08
C378	Warsaw International	2.02	250	361	March 08 to July 08
C382	Anand Spinners	2.01	500	449	June 07 to December 08
C383	Dr. R. Kannan	2.01	225	764	April 08 to December 08
C384	Dr.Punithavathi Kannan	2.01	225	845	July 08 to December 08
C385	Everest Fabrics	2.01	225	915	September 08 to December 08
C385	Everest Fabrics	2.02	225	821	May 08 to December 08
C387	Jayakrishna Flour Mills Pvt. Ltd.,	2.08	600	950	September 07 to November 08
C389	Kikani Exports	2.01	500	436	April 08 to December 08
C391	New Trend Exports	2.01	250	356	March 08 to December 08
C392	Ramaswamy Naidu Textiles Ltd.,	2.01	500	485	August 07 to December 08
C392	Ramaswamy Naidu Textiles Ltd.,	2.02	500	642	March 08 to December 08
C394	Sree Vijayalakshmi Textiles	2.01	500	448	June 07 to December 08
C395	Sri Murugan Mills	2.01	225	947	September 08 to December

COMP. CODE	NAME OF THE MILLS / COMPANIES	WTG. NO	CAPA-CITY	HTSC. NO	UNCALIBRATED PERIOD
					08
C396	The Prem Dyeing Works	2.01	500	297	September 07 to December 08
C397	Unnamalai Spinning Mills	2.01	330	729	March 08 to December 08