

53.75 MW BUNDLED WIND POWER PROJECT IN TAMIL NADU AND KARNATAKA BY KBD GROUP, INDIA

Document Prepared By

General Carbon Advisory Services Pvt. Ltd. Mumbai

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1 PROJECT DETAILS

1.1 Summary Description of Project

The purpose of this document is to calculate Green-House Gas emission reductions achieved by VCS project “53.75 MW Bundled wind Power project in Tamil Nadu and Karnataka by KBD Group, India” for periodic verification.

This monitoring report covers emission reductions for the period of 01/10/2006 to 31/03/2010. The start date of the project activity is 29/09/2006. The project start date is the earliest commissioning date amongst all the WTGs in this grouped project.

The names of the project promoters, Capacity of the WTGs are as listed below.

Table 1: Details of Project Proponent and the WTGs

Owner	Number of WTG	Capacity of WTG	Installed Capacity
Sapthagiri Distilleries Private Limited	19	1500 kW	28.5 MW
Mr. D.K. Audikesavulu	19	600 kW	11.4 MW
Mrs. D.A. Sathya Prabha	5	750 kW	3.75 MW
Mr. D.A. Srinivas	4	750 kW	3.0 MW
	1	1500 kW	1.5 MW
	1	600 kW	0.6 MW
Karnataka Breweries and Distilleries Limited	4	1250 kW	5 MW
Total	53		53.75 MW

The Project has been completed as planned and the monitoring equipments were installed to monitor the parameters as described in the Project Document (PD). The Plants are in operation continuously since its commercial operations.

The details of major equipments of the project and suppliers are presented below:

Project technologies, products, services and the expected level of activity:

Technology: The project activity has employed Horizontal Axis WTGs of different capacities. All the WTGs deployed in the project activity are tested and ideal for Indian metrological condition.

All the WTGs deployed in project activity will be composed by WTG of three blades each (with power control) and an active system for rotor orientation. Under wind high speed, a control system will keep the power at the plant's nominal value. Under wind slow speed, a control system will optimize the energy production, selecting an optimal combination of revolutions and angle of attack.

Technical specifications of Suzlon S-66 (1250 kW) for KBDL – 4 No.s

Rotor

<u>diameter</u>	<u>66 m</u>
<u>blades</u>	<u>3 No.</u>
<u>Orientation</u>	<u>Upward/ horizontal axis</u>
<u>Rotational speed</u>	<u>13.8 / 20.7 rpm</u>
<u>Rotational direction</u>	<u>Clockwise</u>
<u>Swept area</u>	<u>3421 m²</u>
<u>Hub height</u>	<u>74 m</u>
<u>regulation</u>	<u>Pitch regulated</u>
<u>Operational data</u>	
<u>Cut in wind speed</u>	<u>3 m/s</u>
<u>Rated wind speed</u>	<u>14 m/s</u>
<u>Cut off wind speed</u>	<u>22 m/s</u>
<u>Gearbox</u>	
<u>Type</u>	<u>Integrated 3 stage</u>
<u>Cooling</u>	<u>Oil cooled, forced lubrication</u>
<u>Generator</u>	
<u>Type</u>	<u>Asynchronous, 4/6 pole</u>
<u>Rated voltage</u>	<u>690 V</u>
<u>Frequency</u>	<u>50 Hz</u>
<u>Cooling</u>	<u>Air cooled</u>

Technical specifications of Suzlon S-82 (1500 kW) for SDPL – 4 + 14 No.s and DA Srinivas – 1 No.

<u>Rotor</u>	
<u>diameter</u>	<u>82 m</u>
<u>blades</u>	<u>3 No.</u>
<u>Orientation</u>	<u>Upward/ horizontal axis</u>
<u>Rotational direction</u>	<u>Clockwise</u>
<u>Swept area</u>	<u>5281 m²</u>
<u>Hub height</u>	<u>80 m</u>
<u>regulation</u>	<u>Pitch regulated</u>

<u>Operational data</u>	
<u>Cut in wind speed</u>	<u>4 m/s</u>
<u>Rated wind speed</u>	<u>12.5 m/s</u>
<u>Cut off wind speed</u>	<u>20 m/s</u>
<u>Gearbox</u>	
<u>Type</u>	<u>Integrated 3 stage</u>
<u>Generator</u>	
<u>Type</u>	<u>Asynchronous, 4 pole</u>
<u>Rated voltage</u>	<u>690 V</u>
<u>Frequency</u>	<u>50 Hz</u>
<u>Cooling</u>	<u>Air cooled</u>

Technical specifications of Suzlon S-52 (600 kW) for DK Audikesavulu - 19 No.s

<u>Rotor</u>	
<u>diameter</u>	<u>52 m</u>
<u>blades</u>	<u>3 No.</u>
<u>Orientation</u>	<u>Upward/ horizontal axis</u>
<u>Rotational direction</u>	<u>Clockwise</u>
<u>Swept area</u>	<u>2124 m²</u>
<u>Hub height</u>	<u>75 m</u>
<u>regulation</u>	<u>Pitch regulated</u>
<u>Operational data</u>	
<u>Cut in wind speed</u>	<u>3.5 m/s</u>
<u>Rated wind speed</u>	<u>12 m/s</u>
<u>Cut off wind speed</u>	<u>25 m/s</u>
<u>Gearbox</u>	
<u>Type</u>	<u>Integrated 3 stage</u>
<u>Cooling</u>	<u>Oil cooled, forced lubrication</u>
<u>Generator</u>	
<u>Type</u>	<u>Asynchronous, 4 pole</u>
<u>Rated voltage</u>	<u>690 V</u>

<u>Frequency</u>	<u>50 Hz</u>
<u>Cooling</u>	<u>Air cooled</u>

Technical specifications of Vestas NM48/750 kW for DA Satyaprabha- 5 No.s and DA Srinivas – 4 No.

<u>Rotor</u>	
<u>diameter</u>	<u>48.2 m</u>
<u>blades</u>	<u>3 No.</u>
<u>Orientation</u>	<u>Upward/ horizontal axis</u>
<u>Rotational direction</u>	<u>Clockwise</u>
<u>Hub height</u>	<u>55 m</u>
<u>Operational data</u>	
<u>Cut in wind speed</u>	<u>< 3.5 m/s</u>
<u>Cut off wind speed</u>	<u>25 m/s</u>
<u>Gearbox</u>	
<u>Cooling</u>	<u>Splash lubrication</u>
<u>Generator</u>	
<u>Nominal power</u>	<u>750/ 200 kW</u>
<u>Rotational speed (synchronous)</u>	<u>1500/ 1000 rpm</u>
<u>Insulation class</u>	<u>F</u>

Technical specifications of Suzlon S-52 (600 kW) for DK Audikesavulu - 19 No.s and DA Srinivas – 1 No.

<u>Rotor</u>	
<u>diameter</u>	<u>52 m</u>
<u>blades</u>	<u>3 No.</u>
<u>Orientation</u>	<u>Upward/ horizontal axis</u>
<u>Rotational direction</u>	<u>Clockwise</u>
<u>Swept area</u>	<u>2124 m²</u>
<u>Hub height</u>	<u>75 m</u>
<u>regulation</u>	<u>Pitch regulated</u>
<u>Operational data</u>	

<u>Cut in wind speed</u>	<u>3.5 m/s</u>
<u>Rated wind speed</u>	<u>12 m/s</u>
<u>Cut off wind speed</u>	<u>25 m/s</u>
<u>Gearbox</u>	
<u>Type</u>	<u>Integrated 3 stage</u>
<u>Cooling</u>	<u>Oil cooled, forced lubrication</u>
<u>Generator</u>	
<u>Type</u>	<u>Asynchronous, 4 pole</u>
<u>Rated voltage</u>	<u>690 V</u>
<u>Frequency</u>	<u>50 Hz</u>
<u>Cooling</u>	<u>Air cooled</u>

The technology used in the project is environment friendly and safe to operate. The transfer of technology is not involve, as the technology employed in the project activity and know how is well developed in India.

Technology Provider: The WTGs in the project activity are provided by:

- Suzlon make: 600 kW, 1250 kW and 1500 kW
- Vestas make: 750 kW

Expected level of activity: The major equipment in wind based power generation project is WTG, the useful life of the WTGs are 20 Years. The comprehensive O & M agreement covers all types of overhauling costs during the life of the project i.e. 20 Years.

Sustainability – Economic and Social Well Being

The project activity is in conformation of the sustainable development goals¹ of the host country in the following ways:

Social well being:

The project activity has created employment opportunities to the community during construction, operation as well as for the long term maintenance. The local workforce technical skills and knowledge has improved thus leading to capacity and knowledge building. Also, the project activity has led sustainable development of non-conventional renewable energy technology for production of power. The infrastructure in and around the project area has been improved due to project activities. This includes development of road network and improvement of electricity availability in the region as the electricity is supplied to Southern grid.

Economic well being:

¹ http://www.cdmindia.in/approval_process.php

The project activity has led to an investment of about Rs. 300 crores to a developing region which otherwise would not have happened. The generated electricity is being sold to Southern grid, thereby improving the grid frequency and availability of electricity to the local consumers which provided new opportunities for industries and economic activities to be setup in the area thereby resulting in greater local employment, ultimately leading to overall development. The project activity also leads to diversification of the national energy supply, which is dominated by conventional fuel based generating units.

Environmental well being:

The electricity generated by project activity is being supplied to southern grid, which otherwise would have been generated by fossil fuels. Hence the project activity helped in reduction of the greenhouse gases emission (CO₂) and other air pollutants (especially NO_x, SO₂ and particulates). The project helps in conservation of depleting fossil fuels such as coal, oil, natural gas which at present are predominantly used for power generation.

Technological well being:

The project has installed higher capacity wind turbo generator (S82 of Suzlon Energy), the success of above project has increased the reliability on efficient technology and large capacity wind mills. Also the success of above project has lead to investment in research and development of higher capacity machine with better efficiency.

1.2 Sectoral Scope and Project Type

Sectoral Scope : 01 Energy industries (renewable - / non-renewable sources)

Type: This project activity plant is a wind energy project supplying electricity to the south grid of India.

1.3 Project Proponent

Sapthagiri Distilleries Private Limited, Bangalore

This is the project proponent. They are responsible for completing the monitoring report form (VCS-MR).

Organization:	Sapthagiri Distilleries Private Limited
Street/P.O.Box:	17, Sankey Road,
Building:	--
City:	Bangalore
State/Region:	Karnataka
Postfix/ZIP:	560020
Country:	India
Telephone:	+91 80-23447993 / 23364732

FAX:	+91 80 – 23310040
E-Mail:	paniconsultancy@yahoo.com; kbdLtd@hotmail.com
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Title:	Financial Advisor
Salutation:	CA
Last Name:	Chakarapani
Middle Name:	Srinivasalu
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Department:	Financial Advisor
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Direct tel:	+91 44/42014102
Personal E-Mail:	paniconsultancy@yahoo.com

The Karnataka Breweries and Distilleries (KBD) Group of companies, a leader in manufacturing of sugar and distillery products, also has business interests in other sectors like Properties, Healthcare and Steel in Karnataka. Under the leadership of Sapthagiri Distilleries Private Limited (SDPL), the group, with a view to align itself with sustainable development policies of India, has undertaken this project to produce green power using wind as an energy source. The projects are located in the existing barren land available in the states of Karnataka and Tamil Nadu.

Purpose of the project activity

The objective of the project is commissioning and operation of 53 WTGs covered in the project activity in Tamil Nadu and Karnataka to provide renewable power to the southern grid. The project has led to reduced greenhouse gas emissions as it displaces electricity from fossil fuel intensive grid.

Description of the project

The project has been undertaken to harness the available wind power potential in the State of Tamil Nadu and Karnataka. The project has established 53 number (Suzlon make: 20 number of 1500 kW, 20 number of 600 kW, 4 number of 1250 kW and Vestas make: 9 number of 750 kW capacity) of Wind Turbine Generators (WTG) aggregating to a total installed capacity of 53.75 MW. The electricity generated by the project will be entirely sold to the Karnataka and Tamil Nadu State Electricity Boards in the southern grid. The project will help in greenhouse gas emission reduction by using renewable resource like wind energy for generating power which otherwise would have been generated using non- renewable, carbon intensive fuels. The project is a green field project aimed at utilizing wind to produce power.

There are five individual Project participants from various industries who have set up wind turbines and are bundled in this Project. The HTSC numbers and commissioning dates of individual WTGs are given in the following Table.

Commissioning dates of the WTGs

<u>S.N.</u>	<u>HTSC No.</u>	<u>Unique ID of WTG</u>	<u>Commissioning date</u>
<u>1</u>	<u>1312</u>	<u>Q 195</u>	<u>29-Sep-06</u>
<u>2</u>	<u>1329</u>	<u>Q 211</u>	<u>30-Sep-06</u>
<u>3</u>	<u>1337</u>	<u>G 81</u>	<u>30-Sep-06</u>
<u>4</u>	<u>1336</u>	<u>G 89</u>	<u>30-Sep-06</u>
<u>5</u>	<u>D 8</u>	<u>G 335</u>	<u>30-Sep-06</u>
<u>6</u>	<u>D 5</u>	<u>G 344</u>	<u>29-Sep-06</u>
<u>7</u>	<u>D 11</u>	<u>G 369</u>	<u>30-Sep-06</u>
<u>8</u>	<u>D 4</u>	<u>G 340</u>	<u>29-Sep-06</u>
<u>9</u>	<u>D 13</u>	<u>G 342</u>	<u>30-Sep-06</u>
<u>10</u>	<u>D 7</u>	<u>G 374</u>	<u>30-Sep-06</u>
<u>11</u>	<u>D 14</u>	<u>G 367</u>	<u>30-Sep-06</u>
<u>12</u>	<u>D 6</u>	<u>G 366</u>	<u>30-Sep-06</u>
<u>13</u>	<u>D 16</u>	<u>G 541</u>	<u>30-Sep-06</u>
<u>14</u>	<u>D 21</u>	<u>G 543</u>	<u>30-Dec-06</u>
<u>15</u>	<u>D 19</u>	<u>G 545</u>	<u>30-Sep-06</u>
<u>16</u>	<u>D 17</u>	<u>G 546</u>	<u>30-Sep-06</u>
<u>17</u>	<u>D 20</u>	<u>G 438</u>	<u>22-Nov-06</u>
<u>18</u>	<u>D 25</u>	<u>G 476</u>	<u>30-Dec-06</u>
<u>19</u>	<u>D 22</u>	<u>G 460</u>	<u>30-Dec-06</u>
<u>20</u>	<u>D 23</u>	<u>G 420</u>	<u>30-Dec-06</u>
<u>21</u>	<u>D 24</u>	<u>G 471</u>	<u>30-Dec-06</u>
<u>22</u>	<u>D 12</u>	<u>G 536</u>	<u>30-Sep-06</u>
<u>23</u>	<u>D 10</u>	<u>G 407</u>	<u>30-Sep-06</u>
<u>24</u>	<u>H-23</u>	<u>-</u>	<u>31-Mar-07</u>
<u>25</u>	<u>H-24</u>	<u>-</u>	<u>31-Mar-07</u>
<u>26</u>	<u>U 1441</u>	<u>G 953</u>	<u>31-Mar-07</u>
<u>27</u>	<u>2155</u>	<u>R73</u>	<u>14-Feb-07</u>

28	2317	R166	30-Mar-07
29	2309	R104	30-Mar-07
30	2310	R116	30-Mar-07
31	2311	R124	30-Mar-07
32	2313	R138	30-Mar-07
33	2314	R173	30-Mar-07
34	2315	R180	30-Mar-07
35	2316	R178	30-Mar-07
36	2318	R187	30-Mar-07
37	2325	R181	30-Mar-07
38	2319/TIN	247(T)	30-Mar-07
39	2320/TIN	303(T)	30-Mar-07
40	2321/TIN	350(T)	30-Mar-07
41	2233/TIN	73(T)	26-Mar-07
42	2232/TIN	72(T)	26-Mar-07
43	2270/TIN	351(T)	29-Mar-07
44	2306/TIN	332(T)	30-Mar-07
45	2289 TIN	302(T)	30-Mar-07
46	2307	331(T)	30-Mar-07
47	D 9	G 399	30-Sep-06
48	2170	R107	24-Feb-07
49	1440	G 938	31-Mar-2007
50	1442	G 936	31-Mar-2007
51	2312	R134	31-Mar-2007
52	K-310	-	31-Mar-2007
53	K-311	-	31-Mar-2007

Baseline scenario

This project is wind based renewable energy source, zero emission power project connected to the Southern grid. The project will generate electricity which will be supplied to Southern Grid. Hence, as per the baseline methodology ACM0002, the baseline scenario is Electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources, as reflected in the combined margin (CM) calculations described in the "Tool to calculate the emission factor for an electricity system".

1.4 Other Entities Involved in the Project

No other parties are involved in this project

1.5 Project Start Date

Starting date: 29/09/2006

(The project start date is the earliest commissioning date amongst all the WTGs in this grouped project)

1.6 Project Crediting Period

10 years

01/10/2006 to 30/09/2016

PP has option of renewable of the crediting period once considering project life of 20 years, as per the registered VCS-PD.

1.7 Project Location

The project sites are well connected by road and railways. The location of the project sites are furnished in table below:

Table 2: Project Location

Village	District
Range: Palladam	
Pushpathoor	Dindigul
Palappampatti	Coimbatore
Kundadam	Erode
Ponnapuram	Erode
Range: Sankeneri	
Udaythoor	Tirunelveli
Vijayapathi	Tirunelveli
Range: Surandai	
Azhagiapandiapuram	Tirunelveli
Sambavarvadakarai	Tirunelveli
Navaneetha krishnapuram	Tirunelveli
Keelakalangal	Tirunelveli

Range: Hassan North	
Rangapurakavalu	Hassan
Range: Kapatthguda	
Keluru	Gadag

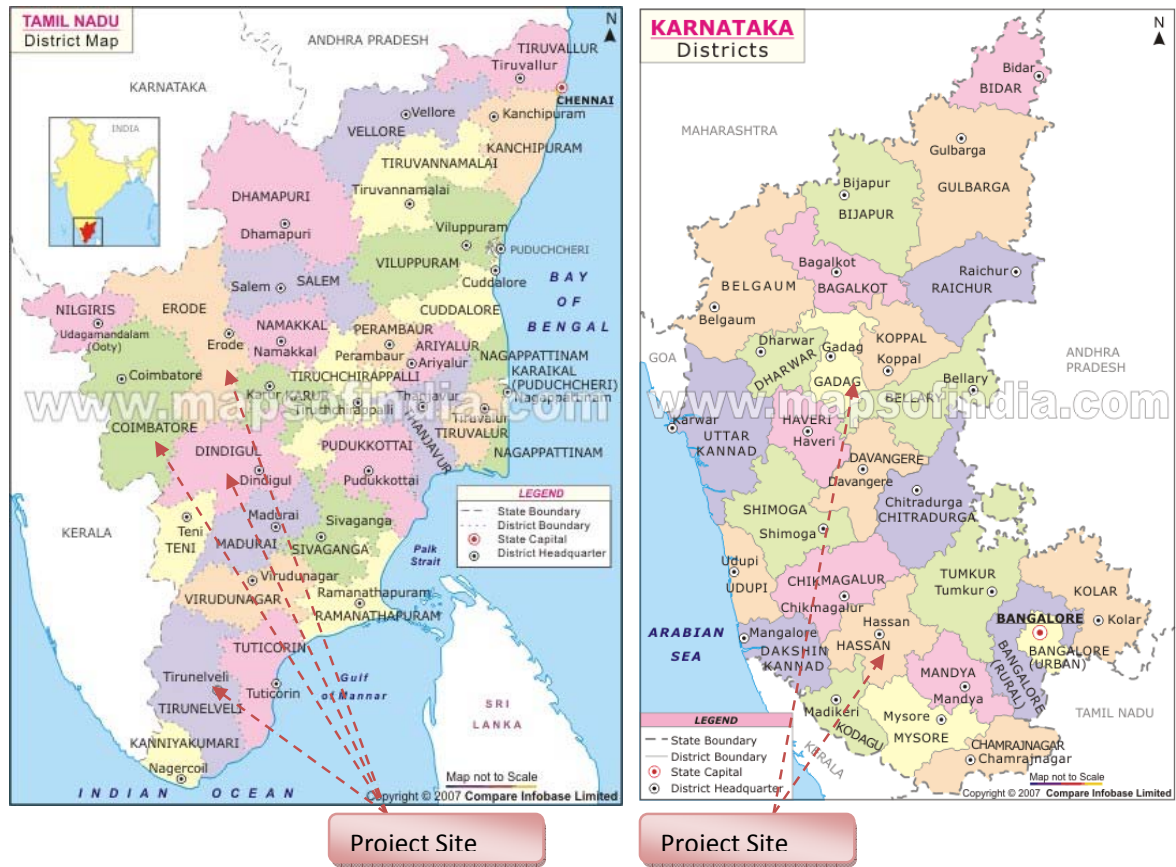


Figure 1: Location of the project activity

Table 3: Location details of the WTGs

1) WTGs owned by KBDL

S.No.	Unique ID	HT SC No.	Capacity (kW)	SF No.	Latitude	Longitude	Taluka
1	Q 195	1312	1250	709, Kundadam	N10 ⁰ 50' 07.9"	E77 ⁰ 25' 58.7"	Palladam
2	Q 211	1329	1250	804/1(P), 2(P), 805(P), Kundadam	N10 ⁰ 48' 59.1"	E77 ⁰ 25' 54.9"	Palladam
3	G 81	1337	1250	178(P)Chinnapudhur	N10 ⁰ 44'30.9"	E77 ⁰ 25' 40.6"	Palladam
4	G 89	1336	1250	136(P)	N10 ⁰ 43' 31.0"	E77 ⁰ 25' 51.5"	Palladam

2) WTGs owned by SDPL

Sr.No.	Unique ID	HT SC No.	Capacity (kW)	SF No.	Latitude	Longitude	Taluka
5	G 936	1442	1500	576/2D(P).2E(P)	N10 ⁰ 33'46.0"	E77 ⁰ 19' 19.0"	Palladam
6	G 938	1440	1500	2(P)	N10 ⁰ 33'45.4"	E77 ⁰ 19' 47.1"	Palladam
7	G 953	U 1441	1500		N10 ⁰ 33'32.4"	E77 ⁰ 18' 34.8"	Palladam

8	R73	2155	1500	69/2A(Part)/69/2B9Part Udayathoor	N8 ⁰ 17.383'	E77 ⁰ 44.084'	Sankaneri
9	R166	2317	1500	414/1B (Part) Udayathoor	N8 ⁰ 14.466'	E77 ⁰ 44.764'	Sankaneri
10	R104	2309	1500	75/ 3B(Part), 132/1(Part) Udayathoor	N8 ⁰ 17.343'	E77 ⁰ 44.865'	Sankaneri
11	R116	2310	1500	153/3A(P), 3B(P), 3C(P), 3D(P) Udayathoor	N8 ⁰ 16.728'	E77 ⁰ 45.629'	Sankaneri
12	R124	2311	1500	179/5 (Part) Udayathoor	N8 ⁰ 16.024'	E77 ⁰ 45.860'	Sankaneri
13	R134	2312	1500	175/5(p), Udayathoor	N8 ⁰ 16.036'	E77 ⁰ 45.513'	Sankaneri
14	R138	2313	1500	218/2 (Part) Udayathoor	N8 ⁰ 15.610'	E77 ⁰ 45.302'	Sankaneri
15	R173	2314	1500	153/1 (Part) Vijaypathy	N8 ⁰ 14.014'	E77 ⁰ 45.702'	Sankaneri
16	R180	2315	1500	144/1 (Part) Vijay pathy	N8 ⁰ 13.753'	E77 ⁰ 45.703'	Sankaneri
16	R178	2316	1500	87/1 (Part) Vijaypathy	N8 ⁰ 13.681'	E77 ⁰ 45.199'	Sankaneri
18	R187	2318	1500	5 (Part) Vijaypathy	N8 ⁰ 13.397'	E77 ⁰ 43.764'	Sankaneri

19	R181	2325	1500	10/2 (Part) Vijaypathy	N8 ⁰ 13.627'	E77 ⁰ 43.759'	Sankaneri
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WTGs in Karnataka

Sr. No.	Location No.	RR No.	Capacity (kW)	SF No.	Latitude	Longitude	Taluka
20	H23	HSN/TL&SS/WF/H23/04	1500	1 Rangapurakavalu	N 76 11 50.6	E 13 10 81.6	Arasikere
21	H24	HSN/TL&SS/WF/H23/04	1500		N 76 11 44.3	E 13 10 95.8	Arasikere
22	K310	GDG/TL&SS/WF/SDPLK/K-311/89	1500	72, 77 Keluru	N15 08 38.6	E 75 46 49.8	Mundargi
23	K311	GDG/TL&SS/WF/SDPLK/K-311/89	1500		N15 08 18.3	E 75 47 15.5	Mundargi

3) WTGs owned by DK Audikesavulu

S.No.	Unique ID	HT SC No.	Capacity (kW)	SF No.	Latitude	Longitude	Taluka
24	G 335	D 8	600	357 Muthu Naicken Patti	N10 ⁰ 35' 40.2"	E77 ⁰ 24' 26.2"	Palladam
25	G 344	D 5	600	227 Muthu	N10 ⁰ 35' 30.9"	E77 ⁰ 25' 01.9"	Palladam

				Naicken Patti			
26	G 369	D 11	600	311/2	N10 ⁰ 35' 05.4"	E77 ⁰ 25' 13.8"	Palladam
27	G 340	D 4	600	341/4 Muthu Naicken Patti	N10 ⁰ 35' 21.5"	E77 ⁰ 24' 41.6"	Palladam
28	G 342	D 13	600	356 Muthu Naicken Patti	N10 ⁰ 35' 34.9"	E77 ⁰ 24' 39.2"	Palladam
29	G 374	D 7	600	386/1 Muthu Naicken Patti	N10 ⁰ 35' 01.3"	E77 ⁰ 24' 20.5"	Palladam
30	G 367	D 14	600	408/1B Muthu Naicken Patti	N10 ⁰ 35' 01.7"	E77 ⁰ 24' 44.2"	Palladam
31	G 366	D 6	600	352/2	N10 ⁰ 35' 05.9"	E77 ⁰ 24' 33.1"	Palladam
32	G 541	D 16	600	494/1C Kozhumankondam	N10 ⁰ 34' 42.6"	E77 ⁰ 26' 54.1"	Palladam
33	G 543	D 21	600	500/3 Melakaraipatti	N10 ⁰ 34' 33.9"	E77 ⁰ 26' 55.6"	Palladam
34	G 545	D 19	600	494/1C Kozhumankondam	N10 ⁰ 34' 26.9"	E77 ⁰ 27' 07.8"	Palladam
35	G 546	D 17	600	143 Kozhumankondam	N10 ⁰ 34' 24.3"	E77 ⁰ 26' 54.4"	Palladam
36	G 438	D 20	600	233/1(P), 288/1(P). 2C1(P) Kozhumankondam	N10 ⁰ 33' 38.3"	E77 ⁰ 26' 13.1"	Palladam

37	G 476	D 25	600	500/1C(P), 2C(P) Kozhumankondam	N10 ⁰ 32' 51.3"	E77 ⁰ 26' 08.0"	Palladam
38	G 460	D 22	600	495/2A(P), 2B(P), 492/2(P) Kozhumankondam	N10 ⁰ 33' 11.9"	E77 ⁰ 26' 22.6"	Palladam
39	G 420	D 23	600	478/2A(P) Kozhumankondam	N10 ⁰ 32' 43.7"	E77 ⁰ 26' 31.5"	Palladam
40	G 471	D 24	600	20/1B(P), 2B(P), 21/1B(P) Puspathur	N10 ⁰ 32' 54.5"	E77 ⁰ 25' 00.3"	Palladam
41	G 536	D 12	600	114/8A, 8B Puspathur	N10 ⁰ 32' 57.1"	E77 ⁰ 24' 40.6"	Palladam
42	G 407	D 10	600	123/11 Puspathur	N10 ⁰ 33' 04.3"	E77 ⁰ 24' 33.3"	Palladam

4) WTGs owned by DA Satyaprabha

S.N.	Unique ID	On Board at site	HT SC No.	Capacity (kW)	SF No.	Latitude	Longitude	Taluka
43	55255	G 897/10	2319/TIN	750	178/7, Sampavarvadakarai	N9 ⁰ 01' 29.2"	E77 ⁰ 24' 00.6"	Surandai
44	55257	G 897/18	2320/TIN	750	125/7 (p),/8 (p)/9(p)10(p), Sampavarvadakarai	N9 ⁰ 00' 58.1"	E77 ⁰ 24' 44.4"	Surandai
45	55258	G 897/19	2321/TIN	750	44/2,3,4(P), Sampavarvadakarai	N9 ⁰ 01' 06.3"	E77 ⁰ 22' 45.5"	Surandai

46	55253	G 897/8	2233/TIN	750	287/(p), Alagiapandiapuram	N9° 01' 23.9"	E77° 31' 34.8"	Surandai
47	55254	G 897/9	2232/TIN	750	210/1a(p), Alagiapandiapuram	N9° 01' 05.6"	E77° 30' 29.7"	Surandai

5) WTGs owned by DA Srinivas

S.No.	Unique ID	HT SC No.	Capacity (kW)	SF No.	Latitude	Longitude	Taluka
48	55244	2270/TIN	750	145/10, 11, 12, 13, 14, 15, 16(P) Navaneethakrishnapuram	N8° 56' 27.6"	E77° 38' 06.4"	Surandai
49	55250	2306/TIN	750	144/3, 4 Navaneethakrishnapuram	N9° 01' 25.9"	E77° 32' 01.5"	Surandai
50	55245	2289 TIN	750	415/1A, 1B, 2 Keelakalangal	N8° 56' 26.8"	E77° 38' 41.9"	Surandai
51	55252	2307	750	378/ 2(P), 3(P) Keelakalangal	N9° 01' 13.7"	E77° 30' 28.8"	Surandai
52	G 399	D 9	600	72/2B (P)	N10° 33' 24.3"	E77° 24' 02.9"	Palladam
53	R107	2170	1500	133/1(part)Udayathoor	N8° 17.297'	E77° 45.182'	Sankaneri

1.8 Title and Reference of Methodology

Sectoral Scope: 01 Energy industries (renewable - / non-renewable sources)

~~The project is categorized in the Sectoral Scope 01: Energy industries (renewable -- / non-renewable sources).~~

Baseline and monitoring methodology: ACM0002 - Consolidated baseline methodology for grid-connected electricity generation from renewable sources. Version-09

Reference: <http://cdm.unfccc.int/methodologies/PAmethodologies/approved>

2 IMPLEMENTATION STATUS

2.1 Implementation Status of the Project Activity

The Project has been completed as planned and the monitoring equipments were installed to monitor the parameters as described in the Project Document (PD). The Plants are in operation continuously since its commercial operations.

The project activity has supplied 320,517 MWh electricity to the southern grid during the monitoring period.

1. The starting date of operation of the project activity – 01/10/2006
2. As mostly the small capacity machines (600 kW each) were commissioned in 2006 and some WTGs did not operate/ record electricity export data due to different reasons shared with DOE. Thus, PP has decided to claim emission reduction from 01 April 2007 from where data is consistently available.
3. There have not been any events and situations during this monitoring period which may impact the applicability of the methodology.

2.2 Deviations from the Monitoring Plan

Not applicable

Any deviation was not applied to this monitoring period.

2.3 Grouped Project

Not Applicable.

This is not a grouped project activity.

3 DATA AND PARAMETERS

3.1 Data and Parameters Available at Validation

Data Parameter:	EF _{OM,y}																				
Data unit:	tCO ₂ e/MWh																				
Description:	Operating margin emission factor of Southern regional electricity grid																				
Source of data used:	“CO₂ Baseline Database for Indian Power Sector” published by the Central Electricity Authority, Ministry of Power, Government of India. The “CO₂ Baseline Database for Indian Power Sector” version-4 is available at www.cea.nic.in																				
Value applied:	<table><tr><th colspan="3">Operating margin emission factor (Southern Grid) in tCO₂/GWh</th></tr><tr><th>Year</th><th>Simple OM</th><th>Net generation in OM (GWh)</th></tr><tr><td>2005-06</td><td>1.0056</td><td>100,978</td></tr><tr><td>2006-07</td><td>0.9991</td><td>109,116</td></tr><tr><td>2007-08</td><td>0.9906</td><td>114,702</td></tr><tr><td colspan="2">3 year generation weighted average OM</td><td>0.9982</td></tr></table>			Operating margin emission factor (Southern Grid) in tCO ₂ /GWh			Year	Simple OM	Net generation in OM (GWh)	2005-06	1.0056	100,978	2006-07	0.9991	109,116	2007-08	0.9906	114,702	3 year generation weighted average OM		0.9982
Operating margin emission factor (Southern Grid) in tCO ₂ /GWh																					
Year	Simple OM	Net generation in OM (GWh)																			
2005-06	1.0056	100,978																			
2006-07	0.9991	109,116																			
2007-08	0.9906	114,702																			
3 year generation weighted average OM		0.9982																			
Justification of the choice of data or description of measurement methods and procedures actually applied :	Operating Margin Emission Factor has been calculated by the Central Electricity Authority using the simple OM approach in accordance with ACM0002.																				
Any comment:	-																				

Data / Parameter:	EF_{BM,y}
Data unit:	tCO ₂ e/MWh
Description:	Build margin emission factor of Southern regional electricity grid
Source of data used:	"CO₂ Baseline Database for Indian Power Sector" published by the Central Electricity Authority, Ministry of Power, Government of India. The "CO₂ Baseline Database for Indian Power Sector" is available at www.cea.nic.in
Value applied:	0.7133
Justification of the choice of data or description of measurement methods and procedures	Build Margin Emission Factor has been calculated by the Central Electricity Authority in accordance with ACM0002

actually applied :	
Any comment:	-

Data / Parameter:	EFy
Data unit:	tCO ₂ e/MWh
Description:	Combine Margin CO ₂ emission factor of southern grid
Source of data used:	Estimated figure based on 75% of OM and 25% of BM values calculated using data obtained from CEA database on CO ₂ baseline emission factor for Indian Power Sector.
Value applied:	0.9269
Justification of the choice of data or description of measurement methods and procedures actually applied :	The National data can be used .The Combine margin has been calculated as per guidelines of ACM0002
Any comment:	-

3.2 Data and Parameters Monitored

Parameter for monitoring in Tamil Nadu

Data / Parameter:	EGy
Data unit:	MWh
Description:	Net electricity supplied to Southern grid by the project activity in this monitoring period
Source of data to be used:	Total of the readings from the main meter installed by State Electricity Board at individual WTGs under this project activity
Value of data	285,0 <u>3167</u>
Description of measurement methods and procedures to be applied:	Metering system for the project activity consists of one main (tri-vector) meter of accuracy class 0.5. Net electricity supplied to grid will be measured through meter readings of this two-way export/ import meter installed by TNEB. The procedures for metering and meter reading will be as per the provisions of the power purchase agreement. Regular monitoring on the power generation is also done through the Central Monitoring System (for Suzlon WTGs) by the O&M agency.
QA/QC procedures to be	Regular calibration of all the meters will be undertaken as per the PPA terms and faulty meters will be duly replaced immediately with

applied:	information to concerned Authority. For the faulty meters- in case of the electricity board meter, electricity board assigns reading based on the performance of nearby similar capacity machines. The same is conservative and will be used for the ER calculation as well. This can be verified with the net export monthly billing.
Any comment:	The monitoring records will be archived for whole crediting period + 2 years.
QA/QC procedures to be applied:	The readings of main meter are cross-checked against the readings of check meter. In case of failure/error in the main meter, readings of check meter will be considered and the main meter will be replaced/ calibrated immediately by CESC Mysore /HESCOM officials.
Any comment:	Data are archived both electronically & on paper. Log records will be maintained for two years from the end of the crediting period.

Data / Parameter:	Total Energy (TEG _y)
Data unit:	MWh
Description:	Total electricity generated by the project activity (i.e. Export)/ in this monitoring period
Source of data to be used:	Joint Meter Readings taken at the metering points. Please note that the value of Net electricity supplied to Grid (EG _y) is used for the purpose of estimating emission reductions.
Value of data	~~36,542.17~~ <u>36,517.56</u>
Description of measurement methods and procedures to be applied:	Each WTG is connected to an electricity substation measuring system having a dedicated main meter and a check meter. The meters are sealed and are in the custody of CESC Mysore/ HESCOM. ² Utility officials in the presence of representative/s of project proponent take the readings (Joint Meter Readings) of the meters on a monthly basis. Joint meter reading of one metering point gives the readings of each wind turbine connected to that metering point. While taking JMR, it is possible to record electrical parameters such as export, import etc. JMR gives the readings of both main meter and check meter separately. For each parameter, there is an initial reading and a final reading. In case of electricity exported, initial reading gives the meter reading of 'Export' at the first day of the previous month whereas; final reading

² The meters have the capability of recording and storing half hourly readings of all the electrical parameters for a minimum period of 35 days with digital output.

	gives the meter reading of 'Export' at the first day of the present month. The difference between initial and final reading gives the 'Export' for the last month. Total electricity generated (or exported) by the project activity is arrived at by adding the 'Export' readings of all metering points of the project activity.
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Data / Parameter:	Energy (EG _i)
Data unit:	MWh
Description:	Electricity imported by the project activity in this monitoring period
Source of data to be used:	Joint Meter Readings taken at the metering points
Value of data	248. ~~7463~~
Description of measurement methods and procedures to be applied:	Joint meter reading at each metering point will be taken as explained above. The difference between initial and final reading will give the 'Import' for the last month. Electricity imported by the project activity is arrived at by adding the 'Import' readings of all metering points of the project activity.
QA/QC procedures to be applied:	The readings of main meter are cross-checked against the readings of check meter. In case of failure/error in the main meter, readings of check meter will be considered and the main meter will be replaced/ calibrated immediately by CESC Mysore /HESCOM officials.
Any comment:	Data are archived both electronically & on paper. Log records will be maintained for two years from the end of the crediting period.

Data / Parameter:	Energy (EGT-I)
Data unit:	MWh
Description:	Transmission loss (or line loss) incurred by the project activity during import of electricity
Source of data to be used:	Invoice of electricity sale to HESCOM/CESC Mysore.
Value of data	37. ~~3129~~
Description of measurement methods and	EGT-I is calculated by using the following formula:

procedures to be applied:	$EGT-I = 0.15 \times EGI$ HESCOM/CESC Mysore charges project proponent for the transmission losses incurred during import of electricity to an extent of 115%. Invoices are raised based on the joint meter readings taken at each metering point as well as joint meter readings taken at the respective sub-stations. Details of transmission loss can be obtained from the invoice copy which gives details of export, import, transmission loss & net generation
QA/QC procedures to be applied:	The readings of main meter are cross-checked against the readings of check meter. In case of failure/error in the main meter, readings of check meter will be considered and the main meter will be replaced/calibrated immediately by HESCOM/ CESC Mysore officials
Any comment:	Data are archived both electronically & on paper. Log records will be maintained for two years from the end of the crediting period.

Data / Parameter:	Energy (EG_{T-E})
Data unit:	MWh
Description:	Transmission loss (or line loss) incurred by the project activity during export of electricity.
Source of data to be used:	Invoice of electricity sale to HESCOM/CESC Mysore.
Value of data	783.42
Description of measurement methods and procedures to be applied:	The metering points of the project activity with the metering points of others are connected to 2 different sub-stations: Harogeri sub-station and Bagewadi sub-station at Kappathguda. The metering points of the project activity are connected to the respective sub-station at Hassan. The evacuation arrangement from wind farm to the respective sub-station is done through two separate lines viz Line 1 (L1) & Line 2 (L2). These lines serve as stand by in the exigencies & during the period of the maintenance. The load is divided between L1 & L2. Each line is connected with a dedicated Bulk meter. There are thus 4 Bulk meters installed - two at the Harogeri sub-station (for L1 & L2) and two at the Bagewadi substation (for L1 & L2). Each bulk meter contains a main meter and a check meter. These meters are also sealed and are in the custody of HESCOM. Utility officials in the presence of representative/s of project proponent take the readings (Joint Meter Reading) of the meters on a monthly basis. Bulk meters are installed for the purpose of determining transmission

	loss (or line loss). It also gives the total electricity exported and imported by all the wind turbines connected to the sub-station. The readings for total electricity exported or imported are given by the main and check meters in a manner as explained above. Transmission loss is calculated by using the formula: $Z = (X - Y) / X \times 100$ Where, Z is the percentage transmission loss which is common for all wind turbines located in the same area and connected to the same sub-station. X is the total electricity supplied/exported by all the wind turbines connected to the sub-station.³ Y is the reading of the bulk meter installed at the sub-station. The above formula gives transmission loss as a percentage. By multiplying the percentage of transmission loss with electricity exported by the project activity, the transmission loss incurred by the project activity can be arrived at. Invoice copy contains this figure. Invoices are raised based on the joint meter readings taken at each metering point as well as joint meter readings taken at the respective sub-stations. Details of transmission loss can be obtained from the invoice copy which gives details of export, import, transmission loss & net generation.
QA/QC procedures to be applied:	The readings of main meter are cross-checked against the readings of check meter. In case of failure/error in the main meter, readings of check meter will be considered and the main meter will be replaced/calibrated immediately by HESCOM/ CESC Mysore officials.
Any comment:	Data is archived both electronically & on paper. Log records will be maintained for two years from the end of the crediting period.

Data / Parameter:	Energy (EG _y)
Data unit:	MWh
Description:	Net electricity supplied to the regional electricity grid/ in this monitoring

³ With $X = X_1 + X_2 + \dots + X_n$ where, X_n is the reading of 'n' number of wind turbines connected to the sub-station; the value 'X' can be verified against the export readings of individual metering points.

	period
Source of data to be used:	Invoice of electricity sale to CESC Mysore/HESCOM. For the purpose of emission reduction estimation in the PD, EG_y has been computed based on certain assumptions.
Value of data	35,485 ~~10~~
Description of measurement methods and procedures to be applied:	Net electricity supplied to the regional electricity grid will be calculated using the formula: $EG_y = TEG_y - EG_I - EG_{T-E} - EG_{T-I}$ Invoices are raised based on the joint meter readings taken at each metering point as well as joint meter readings taken at the sub-station. Invoice copy thus provides details of export, import, transmission losses & net generation. Payments are made on the basis of the net electricity supplied to the grid.
QA/QC procedures to be applied:	The readings of main meter are cross-checked against the readings of check meter. In case of failure/error in the main meter, readings of check meter will be considered and the main meter will be replaced/ calibrated immediately by CESC Mysore /HESCOM officials.
Any comment:	Data are archived both electronically & on paper. Log records will be maintained for two years from the end of the crediting period.

3.3 Description of the Monitoring Plan

Monitoring Plan

This project activity uses renewable energy i.e. wind, as a source for power generation. No other fossil/non fossil fuels are involved and no fuel preparation or combustion takes place. Therefore, the net electricity supplied by the project activity to grid is the only parameter that needs to be monitored. Metering system for the project activity consists of one main (tri-vector) meter (for WTGs in Tamil Nadu and Karnataka) and one check meter near the WTG and also at the sub-station (for the WTGs in Karnataka). Net electricity supplied to grid will be measured through meter readings of the two-way export/ import meter installed by TNEB and CESC Mysore/ HESCOM. The procedures for metering and meter reading will be as per the provisions of the power purchase agreement.

Structuring for Monitoring

The project activity is operated and managed by the project proponents with the O & M contractors those are also the suppliers of the wind turbines – M/s Suzlon Energy Limited and M/s. Vestas.

The proposed project activity requires evacuation facilities for sale and the evacuation facility is essentially maintained by the state power utility.

Monitoring Procedure

Monitoring plan for the state of Tamil Nadu

The data to be monitored is the net generation of electricity supplied to the grid. The Project has individual main meter at each WTG installed and owned by the State electricity board. These meters are tri-vector meters of 0.5s accuracy class. The reading from the main meter (JMR) is recorded on monthly basis by the official from the state electricity board in the presence of a representative of the PP.

The main meter owned by the state electricity board will be calibrated by TNEB officials, according to the frequency and the maintenance schedule as per the TNEB procedures and the PPA signed with the PP or as per the UNFCCC guidelines (paragraph 12.c, EB- 41 Annex- 20).

The daily generation details of individual WTG will be maintained at the wind farms in respective wind farm's electricity meter log books by the O&M team. The reading from the main meter (JMR) is recorded on monthly basis by the official from the state electricity board in the presence of a representative of the PP.

The receipt of the sales to grid is cross-checked with the data recorded by the central monitoring system for each individual meter to avoid any differences. The Joint Meter Readings (JMR) taken will be sent to individual PP every month. Each PP will then raise an invoice to the Tamil Nadu Electricity Board with respect to the electricity exported to the grid by the WTG(s). The same data will be used for the emission reduction calculation.

The entire operations of the WTGs are monitored continuously with the help of the Central Monitoring System (CMS) for each WTG by M/s. Suzlon Infrastructure Services Ltd. Vestas as applicable. The total electricity generation will also be cross checked with the invoices raised for the particular month.

All the relevant data & reports for maintaining accuracy in future monitoring and reporting of GHGs emission reduction is with Sapthagiri Distilleries Private Limited (SDPL).

Monitoring Plan for the state of Karnataka

The WTGs in Kappathguda are situated on hills and CMS set up takes care of particular hills. The Sapthagiri WTGs are situated on Hill number 9 and 10.

For the two WTGs (H23 & H24) at Hassan, there is one common meter (consisting a main meter and a check meter) installed at metering site (along with a group of WTGs) and same is followed for Kappathguda (for K310 & K311). The metering equipment is electronic trivector system. The accuracy class of these meters is 0.2s as required by the PPA. This is different from the other machines in Tamil Nadu as those PPAs require accuracy class of 0.5s. The accuracy class of meters are determined by the respective state's Electricity Regulatory Commission and hence the conditions in PPA become the regulatory requirement (over and above any national level Guidance).

Procedure for Monitoring and Recording

The JMR taken at one metering point will give the readings of each WEG connected to that metering point. With a main meter & a check meter installed at each metering point, the JMR taken at any one metering point will give readings of both main meter and check meter. However, it is reading of the main meter which is considered for calculations. The readings of main meter are cross-checked against the readings of check meter. In case of failure/error in the main meter, readings of check meter will be

considered and the main meter will be replaced/ calibrated immediately by CESC Mysore /HESCOM officials.

Both Main & Check meter monitor all possible electrical parameter such as export, import etc. The meters monitor & record these parameters independently. The meters also display an initial reading and a final reading for each parameter that is being monitored. For example, if we need to calculate the amount of electricity supplied/exported by all WTGs connected to a particular metering point for the month of September 2008, the initial reading of 'Export' displayed by the main meter should be subtracted from the final reading of the meter. With initial reading being the meter reading of 'Export' as on 1 Sept 08 at 0:00 hrs and the final reading being the meter reading of 'Export' as on 1 Oct 08 at 0.00 hrs, the difference between initial and final reading will give the exact units exported during the month of September 2008.

Bulk meter installed at sub-station is mainly for determining transmission loss (or line loss). It also gives the total electricity exported and imported by all the wind turbines connected to the sub-station.

The monitoring instruments owned by the state electricity board will be calibrated by KPTCL officials, according to the frequency and the maintenance schedule as per the KPTCL procedures and the PPA signed with the PP or as per the UNFCCC guidelines (paragraph 12.c, EB- 41 Annex- 20).

Invoices are raised based on the joint meter readings taken at each metering point as well as at the respective sub-stations. Invoice copy thus provides details of export, import, transmission loss & net generation. However, payments are made on the basis of the net electricity supplied to the grid.

The project proponents have signed an "Operation and Maintenance" agreement with the supplier of the wind turbines – M/s Suzlon Energy Limited.

The project team has been entrusted with the responsibility of storing, recording the data related to the project activity which is measured from the meters. The project team is also responsible for calculation of actual creditable emission reduction in the most transparent and relevant manner.

Data Archiving: All the monitoring data is stored /will be recorded and kept under safe custody of the project head.

The responsibility matrix for the project team looking after the various aspects related to it is presented in the table below:

Roles and responsibilities

Designation	Responsibilities
Project Head (In charge person from Project proponent)	Registration Data storage and electronic archiving Secondary monitoring
Project Executor and Controller (WTG owner or appointed person on behalf)	Recording Verification Storage of Data

Site main Controller	Operation, Monitoring and Verification of Data Data Recording Storage of data
Operation and Maintenance Contractor	Operation and Maintenance Storage of data Data Recording

Measurement Frequency

Measurement Frequency for the State of Tamil Nadu:

Frequency of measurement by TNEB officials	Continuous with recording once in every month
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Measurement Frequency for the State of Karnataka:

Frequency of measurement by CESC Mysore /HESCOM officials	Continuous with recording once in every month
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Monitoring Parameter

With respect to the project activity the only parameters that requires a continuous monitoring is the amount of electricity (EG_y in MWh) that is generated by the project activity. Net electricity supplied to grid will be measured through meter readings of the two-way export/ import meter installed by TNEB and CESC Mysore/ HESCOM. The procedures for metering and meter reading will be as per the provisions of the power purchase agreement.

Measures to ensure the results/ uncertainty analysis

The periodical calibration of monitoring equipment shall be kept sealed by the respective Electricity Boards. The electricity generation, export, and energy import are being recorded daily and the same is being measured once in a month by the electricity board in the presence of PP and verified by the respective officials.

In case of failure of meters, it will be changed immediately. The annual calibration was not done on due date and hence a calibration error is applied to all readings when calibration was not valid. This has resulted in conservative emission reduction estimate. The electricity generation, export, and import are being recorded daily and the same is being verified by the respective officials.

The monitoring period is divided into following vintages:

1. 29 September 2006 to 31 March 2007

2. 1 April 2007 to 31 December 2007

3. 1 January 2008 to 31 December 2008

4. 1 January 2009 to 31 December 2009

5. 1 January 2009 to 31 March 2010

Calibration of meters

As per the applied monitoring methodology and monitoring plan, the calibration of the meters should be done at least once in a year.

The new commissioned WTGs come with pre-calibrated electricity meters and from commissioning to completion of one calendar year, no error is applied. From there on, whenever validity of calibration was not there as committed in the VCS-PD, calibration error is applied as per following guidance for conservativeness.

In the project activity during the verification period, the calibration of meters was not done yearly. The details of the periodical calibration have been provided below.

As per Para 4 of Annex 60 - EB 52 "Guidelines for assessing compliance with the calibration frequency requirements"

If during verification of a certain monitoring period, the DOE identifies that the calibration has been delayed and the calibration has been implemented after the monitoring period in consideration (i.e. the results of delayed calibration are available), the DOE may conclude its verification, provided the following conservative approach is adopted in the calculation of emission reductions:

- a) Applying the maximum permissible error of the instrument to the measured values, if the results of the delayed calibration do not show any errors in the measuring equipment, or if the error is smaller than the maximum permissible error; or
- b) Applying the error identified in the delayed calibration test, if the error is beyond the maximum permissible error of the measuring equipment.

But in the project activity, the result of the delayed calibration is satisfactory and doesn't show any errors in the measuring equipment and value is within the permissible limits. However due to delayed calibration, the measured values have been multiplied with maximum permissible error of the instrument till the year of the last calibration. In case of meters in Tamil Nadu, the permissible error is 0.5% while in case of meters in Karnataka meters, it is 0.2%.

The adjustments in the crediting period for each windmill are as follows

- ➔ The export values have been decreased by 0.5% for every month
- ➔ The import values have been increased by 0.5% for every month

The correction factor is 0.2% for Karnataka WTGs as per the accuracy of those meters.

In case of failure of meters, it will be changed immediately. The WTG will be stopped during the time of meter failure. The details regarding the HTSC No of WTGs, meter serial number, make and type of meter, accuracy, fixed and periodical date of calibration of each WTG are provided follows:

1) WTGs owned by M/s KBD Sugars & Distilleries (P) Ltd.

<u>S.N.</u>	<u>HT SC No.</u>	<u>Commissioning date</u>	<u>I calibration</u>	<u>Meter Serial Number</u>	<u>Calibration Due date</u>	<u>II Calibration</u>	<u>Calibration error applied for period</u>
<u>1</u>	<u>1312</u>	<u>29/09/2006</u>	<u>--</u>	<u>04804575</u>	<u>28/09/2006*</u>	<u>18/02/2009</u>	<u>Apr 2007[#] to Feb 2009; Feb-Mar 2010</u>
<u>2</u>	<u>1329</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>04863718</u>	<u>29/09/2007</u>	<u>18/02/2009</u>	
<u>3</u>	<u>1336</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>04862934</u>	<u>29/09/2007</u>	<u>18/02/2009</u>	
<u>4</u>	<u>1337</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>04863728</u>	<u>29/09/2007</u>	<u>18/02/2009</u>	
<u>5</u>	<u>1440</u>	<u>31/03/2007</u>	<u>31/03/2007</u>	<u>04863729</u>	<u>30/03/2008</u>	<u>18/02/2009</u>	<u>Apr 2007[#] to Feb 2009; Feb-Mar 2010</u>
<u>6</u>	<u>1442</u>	<u>31/03/2007</u>	<u>31/03/2007</u>	<u>04863730</u>	<u>30/03/2008</u>	<u>18/02/2009</u>	
<u>7</u>	<u>1441</u>	<u>31/03/2007</u>	<u>-</u>	<u>04863776</u>	<u>30/03/2007*</u>	<u>18/02/2009</u>	
<u>8</u>	<u>2155</u>	<u>14/02/2007</u>	<u>14/02/2007</u>	<u>04804766</u>	<u>13/02/2008</u>	<u>05/01/2009</u>	<u>Feb 2008 to Jan 2009; Jan-Mar-2010</u>
<u>9</u>	<u>2309</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04865230</u>	<u>29/03/2008</u>	<u>05/01/2009</u>	<u>Mar 2008 to Jan 2009; Jan-Mar-2010</u>
<u>10</u>	<u>2310</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04865235</u>	<u>29/03/2008</u>	<u>05/01/2009</u>	
<u>11</u>	<u>2311</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04881083</u>	<u>29/03/2008</u>	<u>02/02/2009</u>	<u>Mar 2008 to Feb 2009; Feb-Mar 20110</u>
<u>12</u>	<u>2312</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04865229</u>	<u>29/03/2008</u>	<u>02/02/2009</u>	
<u>13</u>	<u>2313</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04881080</u>	<u>29/03/2008</u>	<u>02/02/2009</u>	
<u>14</u>	<u>2314</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04881086</u>	<u>29/03/2008</u>	<u>02/02/2009</u>	
<u>15</u>	<u>2315</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04881082</u>	<u>29/03/2008</u>	<u>02/02/2009</u>	
<u>16</u>	<u>2316</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04881084</u>	<u>29/03/2008</u>	<u>02/02/2009</u>	
<u>17</u>	<u>2317</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04865238</u>	<u>29/03/2008</u>	<u>02/02/2009</u>	

<u>18</u>	<u>2318</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04881058</u>	<u>29/03/2008</u>	<u>02/02/2009</u>	
<u>19</u>	<u>2325</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04880982</u>	<u>29/03/2008</u>	<u>02/02/2009</u>	

2) WTGs owned by DA Satyaprabha

<u>S.N.</u>	<u>HT SC No.</u>	<u>Commissioning date</u>	<u>I calibration</u>	<u>Meter Serial Number</u>	<u>Calibration Due date</u>	<u>II Calibration</u>	<u>Calibration error applied for period</u>
<u>20</u>	<u>2232</u>	<u>26/03/2007</u>	<u>26/03/2007</u>	<u>04881000</u>	<u>25/03/2008</u>	<u>22/12/2008</u>	<u>Feb-Dec 2008, Dec-2009-Mar 2010</u>
<u>21</u>	<u>2233</u>	<u>27/03/2007</u>	<u>26/03/2007</u>	<u>04881001</u>	<u>25/03/2008</u>	<u>22/12/2008</u>	<u>Mar-Dec 2008, Dec-2009 to Mar 2010</u>
<u>22</u>	<u>2319</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04880998</u>	<u>29/03/2008</u>	<u>29/01/2009</u>	<u>Mar-2008 to Jan 2009, Jan-Mar 2010</u>
<u>23</u>	<u>2320</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04881092</u>	<u>29/03/2008</u>	<u>29/01/2009</u>	
<u>24</u>	<u>2321</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04881102</u>	<u>29/03/2008</u>	<u>29/01/2009</u>	

3) WTGs owned by DA Srinivas

<u>S.N.</u>	<u>HT SC No.</u>	<u>Commissioning date</u>	<u>I calibration</u>	<u>Meter Serial Number</u>	<u>Calibration Due date</u>	<u>II Calibration</u>	<u>Calibration error applied for period</u>
<u>25</u>	<u>2170</u>	<u>24/02/2007</u>	<u>24/02/2007</u>	<u>04865478</u>	<u>23/02/2008</u>	<u>05/01/2009</u>	<u>Feb 2008 to Jan 2009; Jan-Mar-2010</u>
<u>26</u>	<u>2270</u>	<u>24/02/2007</u>	<u>29/03/2007</u>	<u>04880997</u>	<u>28/03/2008</u>	<u>06/01/2009</u>	<u>Apr 2007[#]; Feb 2008 to Jan 2009; Jan-Mar-2010</u>
<u>27</u>	<u>2289</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04881107</u>	<u>29/03/2008</u>	<u>06/01/2009</u>	<u>Mar 2008 to Jan 2009; Jan-Mar-2010</u>
<u>28</u>	<u>2306</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04881004</u>	<u>29/03/2008</u>	<u>06/01/2009</u>	
<u>29</u>	<u>2307</u>	<u>30/03/2007</u>	<u>30/03/2007</u>	<u>04881105</u>	<u>29/03/2008</u>	<u>06/01/2009</u>	

<u>30</u>	<u>D9</u>	<u>30/09/2006</u>	<u>-</u>	<u>04804576</u>	<u>29/09/2006*</u>	<u>18/06/09</u>	<u>Apr 2007[#] to May 2009</u>
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4) WTGs owned by DK Audikesavulu

<u>S.N.</u>	<u>HT SC No.</u>	<u>Commissioning date</u>	<u>I calibration</u>	<u>Meter Serial Number</u>	<u>Calibration Due date</u>	<u>II Calibration</u>	<u>Calibration error applied for period</u>
<u>31</u>	<u>D4</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>04863740</u>	<u>29/09/2007</u>	<u>25/06/09</u>	<u>Sept 2007 to Jun 2009</u>
<u>32</u>	<u>D5</u>	<u>29/09/2006</u>	<u>29/09/2006</u>	<u>04862941</u>	<u>28/09/2007</u>	<u>25/06/09</u>	<u>Sept 2007 to Jun 2009</u>
<u>33</u>	<u>D6</u>	<u>30/09/2006</u>	<u>-</u>	<u>04862942</u>	<u>29/09/2006*</u>	<u>12/05/09</u>	<u>Apr 2007[#] till May 2009</u>
<u>34</u>	<u>D7</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>04862944</u>	<u>29/09/2007</u>	<u>25/06/09</u>	<u>Sept 2007 to May 2009</u>
<u>35</u>	<u>D8</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>04862938</u>	<u>29/09/2007</u>	<u>25/06/09</u>	
<u>36</u>	<u>D10</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>04862886</u>	<u>29/09/2007</u>	<u>25/06/09</u>	
<u>37</u>	<u>D11</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>TNB02872</u>	<u>29/09/2007</u>	<u>25/06/09</u>	
<u>38</u>	<u>D12</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>04901991</u>	<u>29/09/2007</u>	<u>25/06/09</u>	
<u>39</u>	<u>D13</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>04862940</u>	<u>29/09/2007</u>	<u>25/06/09</u>	
<u>40</u>	<u>D14</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>04862943</u>	<u>29/09/2007</u>	<u>25/06/09</u>	
<u>41</u>	<u>D16</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>04862937</u>	<u>29/09/2007</u>	<u>02/07/09</u>	<u>Sept 2007 to Jul 2009</u>
<u>42</u>	<u>D17</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>04863734</u>	<u>29/09/2007</u>	<u>02/07/09</u>	
<u>43</u>	<u>D19</u>	<u>30/09/2006</u>	<u>30/09/2006</u>	<u>04804577</u>	<u>29/09/2007</u>	<u>02/07/09</u>	
<u>44</u>	<u>D20</u>	<u>22/11/2006</u>	<u>22/11/2006</u>	<u>04804397</u>	<u>21/11/2007</u>	<u>02/07/09</u>	<u>Nov 2007 to Jul 2009</u>
<u>45</u>	<u>D21</u>	<u>30/12/2006</u>	<u>-</u>	<u>04804394</u>	<u>29/12/2006*</u>	<u>23/05/09</u>	<u>Apr 2007[#] to May 2009</u>
<u>46</u>	<u>D22</u>	<u>30/12/2006</u>	<u>30/12/2006</u>	<u>04863717</u>	<u>29/12/2007</u>	<u>02/07/09</u>	<u>Dec 2007 to May 2009</u>

47	D23	30/12/2006	30/12/2006	TNB 02875	29/12/2007	02/07/09	Dec 2007 to May 2009
48	D24	30/12/2006	30/12/2006	04863774	29/12/2007	25/06/09	Dec 2007 to May 2009
49	D25	30/12/2006	:	TNB 02397	29/12/2006*	23/05/09	Apr 2007[#] to May 2009

5) WTGs in Karnataka

<u>S.N.</u>	<u>RR No.</u>	<u>Commissioning date</u>	<u>I calibration</u>	<u>Meter Serial Number</u>	<u>Calibration Due date</u>	<u>II Calibration</u>	<u>Calibration error applied for period</u>
50	HSN/TL&SS/ WF/H23/04	31/03/2007	:	6675421 (Main Meter) 6760735 (Check Meter)	30/03/2007*	:	Apr 2007[#] to Mar 2010
51	HSN/TL&SS/ WF/H24/04	31/03/2007	:				
52	GDG/TL&SS/ WF/SDPLK/K- 310/89	31/03/2007	:	06605124 (Main Meter) 05342849 (Check Meter)	30/03/2007*	22/09/2008	Apr 2007-Sept 2008; Sept 2009 to Mar 2010
53	GDG/TL&SS/ WF/SDPLK/K- 311/89	31/03/2007	:				

* for WTGs that have missed first calibration, the calibration due date is taken as one day before the Date of commissioning on a conservation basis. Calibration error in such cases is applied for the entire monitoring period.

[#] As explained in Section 11, mostly small capacity machines (600 kW each) were commissioned in 2006 and some WTGs did not operate/ record electricity export data due to different reasons as mentioned in the excel sheet of 'Stoppage details'. Thus, PP has decided to claim emission reductions from 01 April 2007 from where data is consistently available.

Table - 4: Information Used for Emission Reduction Calculations

<u>Sr. No.</u>	<u>Key information/data used for baseline</u>	<u>Source of data/information</u>
<u>1.</u>	<u>Net Electricity Exported to grid</u>	<u>Monthly Meter Readings recorded and certified by TNEB, KSEB & plant personnel.</u>
<u>2.</u>	<u>Baseline Emission Factor</u>	<u>Ministry of Power, Government of India, has estimated the operating margin and the Build margin for the Southern Grid. The extract of the database in CEA Version 4.0 that has been used for the calculation of the Build Margin and Operating margin has been provided in Annexure -1. For the purpose of estimation of VERs, the Combined Margin is used for the crediting period. The combined margin EF is 926.9 tCO₂/GWh</u>

The calibration frequency of meters was not maintained annual. So as a conservative measure, emission reductions have been adjusted to account for the delayed calibration. The same approach is adopted as that specified by UNFCCC for CDM project activities under EB 52 Annex 60: "Guidelines for Assessing compliance with the Calibration Frequency Requirements."

Calculation of Verified Emission Reductions:

The calibration of electricity meters was not done annually as discussed above. Thus, as per the UNFCCC guidelines EB 52- Annex 60, Permissible errors have been applied for the periods not carried out as detailed above during which the calibration could not be done.

- The maximum permissible error is 0.5% for Tamil Nadu WTGS and 0.2% for Karnataka WTGs for the energy meters used in the project activity. Since the calibration was conducted after due date, as a conservative measure, the data were adjusted by applying maximum meter calibration error as discussed in Section above.

The adjusted electricity generation for each of the windmills is given in following table. Detailed calculation is given in the Appendix-1- Emission Reduction Calculation Sheet.

Management system and quality assurance:

The meters are tested and certified periodically against an accepted laboratory standard meter in accordance with electricity standards. The meters are deemed to be working satisfactorily if the errors are within specifications for meters of i.e. its respective accuracy class.

As per the billing period, the Month wise data on electricity generation, electricity exported to grid and electricity imported from grid are presented in a separate monitoring data sheet.

4 QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS

The following formula is adopted for calculating emission reductions generated by the project activity:

The emission reductions for a given year are baseline emissions minus the project emissions and leakage.

$$ER_y = BE_y - PE_y - L_y$$

Where ER_y = Emission reductions in a given year

BE_y = Baseline emissions in a given year

PE_y = Project emissions in a given year

L_y = Leakage in a given year

Baseline Emissions

The baseline emissions are calculated as follows:

$$BE_y = EG_y \cdot EF_y$$

Where EG_y = Net electricity supplied to grid in a given year (MWh)

EF_y = Emission factor for a given year (tCO₂/MWh)

The project has considered the ex-ante emission factor for the combined margin of the Southern grid and the details are furnished below:

Table 5: Ex-Ante Emission Factor for Southern Grid

Operating Margin (OM) in t CO ₂ / GWh	0.9982
Build Margin (BM), in t CO ₂ / GWh	0.7133
Combined Margin (CM)	0.9269

Simple average of OM and BM in t CO₂ / GWh

4.1 Baseline Emissions

NOTE: Readings on blue are not adjusted for calibration errors (as falling within one year of calibration validity)

1) HTSC No. 1312, Location – 709 (P), Kundadam

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
01-Apr-07	464	466.32	408224	406182.88	405716.56	0.9269	376
May-07	2272	2283.36	144912	144187.44	141904.08	0.9269	131
Jun-07	1088	1093.44	258384	257092.08	255998.64	0.9269	237
Jul-07	384	385.92	565264	562437.68	562051.76	0.9269	520
Aug-07	464	466.32	408224	406182.88	405716.56	0.9269	376
Sep-07	672	675.36	423008	420892.96	420217.6	0.9269	389
Oct-07	352	353.76	425456	423328.72	422974.96	0.9269	392
Nov-07	1936	1945.68	56336	56054.32	54108.64	0.9269	50
31-Dec-07	2832	2846.16	25536	25408.32	22562.16	0.9269	20
Total					2691250.96		2,491
Jan-08	2528	2540.64	29488	29340.56	26799.92	0.9269	24

MONITORING REPORT: *vcs Version 3*

Feb-08	1872	1881.36	40144	39943.28	38061.92	0.9269	35
Mar-08	1440	1447.20	45600	45372	43924.8	0.9269	40
Apr-08	2208	2219.04	61712	61403.44	59184.4	0.9269	54
May-08	1360	1366.80	237040	235854.8	234488	0.9269	217
Jun-08	336	337.68	362784	360970.08	360632.4	0.9269	334
Jul-08	144	144.72	535504	532826.48	532681.76	0.9269	493
Aug-08	528	530.64	417072	414986.64	414456	0.9269	384
Sep-08	848	852.24	298656	297162.72	296310.48	0.9269	274
Oct-08	512	514.56	306128	304597.36	304082.8	0.9269	281
Nov-08	2480	2492.40	31280	31123.6	28631.2	0.9269	26
Dec-08	2944	2958.72	28048	27907.76	24949.04	0.9269	23
Total					2364202.72		2,185
Jan-09	2784	2797.92	30032	29881.84	27083.92	0.9269	25
Feb-09	1760	1768.80	55280	55003.6	53234.8	0.9269	49
Mar-09	1872	1872.00	46736	46736	44864	0.9269	41
Apr-09	2832	2832.00	34112	34112	31280	0.9269	28
May-09	1136	1136.00	165200	165200	164064	0.9269	152
Jun-09	432	432.00	411648	411648	411216	0.9269	381
Jul-09	464	464.00	521152	521152	520688	0.9269	482

MONITORING REPORT: VCS Version 3

Aug-09	176	176.00	620352	620352	620176	0.9269	574
Sep-09	544	544.00	435168	435168	434624	0.9269	402
Oct-09	448	448.00	397232	397232	396784	0.9269	367
Nov-09	2560	2560.00	41680	41680	39120	0.9269	36
Dec-09	2672	2672.00	25328	25328	22656	0.9269	20
Total					2765790.72		2,557
Jan-10	1840	1840.00	31216	31216	29376	0.9269	27
Feb-10	1296	1302.48	56944	56659.28	55356.8	0.9269	51
Mar-10	1200	1206.00	50080	49829.6	48623.6	0.9269	45
Total					133356.4		123

7,233

net electricity exported = 79,54,600.80

2) HTSC No. 1329, Location – 804/1 (P), 2 (P), 805 (P), Kundadam

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
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MONITORING REPORT: *VCS Version 3*

Apr-07	2624	2624	27200	27200	24576	0.9269	22
May-07	2480	2480	136032	136032	133552	0.9269	123
Jun-07	688	688	348512	348512	347824	0.9269	322
Jul-07	256	256	586032	586032	585776	0.9269	542
Aug-07	192	192	432448	432448	432256	0.9269	400
Sep-07	352	353.76	440544	438341.28	437987.52	0.9269	405
Oct-07	304	305.52	432816	430651.92	430346.4	0.9269	398
Nov-07	2624	2637.12	54112	53841.44	51204.32	0.9269	47
Dec-07	3360	3376.8	21040	20934.8	17558	0.9269	16
Total					2461080.24		2,275
Jan-08	3152	3167.76	23136	23020.32	19852.56	0.9269	18
Feb-08	2416	2428.08	31680	31521.6	29093.52	0.9269	26
Mar-08	1856	1865.28	38592	38399.04	36533.76	0.9269	33
Apr-08	2592	2604.96	48864	48619.68	46014.72	0.9269	42
May-08	4224	4245.12	207376	206339.12	202094	0.9269	187
Jun-08	448	450.24	328176	326535.12	326084.88	0.9269	302
Jul-08	80	80.4	520928	518323.36	518242.96	0.9269	480
Aug-08	288	289.44	466224	463892.88	463603.44	0.9269	429
Sep-08	144	144.72	275728	274349.36	274204.64	0.9269	254

MONITORING REPORT: *VCS Version 3*

Oct-08	624	627.12	263664	262345.68	261718.56	0.9269	242
Nov-08	2864	2878.32	23216	23099.92	20221.6	0.9269	18
Dec-08	3088	3103.44	22864	22749.68	19646.24	0.9269	18
Total					2217310.88		2,049
Jan-09	2976	2990.88	24752	24628.24	21637.36	0.9269	20
Feb-09	1856	1865.28	44272	44050.64	42185.36	0.9269	39
Mar-09	1984	1984	35936	35936	33952	0.9269	31
Apr-09	2672	2672	26832	26832	24160	0.9269	22
May-09	1232	1232	139184	139184	137952	0.9269	127
Jun-09	384	384	394784	394784	394400	0.9269	365
Jul-09	128	128	552624	552624	552496	0.9269	512
Aug-09	176	176	611152	611152	610976	0.9269	566
Sep-09	512	512	419248	419248	418736	0.9269	388
Oct-09	448	448	374592	374592	374144	0.9269	346
Nov-09	2720	2720	31664	31664	28944	0.9269	26
Dec-09	2592	2592	20768	20768	18176	0.9269	16
Total					2657758.72		2,458
Jan-10	2080	2080	28352	28352	26272	0.9269	24
Feb-10	1488	1495.44	52560	52297.2	50801.76	0.9269	47

Mar-10	1520	1527.6	39472	39274.64	37747.04	0.9269	34
Total					114820.8		105
							6,782

net electricity exported = **74,50,970.64**

3) HTSC No. 1336, Location – 136 (P), South of Chinnaputhur

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	3056	3056	23504	23504	20448	0.9269	18
May-07	2704	2704	99760	99760	97056	0.9269	89
Jun-07	640	640	376400	376400	375760	0.9269	348
Jul-07	400	400	458496	458496	458096	0.9269	424
Aug-07	224	224	513984	513984	513760	0.9269	476
Sep-07	288	289.44	511264	508707.68	508418.24	0.9269	471
Oct-07	464	466.32	440400	438198	437731.68	0.9269	405
Nov-07	2592	2604.96	81984	81574.08	78969.12	0.9269	73
Dec-07	3328	3344.64	21696	21587.52	18242.88	0.9269	16

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Total					2508481.92		2,320
Jan-08	3360	3376.8	19408	19310.96	15934.16	0.9269	14
Feb-08	2384	2395.92	25296	25169.52	22773.6	0.9269	21
Mar-08	2336	2347.68	30320	30168.4	27820.72	0.9269	25
Apr-08	2400	2412	52976	52711.12	50299.12	0.9269	46
May-08	1616	1624.08	210608	209554.96	207930.88	0.9269	192
Jun-08	640	643.2	358544	356751.28	356108.08	0.9269	330
Jul-08	80	80.4	535632	532953.84	532873.44	0.9269	493
Aug-08	128	128.64	169728	168879.36	168750.72	0.9269	156
Sep-08	0	0	0	0	0	0.9269	-
Oct-08	0	0	0	0	0	0.9269	-
Nov-08	0	0	0	0	0	0.9269	-
Dec-08	0	0	0	0	0	0.9269	-
Total					1382490.72		1,277
Jan-09	0	0	0	0	0	0.9269	-
Feb-09	0	0	0	0	0	0.9269	-
Mar-09	0	0	0	0	0	0.9269	-
Apr-09	0	0	0	0	0	0.9269	-
May-09	0	0	0	0	0	0.9269	-

Jun-09	0	0	0	0	0	0.9269	-
Jul-09	0	0	0	0	0	0.9269	-
Aug-09	0	0	0	0	0	0.9269	-
Sep-09	0	0	0	0	0	0.9269	-
Oct-09	0	0	0	0	0	0.9269	-
Nov-09	0	0	0	0	0	0.9269	-
Dec-09	0	0	0	0	0	0.9269	-
Total					0		
Jan-10	0	0	0	0	0	0.9269	-
Feb-10	0	0	0	0	0	0.9269	-
Mar-10	0	0	0	0	0	0.9269	-
Total					0		

3,597

net electricity exported =

38,90,972.64

4) HTSC No. 1337, Location – 178 (P), Chinnaputhur

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ / MWh)	BE (tCO ₂ /MWh)
Apr-07	3120	3120	27456	27456	24336	0.9269	22
May-07	2704	2704	110256	110256	107552	0.9269	99
Jun-07	608	608	392016	392016	391408	0.9269	362
Jul-07	544	544	517664	517664	517120	0.9269	479
Aug-07	240	240	520800	520800	520560	0.9269	482
Sep-07	192	192.96	529424	526776.88	526583.92	0.9269	488
Oct-07	512	514.56	451840	449580.8	449066.24	0.9269	416
Nov-07	2304	2315.52	85728	85299.36	82983.84	0.9269	76
Dec-07	3008	3023.04	24960	24835.2	21812.16	0.9269	20
Total					2641422.16		2,444
Jan-08	2800	2814	23488	23370.56	20556.56	0.9269	19
Feb-08	2112	2122.56	32512	32349.44	30226.88	0.9269	28
Mar-08	2048	2058.24	36576	36393.12	34334.88	0.9269	31
Apr-08	2096	2106.48	59872	59572.64	57466.16	0.9269	53
May-08	1552	1559.76	221184	220078.08	218518.32	0.9269	202
Jun-08	656	659.28	371152	369296.24	368636.96	0.9269	341

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Jul-08	64	64.32	554592	551819.04	551754.72	0.9269	511
Aug-08	272	273.36	564192	561371.04	561097.68	0.9269	520
Sep-08	1024	1029.12	336160	334479.2	333450.08	0.9269	309
Oct-08	624	627.12	341744	340035.28	339408.16	0.9269	314
Nov-08	3392	3408.96	30960	30805.2	27396.24	0.9269	25
Dec-08	3104	3119.52	24112	23991.44	20871.92	0.9269	19
Total					2563718.56		2,372
Jan-09	2928	2942.64	30960	30805.2	27862.56	0.9269	25
Feb-09	1952	1961.76	42192	41981.04	40019.28	0.9269	37
Mar-09	1984	1984	37696	37696	35712	0.9269	33
Apr-09	2896	2896	29072	29072	26176	0.9269	24
May-09	1392	1392	162464	162464	161072	0.9269	149
Jun-09	480	480	421312	421312	420832	0.9269	390
Jul-09	192	192	549696	549696	549504	0.9269	509
Aug-09	112	112	670480	670480	670368	0.9269	621
Sep-09	704	704	490256	490256	489552	0.9269	453
Oct-09	480	480	415296	415296	414816	0.9269	384
Nov-09	3488	3488	40816	40816	37328	0.9269	34
Dec-09	3344	3344	28448	28448	25104	0.9269	23

Total					2898345.84		2,682
Jan-10	2368	2368	23520	23520	21152	0.9269	19
Feb-10	1712	1720.56	45728	45499.36	43778.8	0.9269	40
Mar-10	1888	1897.44	35744	35565.28	33667.84	0.9269	31
Total					98598.64		90
							7,498
net electricity exported =					82,02,085.20		

5) HTSC No. 1440, Location – 2 (P), Pappankulam

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	-		-	0	0	0.9269	-
May-07	-		-	0	0	0.9269	-
Jun-07	-		-	0	0	0.9269	-
Jul-07	540	540	462040	462040	461500	0.9269	427
Aug-07	740	740	540280	540280	539540	0.9269	500
Sep-07	640	640	762160	762160	761520	0.9269	705

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Oct-07	960	960	575580	575580	574620	0.9269	532
Nov-07	4380	4380	78960	78960	74580	0.9269	69
Dec-07	4480	4480	34240	34240	29760	0.9269	27
Total					2441520		2,260
Jan-08	5120	5120	26460	26460	21340	0.9269	19
Feb-08	4480	4502.4	27140	27004.3	22501.9	0.9269	20
Mar-08	4120	4140.6	46440	46207.8	42067.2	0.9269	38
Apr-08	4520	4542.6	63520	63202.4	58659.8	0.9269	54
May-08	1400	1407	25260	25133.7	23726.7	0.9269	21
Jun-08	1180	1185.9	561100	558294.5	557108.6	0.9269	516
Jul-08	180	180.9	694600	691127	690946.1	0.9269	640
Aug-08	500	502.5	769820	765970.9	765468.4	0.9269	709
Sep-08	1980	1989.9	421140	419034.3	417044.4	0.9269	386
Oct-08	1260	1266.3	467940	465600.3	464334	0.9269	430
Nov-08	4620	4643.1	28760	28616.2	23973.1	0.9269	22
Dec-08	4680	4703.4	24560	24437.2	19733.8	0.9269	18
Total					3106904		2,873

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Jan-09	4500	4522.5	16540	16457.3	11934.8	0.9269	11
Feb-09	4120	4140.6	50980	50725.1	46584.5	0.9269	43
Mar-09	3600	3600	53660	53660	50060	0.9269	46
Apr-09	5080	5080	42520	42520	37440	0.9269	34
May-09	2200	2200	250880	250880	248680	0.9269	230
Jun-09	820	820	634260	634260	633440	0.9269	587
Jul-09	580	580	696340	696340	695760	0.9269	644
Aug-09	1060	1060	710080	710080	709020	0.9269	657
Sep-09	2940	2940	0	0	-2940	0.9269	(2)
Oct-09	1680	1680	0	0	-1680	0.9269	(1)
Nov-09	1900	1900	0	0	-1900	0.9269	(1)
Dec-09	2020	2020	0	0	-2020	0.9269	(1)
Total					2424379.3		2,247
Jan-10	1520	1520	0	0	-1520	0.9269	(1)
Feb-10	2960	2974.8	41640	41640	38665.2	0.9269	35
Mar-10	3300	3316.5	39440	39440	36123.5	0.9269	33
Total					73268.7		67

7,380

net electricity exported

=

80,46,072.00

6) HTSC No. U1442, Location – 576/2D(P), 2E(P), Myvadi

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	-	0	-	0	0	0.9269	-
May-07	-	0	-	0	0	0.9269	-
Jun-07	-	0	-	0	0	0.9269	-
Jul-07	840	840	432560	432560	431720	0.9269	400
Aug-07	1240	1240	526460	526460	525220	0.9269	486
Sep-07	1480	1480	501760	501760	500280	0.9269	463
Oct-07	800	800	657660	657660	656860	0.9269	608
Nov-07	4280	4280	90580	90580	86300	0.9269	79
Dec-07	4360	4360	37920	37920	33560	0.9269	31
Total					2233940		2,067
Jan-08	4960	4960	30980	30980	26020	0.9269	24
Feb-08	4200	4200	30640	30640	26440	0.9269	24
Mar-08	3900	3919.5	51120	50864.4	46944.9	0.9269	43

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Apr-08	4140	4160.7	67080	66744.6	62583.9	0.9269	58
May-08	2180	2190.9	326380	324748.1	322557.2	0.9269	298
Jun-08	1060	1065.3	573920	571050.4	569985.1	0.9269	528
Jul-08	180	180.9	713020	709454.9	709274	0.9269	657
Aug-08	2740	2753.7	224960	223835.2	221081.5	0.9269	204
Sep-08	2080	2090.4	0	0	-2090.4	0.9269	(1)
Oct-08	1720	1728.6	284500	283077.5	281348.9	0.9269	260
Nov-08	4260	4281.3	36440	36257.8	31976.5	0.9269	29
Dec-08	4320	4341.6	30860	30705.7	26364.1	0.9269	24
Total					2322485.7		2,148
Jan-09	4180	4200.9	23840	23720.8	19519.9	0.9269	18
Feb-09	3660	3678.3	64760	64436.2	60757.9	0.9269	56
Mar-09	3280	3280	63120	63120	59840	0.9269	55
Apr-09	4400	4400	46400	46400	42000	0.9269	38
May-09	1820	1820	260120	260120	258300	0.9269	239
Jun-09	620	620	659660	659660	659040	0.9269	610
Jul-09	340	340	742860	742860	742520	0.9269	688
Aug-09	200	200	857060	857060	856860	0.9269	794
Sep-09	1000	1000	749360	749360	748360	0.9269	693

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Oct-09	1000	1000	495380	495380	494380	0.9269	458
Nov-09	6200	6200	34340	34340	28140	0.9269	26
Dec-09	2560	2560	0	0	-2560	0.9269	(2)
Total					3967157.8		3,673
Jan-10	1860	1860	10560	10560	8700	0.9269	8
Feb-10	2980	2994.9	51240	50983.8	47988.9	0.9269	44
Mar-10	2880	2894.4	41540	41332.3	38437.9	0.9269	35
Total					95126.8		87
							7,888

net electricity exported = 86,18,710.30

7) HTSC No. 1441, Location – 509 (P), Kannamanaickenur

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/ MWh)	BE (tCO2/MWh)
Apr-07	-	0	-	0	0	0.9269	-
May-07	-	0	-	0	0	0.9269	-
Jun-07	-	0	-	0	0	0.9269	-
Jul-07	940	944.7	454560	452287.2	451342.5	0.9269	418

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Aug-07	300	301.5	722260	718648.7	718347.2	0.9269	665
Sep-07	600	603	728980	725335.1	724732.1	0.9269	671
Oct-07	920	924.6	14640	14566.8	13642.2	0.9269	12
Nov-07	3260	3276.3	51320	51063.4	47787.1	0.9269	44
Dec-07	3360	3376.8	29420	29272.9	25896.1	0.9269	24
Total		0		0	1981747.2		1,834
Jan-08	3640	3658.2	31540	31382.3	27724.1	0.9269	25
Feb-08	3340	3356.7	31340	31183.3	27826.6	0.9269	25
Mar-08	3080	3095.4	52400	52138	49042.6	0.9269	45
Apr-08	3140	3155.7	73860	73490.7	70335	0.9269	65
May-08	1720	1728.6	323980	322360.1	320631.5	0.9269	297
Jun-08	780	783.9	536380	533698.1	532914.2	0.9269	493
Jul-08	180	180.9	729060	725414.7	725233.8	0.9269	672
Aug-08	380	381.9	703860	700340.7	699958.8	0.9269	648
Sep-08	1380	1386.9	431500	429342.5	427955.6	0.9269	396
Oct-08	1080	1085.4	417820	415730.9	414645.5	0.9269	384
Nov-08	3480	3497.4	35440	35262.8	31765.4	0.9269	29
Dec-08	3480	3497.4	33240	33073.8	29576.4	0.9269	27
Total					3357609.5		3,106

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Jan-09	3620	3638.1	29800	29651	26012.9	0.9269	24
Feb-09	3080	3095.4	62820	62505.9	59410.5	0.9269	55
Mar-09	2700	2700	59620	59620	56920	0.9269	52
Apr-09	3540	3540	43060	43060	39520	0.9269	36
May-09	1340	1340	269100	269100	267760	0.9269	248
Jun-09	440	440	655380	655380	654940	0.9269	607
Jul-09	400	400	697220	697220	696820	0.9269	645
Aug-09	500	500	773340	773340	772840	0.9269	716
Sep-09	800	800	629160	629160	628360	0.9269	582
Oct-09	20760	20760	487900	487900	467140	0.9269	432
Nov-09	2780	2780	9180	9180	6400	0.9269	5
Dec-09	2280	2280	0	0	-2280	0.9269	(2)
Total					3673843.4		3,400
Jan-10	2700	2700	11220	11220	8520	0.9269	7
Feb-10	2580	2592.9	55480	55202.6	52609.7	0.9269	48
Mar-10	2120	2130.6	45540	45312.3	43181.7	0.9269	40
Total					104311.4		95

8,340

net electricity exported = 91,17,511.50

8) HTSC No. 2155, Location – 69/2A (Part), 2B (Part), Udayathoor

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	-	0	0	0	0	0.9269	-
May-07	-	0	0	0	0	0.9269	-
Jun-07	-	0	0	0	0	0.9269	-
Jul-07	1392	1392	592464	592464	591072	0.9269	547
Aug-07	1392	1392	592464	592464	591072	0.9269	547
Sep-07	2688	2688	348336	348336	345648	0.9269	320
Oct-07	1416	1416	498816	498816	497400	0.9269	461
Nov-07	3456	3456	188256	188256	184800	0.9269	171
Dec-07	2040	2040	265488	265488	263448	0.9269	244
Total					2473440		2,290
Jan-08	768	768	526224	526224	525456	0.9269	487
Feb-08	2160	2170.8	285360	283933.2	281762.4	0.9269	261
Mar-08	2952	2966.76	319488	317890.56	314923.8	0.9269	291
Apr-08	3888	3907.44	52896	52631.52	48724.08	0.9269	45

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May-08	2952	2966.76	289752	288303.24	285336.48	0.9269	264
Jun-08	1368	1374.84	520104	517503.48	516128.64	0.9269	478
Jul-08	1824	1833.12	459024	456728.88	454895.76	0.9269	421
Aug-08	2640	2653.2	370248	368396.76	365743.56	0.9269	339
Sep-08	4632	4655.16	0	0	-4655.16	0.9269	(4)
Oct-08	1656	1664.28	0	0	-1664.28	0.9269	(1)
Nov-08	1728	1736.64	0	0	-1736.64	0.9269	(1)
Dec-08	1488	1495.44	0	0	-1495.44	0.9269	(1)
Total					2783419.2		2,579
Jan-09	1272	1278.36	237672	236483.64	235205.28	0.9269	218
Feb-09	1176	1176	364392	364392	363216	0.9269	336
Mar-09	2088	2088	40032	40032	37944	0.9269	35
Apr-09	2856	2856	93816	93816	90960	0.9269	84
May-09	2736	2736	258096	258096	255360	0.9269	236
Jun-09	1104	1104	568632	568632	567528	0.9269	526
Jul-09	1800	1800	504432	504432	502632	0.9269	465
Aug-09	3528	3528	249432	249432	245904	0.9269	227
Sep-09	1872	1872	459384	459384	457512	0.9269	424
Oct-09	3120	3120	269728.8	269728.8	266608.8	0.9269	247

Nov-09	3960	3960	147048	147048	143088	0.9269	132
Dec-09	1344	1344	298752	298752	297408	0.9269	275
Total					3463366.08		3,205
Jan-10	888	892.44	410256	410256	409363.56	0.9269	379
Feb-10	960	964.8	348840	348840	347875.2	0.9269	322
Mar-10	2160	2170.8	127320	127320	125149.2	0.9269	116
Total					882387.96		817
							8,074

net electricity exported = 96,02,613.24

9) HTSC No. 2309, Location – 75/3B (Part), 132/1 (Part), Udayathoor

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	216	216	432	432	216	0.9269	-
May-07	3504	3504	95016	95016	91512	0.9269	84
Jun-07	1968	1968	462912	462912	460944	0.9269	427
Jul-07	1224	1224	403080	403080	401856	0.9269	372

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Aug-07	960	960	604968	604968	604008	0.9269	559
Sep-07	2040	2040	385176	385176	383136	0.9269	355
Oct-07	1032	1032	481224	481224	480192	0.9269	445
Nov-07	3144	3144	159744	159744	156600	0.9269	145
Dec-07	1464	1464	281760	281760	280296	0.9269	259
Total					2858760		2,646
Jan-08	744	744	494088	494088	493344	0.9269	457
Feb-08	1872	1872	254832	254832	252960	0.9269	234
Mar-08	2280	2291.4	311640	310081.8	307790.4	0.9269	285
Apr-08	3024	3039.12	43128	42912.36	39873.24	0.9269	36
May-08	2520	2532.6	254952	253677.24	251144.64	0.9269	232
Jun-08	1272	1278.36	498696	496202.52	494924.16	0.9269	458
Jul-08	1632	1640.16	421824	419714.88	418074.72	0.9269	387
Aug-08	2472	2484.36	365496	363668.52	361184.16	0.9269	334
Sep-08	1680	1688.4	433584	431416.08	429727.68	0.9269	398
Oct-08	2520	2532.6	194904	193929.48	191396.88	0.9269	177
Nov-08	3552	3569.76	97536	97048.32	93478.56	0.9269	86
Dec-08	936	940.68	361392	359585.04	358644.36	0.9269	332
Total					3692542.8		3,416

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Jan-09	144	144.72	530640	527986.8	527842.08	0.9269	489
Feb-09	1008	1008	353568	353568	352560	0.9269	326
Mar-09	3600	3600	80808	80808	77208	0.9269	71
Apr-09	3864	3864	90672	90672	86808	0.9269	80
May-09	2328	2328	221112	221112	218784	0.9269	202
Jun-09	504	504	618408	618408	617904	0.9269	572
Jul-09	600	600	648120	648120	647520	0.9269	600
Aug-09	2616	2616	320400	320400	317784	0.9269	294
Sep-09	3984	3984	18144	18144	14160	0.9269	13
Oct-09	2160	2160	0	0	-2160	0.9269	(2)
Nov-09	2160	2160	0	0	-2160	0.9269	(2)
Dec-09	1440	1440	0	0	-1440	0.9269	(1)
Total					2854810.08		2,642
Jan-10	1176	1181.88	0	0	-1181.88	0.9269	(1)
Feb-10	1320	1326.6	256992	256992	255665.4	0.9269	236
Mar-10	1848	1857.24	132480	132480	130622.76	0.9269	121
Total					385106.28		356

8,704

net electricity exported = 97,91,219.16

10) HTSC No. 2310, Location – 153/ 3A (P), 3B (P), 3C (P), 3D (P), Udayathoor

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	480	480	5376	5376	4896	0.9269	4
May-07	2376	2376	51984	51984	49608	0.9269	45
Jun-07	2352	2352	404088	404088	401736	0.9269	372
Jul-07	1536	1536	475944	475944	474408	0.9269	439
Aug-07	960	960	604968	604968	604008	0.9269	559
Sep-07	1992	1992	387696	387696	385704	0.9269	357
Oct-07	1032	1032	465384	465384	464352	0.9269	430
Nov-07	2904	2904	154272	154272	151368	0.9269	140
Dec-07	1608	1608	264336	264336	262728	0.9269	243
Total					2798808		2,589
Jan-08	840	840	470592	470592	469752	0.9269	435
Feb-08	1944	1944	252216	252216	250272	0.9269	231
Mar-08	2376	2387.88	314184	312613.08	310225.2	0.9269	287

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Apr-08	2928	2942.64	33192	33026.04	30083.4	0.9269	27
May-08	2184	2194.92	248976	247731.12	245536.2	0.9269	227
Jun-08	984	988.92	512808	510243.96	509255.04	0.9269	472
Jul-08	1560	1567.8	454656	452382.72	450814.92	0.9269	417
Aug-08	2520	2532.6	187680	186741.6	184209	0.9269	170
Sep-08	2520	2532.6	0	0	-2532.6	0.9269	(2)
Oct-08	2784	2797.92	106440	105907.8	103109.88	0.9269	95
Nov-08	3480	3497.4	121272	120665.64	117168.24	0.9269	108
Dec-08	912	916.56	338088	336397.56	335481	0.9269	310
Total					3003374.28		2,777
Jan-09	168	168.84	506904	504369.48	504200.64	0.9269	467
Feb-09	912	912	340608	340608	339696	0.9269	314
Mar-09	3120	3120	81480	81480	78360	0.9269	72
Apr-09	3432	3432	100728	100728	97296	0.9269	90
May-09	2256	2256	226512	226512	224256	0.9269	207
Jun-09	1032	1032	512928	512928	511896	0.9269	474
Jul-09	1152	1152	543912	543912	542760	0.9269	503
Aug-09	2736	2736	171888	171888	169152	0.9269	156
Sep-09	1272	1272	460080	460080	458808	0.9269	425

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Oct-09	2112	2112	310704	310704	308592	0.9269	286
Nov-09	3552	3552	0	0	-3552	0.9269	(3)
Dec-09	2760	2760	0	0	-2760	0.9269	(2)
Total					3228704.64		2,989
Jan-10	1416	1423.08	227688	226549.56	225126.48	0.9269	208
Feb-10	720	723.6	362616	360802.92	360079.32	0.9269	333
Mar-10	1968	1977.84	130296	129644.52	127666.68	0.9269	118
Total					712872.48		659
							8,355

net electricity exported = 97,43,759.40

11) HTSC No. 2311, Location – 179/5 (Part), Udayathoor

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	144	144	2496	2496	2352	0.9269	2
May-07	1896	1896	22056	22056	20160	0.9269	18

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Jun-07	1272	1272	157320	157320	156048	0.9269	144
Jul-07	1200	1200	479448	479448	478248	0.9269	443
Aug-07	816	816	600768	600768	599952	0.9269	556
Sep-07	1584	1584	403488	403488	401904	0.9269	372
Oct-07	840	840	480840	480840	480000	0.9269	444
Nov-07	2664	2664	163224	163224	160560	0.9269	148
Dec-07	1392	1392	279960	279960	278568	0.9269	258
Total					2577792		2,385
Jan-08	576	576	505680	505680	505104	0.9269	468
Feb-08	1584	1584	272760	272760	271176	0.9269	251
Mar-08	2064	2074.32	308328	306786.36	304712.04	0.9269	282
Apr-08	2976	2990.88	40920	40715.4	37724.52	0.9269	34
May-08	2064	2074.32	287400	285963	283888.68	0.9269	263
Jun-08	2040	2050.2	528744	526100.28	524050.08	0.9269	485
Jul-08	96	96.48	470856	468501.72	468405.24	0.9269	434
Aug-08	1872	1881.36	408840	406795.8	404914.44	0.9269	375
Sep-08	1296	1302.48	454656	452382.72	451080.24	0.9269	418
Oct-08	2184	2194.92	202416	201403.92	199209	0.9269	184
Nov-08	3072	3087.36	115536	114958.32	111870.96	0.9269	103

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Dec-08	912	916.56	318192	316601.04	315684.48	0.9269	292
Total					3877819.68		3,589
Jan-09	144	144.72	504288	501766.56	501621.84	0.9269	464
Feb-09	1296	1302.48	319968	318368.16	317065.68	0.9269	293
Mar-09	2760	2760	79728	79728	76968	0.9269	71
Apr-09	3168	3168	107952	107952	104784	0.9269	97
May-09	1656	1656	254688	254688	253032	0.9269	234
Jun-09	384	384	631368	631368	630984	0.9269	584
Jul-09	624	624	527808	527808	527184	0.9269	488
Aug-09	1536	1536	351000	351000	349464	0.9269	323
Sep-09	720	720	523632	523632	522912	0.9269	484
Oct-09	528	528	360240	360240	359712	0.9269	333
Nov-09	2688	2688	0	0	-2688	0.9269	(2)
Dec-09	1728	1728	0	0	-1728	0.9269	(1)
Total					3639311.52		3,368
Jan-10	1272	1272	220224	220224	218952	0.9269	202
Feb-10	648	651.24	383880	381960.6	381309.36	0.9269	353
Mar-10	1728	1736.64	135048	134372.76	132636.12	0.9269	122
Total					732897.48		677

9,342

net electricity exported = 1,08,27,820.68

12) HTSC No. 2312, Location – 218/2 (Part), Udayathoor

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	216	216	432	432	216	0.9269	-
May-07	2040	2040	52992	52992	50952	0.9269	47
Jun-07	1968	1968	425736	425736	423768	0.9269	392
Jul-07	1560	1560	424200	424200	422640	0.9269	391
Aug-07	888	888	618936	618936	618048	0.9269	572
Sep-07	1776	1776	399864	399864	398088	0.9269	368
Oct-07	912	912	494592	494592	493680	0.9269	457
Nov-07	3048	3048	158712	158712	155664	0.9269	144
Dec-07	1560	1560	260520	260520	258960	0.9269	240
Total					2822016		2,611
Jan-08	888	888	430488	430488	429600	0.9269	398

Feb-08	2112	2112	235344	235344	233232	0.9269	216
Mar-08	3024	3008.88	271248	269891.76	266882.88	0.9269	247
Apr-08	3240	3223.8	32280	32118.6	28894.8	0.9269	26
May-08	2160	2149.2	291216	289759.92	287610.72	0.9269	266
Jun-08	1104	1098.48	504096	501575.52	500477.04	0.9269	463
Jul-08	1632	1623.84	440688	438484.56	436860.72	0.9269	404
Aug-08	2352	2340.24	356496	354713.52	352373.28	0.9269	326
Sep-08	1560	1552.2	415008	412932.96	411380.76	0.9269	381
Oct-08	2616	2602.92	185304	184377.48	181774.56	0.9269	168
Nov-08	3600	3582	106320	105788.4	102206.4	0.9269	94
Dec-08	1176	1170.12	284808	283383.96	282213.84	0.9269	261
Total					3513507		3,250
Jan-09	288	286.56	438336	436144.32	435857.76	0.9269	403
Feb-09	1368	1361.16	282408	280995.96	279634.8	0.9269	259
Mar-09	3624	3624	64248	64248	60624	0.9269	56
Apr-09	3552	3552	123240	123240	119688	0.9269	110
May-09	1992	1992	229176	229176	227184	0.9269	210
Jun-09	936	936	453000	453000	452064	0.9269	419
Jul-09	1176	1176	530640	530640	529464	0.9269	490

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Aug-09	2448	2448	326640	326640	324192	0.9269	300
Sep-09	2952	2952	4896	4896	1944	0.9269	1
Oct-09	2856	2856	0	0	-2856	0.9269	(2)
Nov-09	3120	3120	0	0	-3120	0.9269	(2)
Dec-09	3216	3216	0	0	-3216	0.9269	(2)
Total					2421460.56		2,242
Jan-10	3072	3072	0	0	-3072	0.9269	(2)
Feb-10	1752	1743.24	219216	218119.92	216376.68	0.9269	200
Mar-10	1944	1934.28	115056	114480.72	112546.44	0.9269	104
Total					325851.12		302
							8,103

net electricity exported = 90,82,834.68

13) HTSC No. 2313, Location – 218/2 (Part), Udayathoor

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	216	216	120	120	-96	0.9269	-
May-07	1968	1968	38784	38784	36816	0.9269	34

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Jun-07	2232	2232	246048	246048	243816	0.9269	225
Jul-07	864	864	34944	34944	34080	0.9269	31
Aug-07	1536	1536	0	0	-1536	0.9269	(1)
Sep-07	1560	1560	300072	300072	298512	0.9269	276
Oct-07	888	888	490224	490224	489336	0.9269	453
Nov-07	2904	2904	170664	170664	167760	0.9269	155
Dec-07	1440	1440	249048	249048	247608	0.9269	229
Total					1516296		1,402
Jan-08	816	816	441768	441768	440952	0.9269	408
Feb-08	2016	2016	236760	236760	234744	0.9269	217
Mar-08	2568	2580.84	246000	244770	242189.16	0.9269	224
Apr-08	2880	2894.4	43560	43342.2	40447.8	0.9269	37
May-08	1800	1809	334080	332409.6	330600.6	0.9269	306
Jun-08	840	844.2	524544	521921.28	521077.08	0.9269	482
Jul-08	1488	1495.44	462360	460048.2	458552.76	0.9269	425
Aug-08	1872	1881.36	427488	425350.56	423469.2	0.9269	392
Sep-08	1416	1423.08	456432	454149.84	452726.76	0.9269	419
Oct-08	2304	2315.52	203616	202597.92	200282.4	0.9269	185
Nov-08	3360	3376.8	111528	110970.36	107593.56	0.9269	99

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Dec-08	1008	1013.04	309960	308410.2	307397.16	0.9269	284
Total					3760032.48		3,478
Jan-09	312	313.56	449160	446914.2	446600.64	0.9269	413
Feb-09	1056	1061.28	280632	279228.84	278167.56	0.9269	257
Mar-09	3072	3072	73200	73200	70128	0.9269	65
Apr-09	3360	3360	130344	130344	126984	0.9269	117
May-09	1872	1872	266304	266304	264432	0.9269	245
Jun-09	528	528	602760	602760	602232	0.9269	558
Jul-09	864	864	592920	592920	592056	0.9269	548
Aug-09	1728	1728	345552	345552	343824	0.9269	318
Sep-09	2760	2760	0	0	-2760	0.9269	(2)
Oct-09	3024	3024	0	0	-3024	0.9269	(2)
Nov-09	3192	3192	0	0	-3192	0.9269	(2)
Dec-09	2304	2304	0	0	-2304	0.9269	(2)
Total					2713144.2		2,513
Jan-10	768	768	0	0	-768	0.9269	-
Feb-10	1320	1326.6	26376	26244.12	24917.52	0.9269	23
Mar-10	1656	1664.28	119904	119304.48	117640.2	0.9269	109
Total					141789.72		132

net electricity exported =

81,31,262.40

14) HTSC No. 2314, Location – 153/1 (Part), Vijayapathy

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	984	984	5688	5688	4704	0.9269	4
May-07	2520	2520	84432	84432	81912	0.9269	75
Jun-07	1920	1920	249096	249096	247176	0.9269	229
Jul-07	2208	2208	421752	421752	419544	0.9269	388
Aug-07	1512	1512	539448	539448	537936	0.9269	498
Sep-07	1272	1272	503112	503112	501840	0.9269	465
Oct-07	120	120	515784	515784	515664	0.9269	477
Nov-07	3096	3096	183024	183024	179928	0.9269	166
Dec-07	1464	1464	274512	274512	273048	0.9269	253
Total					2761752		2,555
Jan-08	816	816	429528	429528	428712	0.9269	397
Feb-08	1872	1872	240768	240768	238896	0.9269	221

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Mar-08	3816	3835.08	13608	13539.96	9704.88	0.9269	8
Apr-08	3312	3328.56	53616	53347.92	50019.36	0.9269	46
May-08	3264	3280.32	185976	185046.12	181765.8	0.9269	168
Jun-08	1728	1736.64	343200	341484	339747.36	0.9269	314
Jul-08	1344	1350.72	539904	537204.48	535853.76	0.9269	496
Aug-08	1896	1905.48	506376	503844.12	501938.64	0.9269	465
Sep-08	5280	5306.4	0	0	-5306.4	0.9269	(4)
Oct-08	3168	3183.84	113976	113406.12	110222.28	0.9269	102
Nov-08	3456	3473.28	123144	122528.28	119055	0.9269	110
Dec-08	1224	1230.12	279408	278010.96	276780.84	0.9269	256
Total					2787389.52		2,579
Jan-09	288	289.44	438480	436287.6	435998.16	0.9269	404
Feb-09	1368	1374.84	284424	283001.88	281627.04	0.9269	261
Mar-09	3384	3384	81072	81072	77688	0.9269	72
Apr-09	3792	3792	115224	115224	111432	0.9269	103
May-09	1776	1776	395472	395472	393696	0.9269	364
Jun-09	480	480	680688	680688	680208	0.9269	630
Jul-09	840	840	628632	628632	627792	0.9269	581
Aug-09	2088	2088	477360	477360	475272	0.9269	440

Sep-09	2976	2976	99552	99552	96576	0.9269	89
Oct-09	1776	1776	0	0	-1776	0.9269	(1)
Nov-09	1872	1872	0	0	-1872	0.9269	(1)
Dec-09	1728	1728	0	0	-1728	0.9269	(1)
Total					3174913.2		2,941
Jan-10	2088	2088	0	0	-2088	0.9269	(1)
Feb-10	2304	2315.52	0	0	-2315.52	0.9269	(2)
Mar-10	2160	2170.8	146208	145476.96	143306.16	0.9269	132
Total					138902.64		129

8,075

net electricity exported = 88,62,957.36

15) HTSC No. 2315, Location – 144/1(Part), Vijayapathy

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	288	288	504	504	216	0.9269	-
May-07	2832	2832	49512	49512	46680	0.9269	43
Jun-07	1536	1536	297408	297408	295872	0.9269	274

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Jul-07	2040	2040	425472	425472	423432	0.9269	392
Aug-07	1488	1488	456120	456120	454632	0.9269	421
Sep-07	1200	1200	485664	485664	484464	0.9269	449
Oct-07	624	624	533448	533448	532824	0.9269	493
Nov-07	2760	2760	148224	148224	145464	0.9269	134
Dec-07	1464	1464	274848	274848	273384	0.9269	253
Total					2656968		2,459
Jan-08	768	768	412008	412008	411240	0.9269	381
Feb-08	1704	1704	256416	256416	254712	0.9269	236
Mar-08	2160	2170.8	325176	323550.12	321379.32	0.9269	297
Apr-08	2784	2797.92	63480	63162.6	60364.68	0.9269	55
May-08	1272	1278.36	405960	403930.2	402651.84	0.9269	373
Jun-08	672	675.36	581544	578636.28	577960.92	0.9269	535
Jul-08	1272	1278.36	533544	530876.28	529597.92	0.9269	490
Aug-08	1560	1567.8	514104	511533.48	509965.68	0.9269	472
Sep-08	2976	2990.88	69696	69347.52	66356.64	0.9269	61
Oct-08	2400	2412	179520	178622.4	176210.4	0.9269	163
Nov-08	3096	3111.48	128520	127877.4	124765.92	0.9269	115
Dec-08	984	988.92	288696	287252.52	286263.6	0.9269	265

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Total					3721468.92		3,443
Jan-09	240	241.2	431376	429219.12	428977.92	0.9269	397
Feb-09	1152	1157.76	285288	283861.56	282703.8	0.9269	262
Mar-09	2784	2784	88440	88440	85656	0.9269	79
Apr-09	2976	2976	123840	123840	120864	0.9269	112
May-09	1512	1512	398472	398472	396960	0.9269	367
Jun-09	456	456	662304	662304	661848	0.9269	613
Jul-09	912	912	458544	458544	457632	0.9269	424
Aug-09	1920	1920	449088	449088	447168	0.9269	414
Sep-09	2904	2904	153696	153696	150792	0.9269	139
Oct-09	3000	3000	0	0	-3000	0.9269	(2)
Nov-09	3552	3552	0	0	-3552	0.9269	(3)
Dec-09	2592	2592	0	0	-2592	0.9269	(2)
Total					3023457.72		2,800
Jan-10	1752	1752	0	0	-1752	0.9269	(1)
Feb-10	696	699.48	0	0	-699.48	0.9269	-
Mar-10	2304	2315.52	162048	161237.76	158922.24	0.9269	147
					156470.76		146
							8,702

net electricity exported =

95,58,365.40

16) HTSC No. 2316, Location – 87/1(Part), Vijayapathy

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/ MWh)	BE (tCO2/MWh)
Apr-07	960	960	19248	19248	18288	0.9269	16
May-07	2352	2352	223656	223656	221304	0.9269	205
Jun-07	1104	1104	408288	408288	407184	0.9269	377
Jul-07	2136	2136	394368	394368	392232	0.9269	363
Aug-07	1536	1536	508104	508104	506568	0.9269	469
Sep-07	1056	1056	496560	496560	495504	0.9269	459
Oct-07	576	576	564696	564696	564120	0.9269	522
Nov-07	2496	2496	156504	156504	154008	0.9269	142
Dec-07	1248	1248	294864	294864	293616	0.9269	272
Total					3052824		2,825
Jan-08	792	792	454896	454896	454104	0.9269	420
Feb-08	1608	1608	294504	294504	292896	0.9269	271
Mar-08	2304	2315.52	320592	318989.04	316673.52	0.9269	293
Apr-08	2424	2436.12	64776	64452.12	62016	0.9269	57

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May-08	1248	1254.24	412464	410401.68	409147.44	0.9269	379
Jun-08	624	627.12	595104	592128.48	591501.36	0.9269	548
Jul-08	912	916.56	549600	546852	545935.44	0.9269	506
Aug-08	1512	1519.56	473664	471295.68	469776.12	0.9269	435
Sep-08	1608	1616.04	245016	243790.92	242174.88	0.9269	224
Oct-08	1728	1736.64	261336	260029.32	258292.68	0.9269	239
Nov-08	2352	2363.76	130008	129357.96	126994.2	0.9269	117
Dec-08	792	795.96	347832	346092.84	345296.88	0.9269	320
Total					4114808.52		3,809
Jan-09	168	168.84	496464	493981.68	493812.84	0.9269	457
Feb-09	936	940.68	318768	317174.16	316233.48	0.9269	293
Mar-09	2472	2472	90792	90792	88320	0.9269	81
Apr-09	2520	2520	133920	133920	131400	0.9269	121
May-09	1296	1296	410232	410232	408936	0.9269	379
Jun-09	576	576	651000	651000	650424	0.9269	602
Jul-09	504	504	685416	685416	684912	0.9269	634
Aug-09	1368	1368	475848	475848	474480	0.9269	439
Sep-09	3240	3240	0	0	-3240	0.9269	(3)
Oct-09	1008	1008	72	72	-936	0.9269	-

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Nov-09	264	264	0	0	-264	0.9269	-
Dec-09	360	360	0	0	-360	0.9269	-
Total					3243718.32		3,003
Jan-10	312	312	24	24	-288	0.9269	-
Feb-10	744	747.72	0	0	-747.72	0.9269	-
Mar-10	1512	1519.56	143064	142348.68	140829.12	0.9269	130
Total					139793.4		130
							9,637

net electricity exported = 1,05,51,144.24

17) HTSC No. 2317, Location – 414/1(Part), Udayathoor

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/ MWh)	BE (tCO2/MWh)
Apr-07	240	240	3624	3624	3384	0.9269	3
May-07	3360	3360	100200	100200	96840	0.9269	89
Jun-07	1584	1584	488448	488448	486864	0.9269	451
Jul-07	2520	2520	384240	384240	381720	0.9269	353
Aug-07	1848	1848	503232	503232	501384	0.9269	464

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Sep-07	1368	1368	458040	458040	456672	0.9269	423
Oct-07	792	792	517464	517464	516672	0.9269	478
Nov-07	3096	3096	169896	169896	166800	0.9269	154
Dec-07	1608	1608	253848	253848	252240	0.9269	233
Total					2862576		2,648
Jan-08	888	888	433104	433104	432216	0.9269	400
Feb-08	2160	2160	238584	238584	236424	0.9269	219
Mar-08	2976	2990.88	276144	274763.28	271772.4	0.9269	251
Apr-08	3360	3376.8	47112	46876.44	43499.64	0.9269	40
May-08	1632	1640.16	364440	362617.8	360977.64	0.9269	334
Jun-08	720	723.6	591048	588092.76	587369.16	0.9269	544
Jul-08	1176	1181.88	556272	553490.64	552308.76	0.9269	511
Aug-08	1608	1616.04	506832	504297.84	502681.8	0.9269	465
Sep-08	1200	1206	480216	477814.92	476608.92	0.9269	441
Oct-08	2472	2484.36	220344	219242.28	216757.92	0.9269	200
Nov-08	3744	3762.72	117792	117203.04	113440.32	0.9269	105
Dec-08	1056	1061.28	320040	318439.8	317378.52	0.9269	294
Total					4111435.08		3,804
Jan-09	216	217.08	454032	451761.84	451544.76	0.9269	418

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Feb-09	1416	1423.08	259080	257784.6	256361.52	0.9269	237
Mar-09	3360	3360	78144	78144	74784	0.9269	69
Apr-09	3480	3480	125328	125328	121848	0.9269	112
May-09	2496	2496	94728	94728	92232	0.9269	85
Jun-09	1128	1128	397536	397536	396408	0.9269	367
Jul-09	984	984	559632	559632	558648	0.9269	517
Aug-09	2424	2424	361608	361608	359184	0.9269	332
Sep-09	4008	4008	0	0	-4008	0.9269	(3)
Oct-09	2736	2736	0	0	-2736	0.9269	(2)
Nov-09	3264	3264	0	0	-3264	0.9269	(3)
Dec-09	2760	2760	0	0	-2760	0.9269	(2)
Total					2298242.28		2,127
Jan-10	2208	2208	0	0	-2208	0.9269	(2)
Feb-10	2760	2773.8	0	0	-2773.8	0.9269	(2)
Mar-10	1944	1953.72	91080	90624.6	88670.88	0.9269	82
Total					83689.08		78

8,579

net electricity exported = 93,55,942.44

18) HTSC No. 2318, Location – 5(Part), Vijayapathy

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	216	216	9120	9120	8904	0.9269	8
May-07	2136	2136	55680	55680	53544	0.9269	49
Jun-07	1536	1536	367176	367176	365640	0.9269	338
Jul-07	1320	1320	313152	313152	311832	0.9269	289
Aug-07	504	504	571800	571800	571296	0.9269	529
Sep-07	888	888	387984	387984	387096	0.9269	358
Oct-07	576	576	410016	410016	409440	0.9269	379
Nov-07	2904	2904	150072	150072	147168	0.9269	136
Dec-07	1680	1680	189984	189984	188304	0.9269	174
Total					2443224		2,260
Jan-08	696	696	354984	354984	354288	0.9269	328
Feb-08	1944	1944	252864	252864	250920	0.9269	232
Mar-08	2832	2846.16	271392	270035.04	267188.88	0.9269	247
Apr-08	2784	2797.92	49632	49383.84	46585.92	0.9269	43
May-08	1344	1350.72	390240	388288.8	386938.08	0.9269	358
Jun-08	720	723.6	543072	540356.64	539633.04	0.9269	500

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Jul-08	1176	1181.88	493704	491235.48	490053.6	0.9269	454
Aug-08	1224	1230.12	440760	438556.2	437326.08	0.9269	405
Sep-08	1800	1809	268368	267026.16	265217.16	0.9269	245
Oct-08	2832	2846.16	0	0	-2846.16	0.9269	(2)
Nov-08	1800	1809	144	143.28	-1665.72	0.9269	(1)
Dec-08	2376	2387.88	0	0	-2387.88	0.9269	(2)
Total					3031251		2,807
Jan-09	768	771.84	344088	342367.56	341595.72	0.9269	316
Feb-09	1608	1616.04	257304	256017.48	254401.44	0.9269	235
Mar-09	3384	3384	66120	66120	62736	0.9269	58
Apr-09	3312	3312	116088	116088	112776	0.9269	104
May-09	1416	1416	391200	391200	389784	0.9269	361
Jun-09	1464	1464	353688	353688	352224	0.9269	326
Jul-09	1080	1080	550824	550824	549744	0.9269	509
Aug-09	1728	1728	477720	477720	475992	0.9269	441
Sep-09	1992	1992	357480	357480	355488	0.9269	329
Oct-09	1632	1632	0	0	-1632	0.9269	(1)
Nov-09	2064	2064	0	0	-2064	0.9269	(1)
Dec-09	2184	2184	0	0	-2184	0.9269	(2)

Total					2888861.16		2,675
Jan-10	2328	2328	0	0	-2328	0.9269	(2)
Feb-10	2352	2363.76	0	0	-2363.76	0.9269	(2)
Mar-10	1848	1857.24	82704	82290.48	80433.24	0.9269	74
Total					75741.48		70
							7,742

net electricity exported = 84,39,077.64

19) HTSC No. 2325, Location – 70/2(Part), Vijayapathy

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	24	24	72	72	48	0.9269	-
May-07	0	0	0	0	0	0.9269	-
Jun-07	2112	2112	136944	136944	134832	0.9269	124
Jul-07	1704	1704	299592	299592	297888	0.9269	276
Aug-07	960	960	502368	502368	501408	0.9269	464
Sep-07	1128	1128	383064	383064	381936	0.9269	354

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Oct-07	1632	1632	140736	140736	139104	0.9269	128
Nov-07	2880	2880	117840	117840	114960	0.9269	106
Dec-07	1464	1464	232488	232488	231024	0.9269	214
Total					1801200		1,666
Jan-08	696	696	402408	402408	401712	0.9269	372
Feb-08	2256	2256	272832	272832	270576	0.9269	250
Mar-08	3264	3280.32	272664	271300.68	268020.36	0.9269	248
Apr-08	3192	3207.96	45360	45133.2	41925.24	0.9269	38
May-08	1656	1664.28	389496	387548.52	385884.24	0.9269	357
Jun-08	696	699.48	562104	559293.48	558594	0.9269	517
Jul-08	1320	1326.6	503616	501097.92	499771.32	0.9269	463
Aug-08	1776	1784.88	386976	385041.12	383256.24	0.9269	355
Sep-08	1728	1736.64	360408	358605.96	356869.32	0.9269	330
Oct-08	2592	2604.96	146016	145285.92	142680.96	0.9269	132
Nov-08	3432	3449.16	116712	116128.44	112679.28	0.9269	104
Dec-08	1176	1181.88	298272	296780.64	295598.76	0.9269	273
Total					3717567.72		3,439
Jan-09	360	361.8	473280	470913.6	470551.8	0.9269	436
Feb-09	1464	1471.32	289800	288351	286879.68	0.9269	265

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Mar-09	3888	3888	73296	73296	69408	0.9269	64
Apr-09	3864	3864	113616	113616	109752	0.9269	101
May-09	24	24	9984	9984	9960	0.9269	9
Jun-09	960	960	400848	400848	399888	0.9269	370
Jul-09	1176	1176	531264	531264	530088	0.9269	491
Aug-09	1776	1776	441864	441864	440088	0.9269	407
Sep-09	2856	2856	80112	80112	77256	0.9269	71
Oct-09	2640	2640	24	24	-2616	0.9269	(2)
Nov-09	3000	3000	0	0	-3000	0.9269	(2)
Dec-09	2328	2328	0	0	-2328	0.9269	(2)
Total					2385927.48		2,208
Jan-10	2712	2712	0	0	-2712	0.9269	(2)
Feb-10	2640	2653.2	0	0	-2653.2	0.9269	(2)
Mar-10	1752	1760.76	129696	129047.52	127286.76	0.9269	117
Total					121921.56		113
							7,313

net electricity exported = 80,26,616.76

20) HTSC No. 2232, Location – 210/1A(P), Azhagiapandiapuram

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	1500	1500	4320	4320	2820	0.9269	2
May-07	1332	1332	90216	90216	88884	0.9269	82
Jun-07	516	516	161772	161772	161256	0.9269	149
Jul-07	120	120	267756	267756	267636	0.9269	248
Aug-07	96	96	252420	252420	252324	0.9269	233
Sep-07	396	396	186840	186840	186444	0.9269	172
Oct-07	468	468	194796	194796	194328	0.9269	180
Nov-07	2304	2304	29124	29124	26820	0.9269	24
Dec-07	972	972	13788	13788	12816	0.9269	11
Total					1193328		1,101
Jan-08	1152	1152	19380	19380	18228	0.9269	16
Feb-08	1800	1809	8268	8226.66	6417.66	0.9269	5
Mar-08	1524	1531.62	18348	18256.26	16724.64	0.9269	15
Apr-08	2448	2460.24	11460	11402.7	8942.46	0.9269	8
May-08	888	892.44	121992	121382.04	120489.6	0.9269	111
Jun-08	156	156.78	235500	234322.5	234165.72	0.9269	217
Jul-08	156	156.78	231096	229940.52	229783.74	0.9269	212

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Aug-08	48	48.24	271668	270309.66	270261.42	0.9269	250
Sep-08	684	687.42	154956	154181.22	153493.8	0.9269	142
Oct-08	1188	1193.94	88212	87770.94	86577	0.9269	80
Nov-08	1680	1688.4	13908	13838.46	12150.06	0.9269	11
Dec-08	1908	1917.54	18180	18089.1	16171.56	0.9269	14
Total					1173405.66		1,081
Jan-09	1152	1152	26148	26148	24996	0.9269	23
Feb-09	1800	1800	14604	14604	12804	0.9269	11
Mar-09	1896	1896	12420	12420	10524	0.9269	9
Apr-09	2220	2220	17172	17172	14952	0.9269	13
May-09	780	780	105240	105240	104460	0.9269	96
Jun-09	252	252	260412	260412	260160	0.9269	241
Jul-09	24	24	302892	302892	302868	0.9269	280
Aug-09	156	156	293436	293436	293280	0.9269	271
Sep-09	576	576	203376	203376	202800	0.9269	187
Oct-09	636	636	184164	184164	183528	0.9269	170
Nov-09	2352	2352	15852	15852	13500	0.9269	12
Dec-09	2028	2038.14	9924	9874.38	7836.24	0.9269	7
Total					1431708.24		1,320

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Jan-10	2016	2026.08	22428	22428	20401.92	0.9269	18
Feb-10	1896	1905.48	10584	10584	8678.52	0.9269	8
Mar-10	2244	2255.22	13188	13188	10932.78	0.9269	10
Total					40013.22		36

3,502

net electricity exported = **38,38,455.12**

21) HTSC No. 2233, Location – 287(P), Azhagiapandiapuram

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	1524	1524	6204	6204	4680	0.9269	4
May-07	1344	1344	88608	88608	87264	0.9269	80
Jun-07	540	540	155064	155064	154524	0.9269	143
Jul-07	120	120	263580	263580	263460	0.9269	244
Aug-07	72	72	248004	248004	247932	0.9269	229
Sep-07	396	396	179268	179268	178872	0.9269	165
Oct-07	480	480	191304	191304	190824	0.9269	176
Nov-07	2292	2292	29652	29652	27360	0.9269	25

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Dec-07	924	924	15420	15420	14496	0.9269	13
Total					1169412		1,079
Jan-08	1044	1044	20640	20640	19596	0.9269	18
Feb-08	1776	1776	8904	8904	7128	0.9269	6
Mar-08	1560	1567.8	18168	18077.16	16509.36	0.9269	15
Apr-08	2376	2387.88	11772	11713.14	9325.26	0.9269	8
May-08	852	856.26	118032	117441.84	116585.58	0.9269	108
Jun-08	216	217.08	225564	224436.18	224219.1	0.9269	207
Jul-08	156	156.78	224784	223660.08	223503.3	0.9269	207
Aug-08	96	96.48	264984	263659.08	263562.6	0.9269	244
Sep-08	720	723.6	146724	145990.38	145266.78	0.9269	134
Oct-08	1140	1145.7	82392	81980.04	80834.34	0.9269	74
Nov-08	1668	1676.34	13068	13002.66	11326.32	0.9269	10
Dec-08	1932	1941.66	18324	18232.38	16290.72	0.9269	15
Total					1134147.36		1,046
Jan-09	1056	1056	24900	24900	23844	0.9269	22
Feb-09	1176	1176	0	0	-1176	0.9269	(1)
Mar-09	156	156	264	264	108	0.9269	-
Apr-09	2184	2184	17364	17364	15180	0.9269	14

May-09	708	708	100512	100512	99804	0.9269	92
Jun-09	216	216	255996	255996	255780	0.9269	237
Jul-09	60	60	301164	301164	301104	0.9269	279
Aug-09	168	168	286896	286896	286728	0.9269	265
Sep-09	516	516	200136	200136	199620	0.9269	185
Oct-09	540	540	181704	181704	181164	0.9269	167
Nov-09	2076	2076	16740	16740	14664	0.9269	13
Dec-09	1704	1712.52	10860	10805.7	9093.18	0.9269	8
Total					1385913.18		1,281
Jan-10	1716	1724.58	22188	22188	20463.42	0.9269	18
Feb-10	1680	1688.4	11364	11364	9675.6	0.9269	8
Mar-10	2004	2014.02	14736	14736	12721.98	0.9269	11
Total					42861		37

3,406

net electricity exported = 37,32,333.54

22) HTSC No. 2319, Location – 178/7, Sambavarvadakarai

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1176	1176	4416	4416	3240	0.9269	3
May-07	936	936	100248	100248	99312	0.9269	92
Jun-07	360	360	179052	179052	178692	0.9269	165
Jul-07	132	132	183540	183540	183408	0.9269	170
Aug-07	120	120	216252	216252	216132	0.9269	200
Sep-07	264	264	177072	177072	176808	0.9269	163
Oct-07	168	168	144672	144672	144504	0.9269	133
Nov-07	2004	2004	36744	36744	34740	0.9269	32
Dec-07	672	672	6396	6396	5724	0.9269	5
Total					1042560		963
Jan-08	324	324	6156	6125.22	5801.22	0.9269	5
Feb-08	624	624	3384	3367.08	2743.08	0.9269	2
Mar-08	588	590.94	8136	8095.32	7504.38	0.9269	6
Apr-08	792	795.96	14592	14519.04	13723.08	0.9269	12
May-08	420	422.1	159600	158802	158379.9	0.9269	146
Jun-08	0	0	277032	275646.84	275646.84	0.9269	255
Jul-08	12	12.06	260820	259515.9	259503.84	0.9269	240

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Aug-08	24	24.12	259560	258262.2	258238.08	0.9269	239
Sep-08	204	205.02	193368	192401.16	192196.14	0.9269	178
Oct-08	408	410.04	153492	152724.54	152314.5	0.9269	141
Nov-08	888	892.44	19848	19748.76	18856.32	0.9269	17
Dec-08	1080	1085.4	18504	18411.48	17326.08	0.9269	16
Total					1362233.46		1,257
Jan-09	1224	1230.12	15492	15414.54	14184.42	0.9269	13
Feb-09	1668	1668	18528	18528	16860	0.9269	15
Mar-09	1680	1680	11304	11304	9624	0.9269	8
Apr-09	2796	2796	8196	8196	5400	0.9269	5
May-09	336	336	170532	170532	170196	0.9269	157
Jun-09	132	132	310284	310284	310152	0.9269	287
Jul-09	84	84	278940	278940	278856	0.9269	258
Aug-09	96	96	331764	331764	331668	0.9269	307
Sep-09	288	288	226356	226356	226068	0.9269	209
Oct-09	276	276	209964	209964	209688	0.9269	194
Nov-09	2088	2088	11436	11436	9348	0.9269	8
Dec-09	2088	2088	5940	5940	3852	0.9269	3
Total					1585896.42		1,464

Jan-10	2208	2219.04	9744	9695.28	7476.24	0.9269	6
Feb-10	1848	1857.24	9552	9504.24	7647	0.9269	7
Mar-10	1848	1857.24	9816	9766.92	7909.68	0.9269	7
Total					23032.92		20

3,684

net electricity exported = 40,13,722.80

23) HTSC No. 2320, Location – 125/7(P), 8(P), 9(P),10(P), Sambavarvadakarai

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1320	1320	2904	2904	1584	0.9269	1
May-07	984	984	106908	106908	105924	0.9269	98
Jun-07	264	264	196272	196272	196008	0.9269	181
Jul-07	192	192	179028	179028	178836	0.9269	165
Aug-07	264	264	207408	207408	207144	0.9269	192
Sep-07	264	264	186912	186912	186648	0.9269	173
Oct-07	156	156	160548	160548	160392	0.9269	148

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Nov-07	1932	1932	49704	49704	47772	0.9269	44
Dec-07	648	648	5880	5880	5232	0.9269	4
Total					1089540		1,006
Jan-08	348	348	6024	6024	5676	0.9269	5
Feb-08	588	588	3252	3252	2664	0.9269	2
Mar-08	588	590.94	84	83.58	-507.36	0.9269	-
Apr-08	828	832.14	16068	15987.66	15155.52	0.9269	14
May-08	324	325.62	163392	162575.04	162249.42	0.9269	150
Jun-08	96	96.48	272964	271599.18	271502.7	0.9269	251
Jul-08	36	36.18	270564	269211.18	269175	0.9269	249
Aug-08	36	36.18	268332	266990.34	266954.16	0.9269	247
Sep-08	228	229.14	175572	174694.14	174465	0.9269	161
Oct-08	408	410.04	188268	187326.66	186916.62	0.9269	173
Nov-08	936	940.68	21756	21647.22	20706.54	0.9269	19
Dec-08	1104	1109.52	20712	20608.44	19498.92	0.9269	18
Total					1394456.52		1,289
Jan-09	1332	1338.66	16512	16429.44	15090.78	0.9269	13
Feb-09	1644	1644	18540	18540	16896	0.9269	15
Mar-09	1704	1704	12300	12300	10596	0.9269	9

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Apr-09	2544	2544	9108	9108	6564	0.9269	6
May-09	204	204	179856	179856	179652	0.9269	166
Jun-09	120	120	321972	321972	321852	0.9269	298
Jul-09	24	24	289764	289764	289740	0.9269	268
Aug-09	48	48	331356	331356	331308	0.9269	307
Sep-09	240	240	235692	235692	235452	0.9269	218
Oct-09	192	192	215304	215304	215112	0.9269	199
Nov-09	1752	1752	11136	11136	9384	0.9269	8
Dec-09	1848	1848	5712	5712	3864	0.9269	3
Total					1635510.78		1,510
Jan-10	2076	2086.38	10728	10674.36	8587.98	0.9269	7
Feb-10	1896	1905.48	10476	10423.62	8518.14	0.9269	7
Mar-10	1824	1833.12	9312	9265.44	7432.32	0.9269	6
Total					24538.44		20

3,805

net electricity exported =

41,44,045.74

24) HTSC No. 2321, Location – 44/2, 3, 4(P), Sambavarvadakarai

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	744	744	540	540	-204	0.9269	-
May-07	852	852	86796	86796	85944	0.9269	79
Jun-07	432	432	200532	200532	200100	0.9269	185
Jul-07	144	144	228468	228468	228324	0.9269	211
Aug-07	156	156	240696	240696	240540	0.9269	222
Sep-07	240	240	164052	164052	163812	0.9269	151
Oct-07	156	156	50244	50244	50088	0.9269	46
Nov-07	1740	1740	50244	50244	48504	0.9269	44
Dec-07	732	732	7224	7224	6492	0.9269	6
Total					1023600		944
Jan-08	348	348	6708	6708	6360	0.9269	5
Feb-08	660	660	3588	3588	2928	0.9269	2
Mar-08	540	542.7	8208	8166.96	7624.26	0.9269	7
Apr-08	900	904.5	18768	18674.16	17769.66	0.9269	16
May-08	312	313.56	195276	194299.62	193986.06	0.9269	179
Jun-08	60	60.3	333432	331764.84	331704.54	0.9269	307
Jul-08	72	72.36	297504	296016.48	295944.12	0.9269	274

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Aug-08	36	36.18	300012	298511.94	298475.76	0.9269	276
Sep-08	264	265.32	231948	230788.26	230522.94	0.9269	213
Oct-08	252	253.26	148560	147817.2	147563.94	0.9269	136
Nov-08	0	0	0	0	0	0.9269	-
Dec-08	0	0	0	0	0	0.9269	-
Total					1532879.28		1,415
Jan-09	0	0	0	0	0	0.9269	-
Feb-09	0	0	0	0	0	0.9269	-
Mar-09	24	24	0	0	-24	0.9269	-
Apr-09	2796	2796	8796	8796	6000	0.9269	5
May-09	264	264	146856	146856	146592	0.9269	135
Jun-09	180	180	434736	434736	434556	0.9269	402
Jul-09	180	180	300432	300432	300252	0.9269	278
Aug-09	96	96	365988	365988	365892	0.9269	339
Sep-09	288	288	243732	243732	243444	0.9269	225
Oct-09	192	192	256524	256524	256332	0.9269	237
Nov-09	2040	2040	17160	17160	15120	0.9269	14
Dec-09	1980	1980	7968	7968	5988	0.9269	5
Total					1774152		1,640

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Jan-10	2220	2231.1	11268	11268	9036.9	0.9269	8
Feb-10	1740	1748.7	13032	13032	11283.3	0.9269	10
Mar-10	1656	1664.28	12912	12912	11247.72	0.9269	10
Total				0	31567.92		28

3,999

net electricity exported =

43,62,199.20

25) HTSC No. 2170, Location – 133/1 (Part), Udayathoor

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	-	0	-	0	0	0.9269	-
May-07	-	0	-	0	0	0.9269	-
Jun-07	-	0	-	0	0	0.9269	-
Jul-07	864	864	246624	246624	245760	0.9269	227
Aug-07	1104	1104	594288	594288	593184	0.9269	549
Sep-07	2400	2400	369408	369408	367008	0.9269	340
Oct-07	1296	1296	495456	495456	494160	0.9269	458
Nov-07	3216	3216	174864	174864	171648	0.9269	159

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Dec-07	1560	1560	284904	284904	283344	0.9269	262
Total					2155104		1,995
Jan-08	696	696	489960	489960	489264	0.9269	453
Feb-08	1944	1953.72	252312	251050.44	249096.72	0.9269	230
Mar-08	2736	2749.68	303168	301652.16	298902.48	0.9269	277
Apr-08	4776	4799.88	44832	44607.84	39807.96	0.9269	36
May-08	2904	2918.52	246984	245749.08	242830.56	0.9269	225
Jun-08	1152	1157.76	507000	504465	503307.24	0.9269	466
Jul-08	1728	1736.64	446160	443929.2	442192.56	0.9269	409
Aug-08	2424	2436.12	388224	386282.88	383846.76	0.9269	355
Sep-08	1728	1736.64	452664	450400.68	448664.04	0.9269	415
Oct-08	2760	2773.8	182544	181631.28	178857.48	0.9269	165
Nov-08	4008	4028.04	125112	124486.44	120458.4	0.9269	111
Dec-08	960	964.8	351144	349388.28	348423.48	0.9269	322
Total					3745651.68		3,464
Jan-09	168	168.84	510192	507641.04	507472.2	0.9269	470
Feb-09	1152	1152	328848	328848	327696	0.9269	303
Mar-09	3576	3576	71400	71400	67824	0.9269	62
Apr-09	4224	4224	87120	87120	82896	0.9269	76

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May-09	2808	2808	203832	203832	201024	0.9269	186
Jun-09	648	648	616512	616512	615864	0.9269	570
Jul-09	912	912	614856	614856	613944	0.9269	569
Aug-09	3504	3504	149664	149664	146160	0.9269	135
Sep-09	3480	3480	0	0	-3480	0.9269	(3)
Oct-09	2376	2376	0	0	-2376	0.9269	(2)
Nov-09	3024	3024	0	0	-3024	0.9269	(2)
Dec-09	2616	2616	0	0	-2616	0.9269	(2)
Total					2551384.2		2,362
Jan-10	2472	2484.36	0	0	-2484.36	0.9269	(2)
Feb-10	2376	2387.88	0	0	-2387.88	0.9269	(2)
Mar-10	2400	2412	105744	105744	103332	0.9269	95
Total					98459.76		91
							7,821

net electricity exported = 85,50,599.64

26) HTSC No. 2270, Location – 145/10, 11, 12, 13, 14, 15, 16(P), Navaneethkrishnapuram

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	636	639.18	3696	3677.52	3038.34	0.9269	2
May-07	1164	1164	66108	66108	64944	0.9269	60
Jun-07	324	324	291948	291948	291624	0.9269	270
Jul-07	60	60	261828	261828	261768	0.9269	242
Aug-07	60	60	289944	289944	289884	0.9269	268
Sep-07	240	240	218028	218028	217788	0.9269	201
Oct-07	144	144	205764	205764	205620	0.9269	190
Nov-07	2040	2040	32880	32880	30840	0.9269	28
Dec-07	720	720	10260	10260	9540	0.9269	8
Total					1375046.34		1,269
Jan-08	708	708	13020	13020	12312	0.9269	11
Feb-08	552	554.76	2784	2770.08	2215.32	0.9269	2
Mar-08	564	566.82	9960	9910.2	9343.38	0.9269	8
Apr-08	1260	1266.3	24336	24214.32	22948.02	0.9269	21
May-08	288	289.44	181404	180496.98	180207.54	0.9269	167
Jun-08	48	48.24	312840	311275.8	311227.56	0.9269	288
Jul-08	48	48.24	280392	278990.04	278941.8	0.9269	258

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Aug-08	36	36.18	305472	303944.64	303908.46	0.9269	281
Sep-08	360	361.8	223080	221964.6	221602.8	0.9269	205
Oct-08	456	458.28	146292	145560.54	145102.26	0.9269	134
Nov-08	852	856.26	21480	21372.6	20516.34	0.9269	19
Dec-08	912	916.56	20964	20859.18	19942.62	0.9269	18
Total					1528268.1		1,412
Jan-09	876	880.38	20280	20178.6	19298.22	0.9269	17
Feb-09	1344	1344	27804	27804	26460	0.9269	24
Mar-09	1392	1392	15120	15120	13728	0.9269	12
Apr-09	1884	1884	10980	10980	9096	0.9269	8
May-09	288	288	187296	187296	187008	0.9269	173
Jun-09	120	120	320304	320304	320184	0.9269	296
Jul-09	12	12	322536	322536	322524	0.9269	298
Aug-09	36	36	353400	353400	353364	0.9269	327
Sep-09	300	300	260220	260220	259920	0.9269	240
Oct-09	240	240	261096	261096	260856	0.9269	241
Nov-09	1740	1740	18696	18696	16956	0.9269	15
Dec-09	1380	1380	10656	10656	9276	0.9269	8
Total					1798670.22		1,659

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Jan-10	1380	1386.9	18576	18483.12	17096.22	0.9269	15
Feb-10	1224	1230.12	17148	17062.26	15832.14	0.9269	14
Mar-10	1284	1290.42	12372	12310.14	11019.72	0.9269	10
Total				43948.08			39

4,340

net electricity exported = 47,45,932.74

27) HTSC No. 2289, Location – 415/1A, 1B, 2, Keelakalanganal

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	588	588	1476	1476	888	0.9269	-
May-07	1068	1068	60516	60516	59448	0.9269	55
Jun-07	252	252	238956	238956	238704	0.9269	221
Jul-07	84	84	226128	226128	226044	0.9269	209
Aug-07	84	84	239484	239484	239400	0.9269	221
Sep-07	216	216	188580	188580	188364	0.9269	174
Oct-07	132	132	158964	158964	158832	0.9269	147
Nov-07	1464	1464	27024	27024	25560	0.9269	23
Dec-07	564	564	11904	11904	11340	0.9269	10

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Total					1148580		1,060
Jan-08	432	432	12900	12900	12468	0.9269	11
Feb-08	408	408	3156	3156	2748	0.9269	2
Mar-08	408	410.04	10848	10793.76	10383.72	0.9269	9
Apr-08	1044	1049.22	17592	17504.04	16454.82	0.9269	15
May-08	240	241.2	143244	142527.78	142286.58	0.9269	131
Jun-08	36	36.18	257052	255766.74	255730.56	0.9269	237
Jul-08	60	60.3	235356	234179.22	234118.92	0.9269	217
Aug-08	48	48.24	244716	243492.42	243444.18	0.9269	225
Sep-08	408	410.04	169992	169142.04	168732	0.9269	156
Oct-08	396	397.98	128424	127781.88	127383.9	0.9269	118
Nov-08	768	771.84	19344	19247.28	18475.44	0.9269	17
Dec-08	852	856.26	16728	16644.36	15788.1	0.9269	14
Total					1248014.22		1,152
Jan-09	684	687.42	22896	22781.52	22094.1	0.9269	20
Feb-09	1080	1080	27756	27756	26676	0.9269	24
Mar-09	1296	1296	15156	15156	13860	0.9269	12
Apr-09	1836	1836	10356	10356	8520	0.9269	7
May-09	312	312	141108	141108	140796	0.9269	130

Jun-09	84	84	275904	275904	275820	0.9269	255
Jul-09	48	48	291780	291780	291732	0.9269	270
Aug-09	24	24	304056	304056	304032	0.9269	281
Sep-09	264	264	224376	224376	224112	0.9269	207
Oct-09	252	252	217476	217476	217224	0.9269	201
Nov-09	1572	1572	17040	17040	15468	0.9269	14
Dec-09	1140	1140	9996	9996	8856	0.9269	8
Total					1549190.1		1,429
Jan-10	1200	1206.00	18072	17981.64	16775.64	0.9269	15
Feb-10	1164	1169.82	15564	15486.18	14316.36	0.9269	13
Mar-10	1284	1290.42	10128	10077.36	8786.94	0.9269	8
Total					39878.94		36

3,641

net electricity exported = 39,85,663.26

28) HTSC No. 2306, Location – 144/3, 4, Navaneethakrishnapuram

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	720	720	3756	3756	3036	0.9269	2

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May-07	1260	1260	73320	73320	72060	0.9269	66
Jun-07	432	432	282168	282168	281736	0.9269	261
Jul-07	180	180	251604	251604	251424	0.9269	233
Aug-07	96	96	284988	284988	284892	0.9269	264
Sep-07	360	360	211548	211548	211188	0.9269	195
Oct-07	156	156	202536	202536	202380	0.9269	187
Nov-07	2172	2172	31416	31416	29244	0.9269	27
Dec-07	672	672	9900	9900	9228	0.9269	8
Total					1345188		1,243
Jan-08	648	648	12264	12264	11616	0.9269	10
Feb-08	564	564	2604	2604	2040	0.9269	1
Mar-08	672	675.36	9024	8978.88	8303.52	0.9269	7
Apr-08	1440	1447.2	21888	21778.56	20331.36	0.9269	18
May-08	540	542.7	181068	180162.66	179619.96	0.9269	166
Jun-08	120	120.6	310500	308947.5	308826.9	0.9269	286
Jul-08	84	84.42	278244	276852.78	276768.36	0.9269	256
Aug-08	132	132.66	297600	296112	295979.34	0.9269	274
Sep-08	540	542.7	218028	216937.86	216395.16	0.9269	200
Oct-08	564	566.82	145116	144390.42	143823.6	0.9269	133

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Nov-08	960	964.8	21276	21169.62	20204.82	0.9269	18
Dec-08	1092	1097.46	19980	19880.1	18782.64	0.9269	17
Total					1502691.66		1,386
Jan-09	1092	1097.46	18528	18435.36	17337.9	0.9269	16
Feb-09	1476	1476	26424	26424	24948	0.9269	23
Mar-09	1560	1560	13884	13884	12324	0.9269	11
Apr-09	2160	2160	11076	11076	8916	0.9269	8
May-09	348	348	191124	191124	190776	0.9269	176
Jun-09	168	168	316596	316596	316428	0.9269	293
Jul-09	96	96	314052	314052	313956	0.9269	291
Aug-09	36	36	353280	353280	353244	0.9269	327
Sep-09	456	456	253092	253092	252636	0.9269	234
Oct-09	624	624	245040	245040	244416	0.9269	226
Nov-09	2556	2556	17604	17604	15048	0.9269	13
Dec-09	2052	2052	9720	9720	7668	0.9269	7
Total					1757697.9		1,625
Jan-10	2136	2146.68	16272	16272	14125.32	0.9269	13
Feb-10	1944	1953.72	13572	13572	11618.28	0.9269	10
Mar-10	1884	1893.42	11472	11472	9578.58	0.9269	8

Total	0	35322.18	31
			4,254
net electricity exported =		46,40,899.74	

29) HTSC No. 2307, Location – 378/2(P), 3(P), Keelakalangal

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	636	636	2592	2592	1956	0.9269	1
May-07	1320	1320	61008	61008	59688	0.9269	55
Jun-07	360	360	269328	269328	268968	0.9269	249
Jul-07	240	240	233232	233232	232992	0.9269	215
Aug-07	216	216	265992	265992	265776	0.9269	246
Sep-07	384	384	190200	190200	189816	0.9269	175
Oct-07	144	144	201828	201828	201684	0.9269	186
Nov-07	1764	1764	28752	28752	26988	0.9269	25
Dec-07	876	876	10584	10584	9708	0.9269	8
Total					1257576		1,160
Jan-08	516	516	12108	12108	11592	0.9269	10
Feb-08	468	468	2964	2964	2496	0.9269	2

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Mar-08	492	494.46	10488	10435.56	9941.1	0.9269	9
Apr-08	1128	1133.64	12624	12560.88	11427.24	0.9269	10
May-08	300	301.5	167184	166348.08	166046.58	0.9269	153
Jun-08	144	144.72	297204	295717.98	295573.26	0.9269	273
Jul-08	144	144.72	271224	269867.88	269723.16	0.9269	250
Aug-08	132	132.66	286932	285497.34	285364.68	0.9269	264
Sep-08	492	494.46	211236	210179.82	209685.36	0.9269	194
Oct-08	600	603	132300	131638.5	131035.5	0.9269	121
Nov-08	828	832.14	22416	22303.92	21471.78	0.9269	19
Dec-08	936	940.68	19020	18924.9	17984.22	0.9269	16
Total					1432340.88		1,321
Jan-09	744	747.72	22188	22077.06	21329.34	0.9269	19
Feb-09	1152	1152	26976	26976	25824	0.9269	23
Mar-09	1368	1368	14460	14460	13092	0.9269	12
Apr-09	1920	1920	9948	9948	8028	0.9269	7
May-09	456	456	168204	168204	167748	0.9269	155
Jun-09	156	156	306480	306480	306324	0.9269	283
Jul-09	132	132	315852	315852	315720	0.9269	292
Aug-09	24	24	342696	342696	342672	0.9269	317

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Sep-09	372	372	256656	256656	256284	0.9269	237
Oct-09	420	420	249672	249672	249252	0.9269	231
Nov-09	1896	1896	16056	16056	14160	0.9269	13
Dec-09	1344	1344	10164	10164	8820	0.9269	8
Total					1729253.34		1,597
Jan-10	1416	1423.08	17832	17832	16408.92	0.9269	15
Feb-10	1344	1350.72	15504	15504	14153.28	0.9269	13
Mar-10	1380	1386.9	10872	10872	9485.1	0.9269	8
Total					40047.3		36

4,078

net electricity exported = 44,59,217.52

30) HTSC No. D9, Location – 72/2B (P), Midapadi

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1696	1696	9220	9220	7524	0.9269	6
May-07	1632	1632	104520	104520	102888	0.9269	95
Jun-07	984	984	127192	127192	126208	0.9269	116
Jul-07	112	112	324728	324728	324616	0.9269	300

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Aug-07	416	416	251552	251552	251136	0.9269	232
Sep-07	880	884.4	213504	212436.48	211552.08	0.9269	196
Oct-07	816	820.08	160056	159255.72	158435.64	0.9269	146
Nov-07	3272	3288.36	18288	18196.56	14908.2	0.9269	13
Dec-07	2752	2765.76	18296	18204.52	15438.76	0.9269	14
Total					1212706.68		1,118
Jan-08	2936	2950.68	15032	14956.84	12006.16	0.9269	11
Feb-08	3200	3216	9768	9719.16	6503.16	0.9269	6
Mar-08	2440	2452.2	23024	22908.88	20456.68	0.9269	18
Apr-08	2872	2886.36	16336	16254.32	13367.96	0.9269	12
May-08	1104	1109.52	103744	103225.28	102115.76	0.9269	94
Jun-08	784	787.92	169816	168966.92	168179	0.9269	155
Jul-08	256	257.28	261296	259989.52	259732.24	0.9269	240
Aug-08	328	329.64	283984	282564.08	282234.44	0.9269	261
Sep-08	1344	1350.72	117064	116478.68	115127.96	0.9269	106
Oct-08	1640	1648.2	70192	69841.04	68192.84	0.9269	63
Nov-08	3592	3609.96	8880	8835.6	5225.64	0.9269	4
Dec-08	4190	4210.95	15530	15452.35	11241.4	0.9269	10
Total					1064383.24		980

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Jan-09	2720	2733.6	19216	19119.92	16386.32	0.9269	15
Feb-09	2984	2998.92	18384	18292.08	15293.16	0.9269	14
Mar-09	2232	2243.16	20696	20592.52	18349.36	0.9269	17
Apr-09	3104	3119.52	-	0	-3119.52	0.9269	(2)
May-09	1216	1222.08	69368	69021.16	67799.08	0.9269	62
Jun-09	512	512	197880	197880	197368	0.9269	182
Jul-09	408	408	270976	270976	270568	0.9269	250
Aug-09	216	216	308544	308544	308328	0.9269	285
Sep-09	768	768	195296	195296	194528	0.9269	180
Oct-09	1176	1176	141080	141080	139904	0.9269	129
Nov-09	3264	3264	20640	20640	17376	0.9269	16
Dec-09	3200	3200	6248	6248	3048	0.9269	2
Total					1245828.4		1,150
Jan-10	2656	2656	56872	56872	54216	0.9269	50
Feb-10	2432	2432	28240	28240	25808	0.9269	23
Mar-10	2520	2520	21824	21824	19304	0.9269	17
Total					99328		90

3,248

net electricity exported = 36,22,246.32

WTGs owned by Mr. DK Audikesavulu

31) HTSC No. D4, Location – 351/4 (P), Muthunaickenpatti

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1695	1695	9250	9250	7555	0.9269	7
May-07	1690	1690	104170	104170	102480	0.9269	94
Jun-07	870	870	134120	134120	133250	0.9269	123
Jul-07	120	120	321860	321860	321740	0.9269	298
Aug-07	-2680	-2680	-560150	-560150	-557470	0.9269	(516)
Sep-07	3890	3909.45	1008930	1003885.35	999975.9	0.9269	926
Oct-07	720	723.6	156230	155448.85	154725.25	0.9269	143
Nov-07	3310	3326.55	17790	17701.05	14374.5	0.9269	13
Dec-07	2840	2854.2	16060	15979.7	13125.5	0.9269	12
Total					1189756.15		1,100
Jan-08	3020	3035.1	11110	11054.45	8019.35	0.9269	7
Feb-08	3170	3185.85	11180	11124.1	7938.25	0.9269	7
Mar-08	2450	2462.25	21430	21322.85	18860.6	0.9269	17
Apr-08	3050	3065.25	15080	15004.6	11939.35	0.9269	11
May-08	1170	1175.85	108250	107708.75	106532.9	0.9269	98
Jun-08	780	783.9	173710	172841.45	172057.55	0.9269	159

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Jul-08	210	211.05	251670	250411.65	250200.6	0.9269	231
Aug-08	310	311.55	280080	278679.6	278368.05	0.9269	258
Sep-08	1370	1376.85	116270	115688.65	114311.8	0.9269	105
Oct-08	1680	1688.4	69740	69391.3	67702.9	0.9269	62
Nov-08	3610	3628.05	4980	4955.1	1327.05	0.9269	1
Dec-08	3420	3437.1	4980	4955.1	1518	0.9269	1
Total					1038776.4		957
Jan-09	2840	2854.2	13640	13571.8	10717.6	0.9269	9
Feb-09	2890	2904.45	17020	16934.9	14030.45	0.9269	13
Mar-09	2350	2361.75	17020	16934.9	14573.15	0.9269	13
Apr-09	3140	3155.7	17430	17342.85	14187.15	0.9269	13
May-09	1190	1195.95	73940	73570.3	72374.35	0.9269	67
Jun-09	490	492.45	194580	193607.1	193114.65	0.9269	178
Jul-09	360	360	259220	259220	258860	0.9269	239
Aug-09	190	190	302750	302750	302560	0.9269	280
Sep-09	760	760	198690	198690	197930	0.9269	183
Oct-09	1160	1160	117480	117480	116320	0.9269	107
Nov-09	3340	3340	73940	73940	70600	0.9269	65
Dec-09	3280	3280	4330	4330	1050	0.9269	-

Total					1266317.35		1,167
Jan-10	2800	2800	14360	14360	11560	0.9269	10
Feb-10	2330	2330	23370	23370	21040	0.9269	19
Mar-10	2540	2540	18680	18680	16140	0.9269	14
Total		0			48740		43
							3,224
net electricity exported =					35,43,589.90		

32) HTSC No. D5, Location – 227 (P), Muthunaickenpatti

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1650	1650	10705	10705	9055	0.9269	8
May-07	1660	1660	107790	107790	106130	0.9269	98
Jun-07	890	890	131960	131960	131070	0.9269	121
Jul-07	370	370	282770	282770	282400	0.9269	261
Aug-07	410	410	238780	238780	238370	0.9269	220
Sep-07	720	723.6	206740	205706.3	204982.7	0.9269	189
Oct-07	860	864.3	139160	138464.2	137599.9	0.9269	127
Nov-07	3080	3095.4	17880	17790.6	14695.2	0.9269	13

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Dec-07	2630	2643.15	18500	18407.5	15764.35	0.9269	14
Total					1140067.15		1,051
Jan-08	2730	2743.65	12080	12019.6	9275.95	0.9269	8
Feb-08	3090	3105.45	12480	12417.6	9312.15	0.9269	8
Mar-08	2390	2401.95	24480	24357.6	21955.65	0.9269	20
Apr-08	3040	3055.2	16720	16636.4	13581.2	0.9269	12
May-08	1230	1236.15	106200	105669	104432.85	0.9269	96
Jun-08	850	854.25	165600	164772	163917.75	0.9269	151
Jul-08	200	201	240890	239685.55	239484.55	0.9269	221
Aug-08	450	452.25	267420	266082.9	265630.65	0.9269	246
Sep-08	1450	1457.25	111230	110673.85	109216.6	0.9269	101
Oct-08	1620	1628.1	69710	69361.45	67733.35	0.9269	62
Nov-08	3540	3557.7	6300	6268.5	2710.8	0.9269	2
Dec-08	3500	3517.5	9670	9621.65	6104.15	0.9269	5
Total					1013355.65		932
Jan-09	2890	2904.45	13390	13323.05	10418.6	0.9269	9
Feb-09	3030	3045.15	16400	16318	13272.85	0.9269	12
Mar-09	2390	2401.95	17390	17303.05	14901.1	0.9269	13
Apr-09	3210	3226.05	18390	18298.05	15072	0.9269	13

May-09	1260	1266.3	72240	71878.8	70612.5	0.9269	65
Jun-09	460	462.3	189160	188214.2	187751.9	0.9269	174
Jul-09	320	320	264440	264440	264120	0.9269	244
Aug-09	170	170	312840	312840	312670	0.9269	289
Sep-09	730	730	185640	185640	184910	0.9269	171
Oct-09	1120	1120	140120	140120	139000	0.9269	128
Nov-09	3500	3500	20370	20370	16870	0.9269	15
Dec-09	3540	3540	4240	4240	700	0.9269	-
Total					1230298.95		1,133
Jan-10	2980	2980	14560	14560	11580	0.9269	10
Feb-10	2430	2430	24070	24070	21640	0.9269	20
Mar-10	2650	2650	19020	19020	16370	0.9269	15
Total					49590		45

3,116

net electricity exported =

34,33,311.75

33) HTSC No. D6, Location – 352/2, Muthunaickenpatti

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
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Apr-07	1905	1914.525	7460	7422.7	5508.175	0.9269	5
May-07	1830	1839.15	107920	107380.4	105541.25	0.9269	97
Jun-07	1110	1115.55	132730	132066.35	130950.8	0.9269	121
Jul-07	110	110.55	328550	326907.25	326796.7	0.9269	302
Aug-07	470	472.35	251060	249804.7	249332.35	0.9269	231
Sep-07	850	854.25	217270	216183.65	215329.4	0.9269	199
Oct-07	950	954.75	156290	155508.55	154553.8	0.9269	143
Nov-07	3430	3447.15	18770	18676.15	15229	0.9269	14
Dec-07	3120	3135.6	15780	15701.1	12565.5	0.9269	11
Total					1215806.975		1,123
Jan-08	3160	3175.8	11570	11512.15	8336.35	0.9269	7
Feb-08	3450	3467.25	9170	9124.15	5656.9	0.9269	5
Mar-08	2650	2663.25	20250	20148.75	17485.5	0.9269	16
Apr-08	3220	3236.1	14300	14228.5	10992.4	0.9269	10
May-08	1400	1407	109680	109131.6	107724.6	0.9269	99
Jun-08	1020	1025.1	171320	170463.4	169438.3	0.9269	157
Jul-08	360	361.8	251900	250640.5	250278.7	0.9269	231
Aug-08	450	452.25	283230	281813.85	281361.6	0.9269	260
Sep-08	1530	1537.65	115640	115061.8	113524.15	0.9269	105
Oct-08	1800	1809	70850	70495.75	68686.75	0.9269	63
Nov-08	3640	3658.2	6740	6706.3	3048.1	0.9269	2

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Dec-08	3530	3547.65	9290	9243.55	5695.9	0.9269	5
Total					1042229.25		960
Jan-09	3060	3075.3	12210	12148.95	9073.65	0.9269	8
Feb-09	3130	3145.65	14540	14467.3	11321.65	0.9269	10
Mar-09	2610	2623.05	15740	15661.3	13038.25	0.9269	12
Apr-09	3390	3406.95	17050	16964.75	13557.8	0.9269	12
May-09	1390	1396.95	75410	75032.95	73636	0.9269	68
Jun-09	680	680	196150	196150	195470	0.9269	181
Jul-09	440	440	272420	272420	271980	0.9269	252
Aug-09	340	340	315630	315630	315290	0.9269	292
Sep-09	850	850	191560	191560	190710	0.9269	176
Oct-09	1280	1280	144440	144440	143160	0.9269	132
Nov-09	360	360	18700	18700	18340	0.9269	16
Dec-09	3130	3130	3920	3920	790	0.9269	-
Total					1256367.35		1,159
Jan-10	3130	3130	12770	12770	9640	0.9269	8
Feb-10	2660	2660	22620	22620	19960	0.9269	18
Mar-10	2800	2800	15940	15940	13140	0.9269	12
Total					42740		38

3,242

net electricity exported =

35,57,143.58

34) HTSC No. D7, Location – 386/1, Muthunaickenpatti

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1785	1785	7385	7385	5600	0.9269	5
May-07	1830	1830	98960	98960	97130	0.9269	90
Jun-07	1020	1020	123540	123540	122520	0.9269	113
Jul-07	130	130	302760	302760	302630	0.9269	280
Aug-07	440	440	231730	231730	231290	0.9269	214
Sep-07	800	804	207650	206611.75	205807.75	0.9269	190
Oct-07	850	854.25	156340	155558.3	154704.05	0.9269	143
Nov-07	3370	3386.85	17220	17133.9	13747.05	0.9269	12
Dec-07	2780	2793.9	13980	13910.1	11116.2	0.9269	10
Total					1144545.05		1,057
Jan-08	2910	2924.55	11820	11760.9	8836.35	0.9269	8
Feb-08	3310	3326.55	8730	8686.35	5359.8	0.9269	4
Mar-08	2490	2502.45	2490	2477.55	-24.9	0.9269	-
Apr-08	3080	3095.4	13480	13412.6	10317.2	0.9269	9
May-08	1310	1316.55	102700	102186.5	100869.95	0.9269	93
Jun-08	850	854.25	166580	165747.1	164892.85	0.9269	152

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Jul-08	240	241.2	246040	244809.8	244568.6	0.9269	226
Aug-08	360	361.8	272520	271157.4	270795.6	0.9269	251
Sep-08	1550	1557.75	113310	112743.45	111185.7	0.9269	103
Oct-08	1890	1899.45	66500	66167.5	64268.05	0.9269	59
Nov-08	3640	3658.2	5610	5581.95	1923.75	0.9269	1
Dec-08	3550	3567.75	8170	8129.15	4561.4	0.9269	4
Total					987554.35		910
Jan-09	3080	3095.4	12750	12686.25	9590.85	0.9269	8
Feb-09	3130	3145.65	15840	15760.8	12615.15	0.9269	11
Mar-09	2610	2623.05	15830	15750.85	13127.8	0.9269	12
Apr-09	3300	3316.5	16040	15959.8	12643.3	0.9269	11
May-09	1380	1386.9	68680	68336.6	66949.7	0.9269	62
Jun-09	530	530	192830	192830	192300	0.9269	178
Jul-09	340	340	265040	265040	264700	0.9269	245
Aug-09	180	180	305900	305900	305720	0.9269	283
Sep-09	800	800	183900	183900	183100	0.9269	169
Oct-09	1220	1220	135680	135680	134460	0.9269	124
Nov-09	3550	3550	16590	16590	13040	0.9269	12
Dec-09	3460	3460	3660	3660	200	0.9269	-

Total					1208446.8		1,115
Jan-10	2920	2920	13000	13000	10080	0.9269	9
Feb-10	2260	2260	18890	18890	16630	0.9269	15
Mar-10	2770	2770	16310	16310	13540	0.9269	12
Total					40250		36
							3,082

net electricity exported = **33,80,796.20**

35) HTSC No. D8, Location – 357 (P), Muthunaickenpatti

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1675	1675	7915	7915	6240	0.9269	5
May-07	1740	1740	88330	88330	86590	0.9269	80
Jun-07	1060	1060	108930	108930	107870	0.9269	99
Jul-07	160	160	286230	286230	286070	0.9269	265
Aug-07	430	430	222210	222210	221780	0.9269	205
Sep-07	770	773.85	191620	190661.9	189888.05	0.9269	176
Oct-07	790	793.95	136930	136245.35	135451.4	0.9269	125
Nov-07	3300	3316.5	16160	16079.2	12762.7	0.9269	11
Dec-07	2870	2884.35	12800	12736	9851.65	0.9269	9

Total					1056503.8		975
Jan-08	2990	3004.95	9490	9442.55	6437.6	0.9269	5
Feb-08	3200	3216	9020	8974.9	5758.9	0.9269	5
Mar-08	2500	2512.5	17400	17313	14800.5	0.9269	13
Apr-08	3110	3125.55	12960	12895.2	9769.65	0.9269	9
May-08	1330	1336.65	92700	92236.5	90899.85	0.9269	84
Jun-08	860	864.3	156370	155588.15	154723.85	0.9269	143
Jul-08	230	231.15	226960	225825.2	225594.05	0.9269	209
Aug-08	480	482.4	251090	249834.55	249352.15	0.9269	231
Sep-08	1530	1537.65	101070	100564.65	99027	0.9269	91
Oct-08	1850	1859.25	59670	59371.65	57512.4	0.9269	53
Nov-08	3690	3708.45	4080	4059.6	351.15	0.9269	-
Dec-08	3710	3728.55	7760	7721.2	3992.65	0.9269	3
Total					918219.75		846
Jan-09	3020	3035.1	11680	11621.6	8586.5	0.9269	7
Feb-09	3120	3135.6	12700	12636.5	9500.9	0.9269	8
Mar-09	2490	2502.45	14790	14716.05	12213.6	0.9269	11
Apr-09	3200	3216	16080	15999.6	12783.6	0.9269	11
May-09	1250	1256.25	65090	64764.55	63508.3	0.9269	58

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Jun-09	560	560	175770	175770	175210	0.9269	162
Jul-09	360	360	244090	244090	243730	0.9269	225
Aug-09	300	300	275290	275290	274990	0.9269	254
Sep-09	800	800	171630	171630	170830	0.9269	158
Oct-09	1260	1260	127940	127940	126680	0.9269	117
Nov-09	3500	3500	17680	17680	14180	0.9269	13
Dec-09	3450	3450	3520	3520	70	0.9269	-
Total					1112282.9		1,024
Jan-10	3090	3090	11110	11110	8020	0.9269	7
Feb-10	2440	2440	21080	21080	18640	0.9269	17
Mar-10	2640	2640	16670	16670	14030	0.9269	13
Total					40690		37

2,845

net electricity exported =

31,27,696.45

36) HTSC No. D10, Location – 123/11(P), 12(P), Pushpathur

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	1676	1676	9084	9084	7408	0.9269	6
May-07	1624	1624	97192	97192	95568	0.9269	88

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Jun-07	1032	1032	120504	120504	119472	0.9269	110
Jul-07	136	136	321952	321952	321816	0.9269	298
Aug-07	392	392	244416	244416	244024	0.9269	226
Sep-07	808	812.04	207080	206044.6	205232.56	0.9269	190
Oct-07	864	868.32	147088	146352.56	145484.24	0.9269	134
Nov-07	3336	3352.68	16552	16469.24	13116.56	0.9269	12
Dec-07	2704	2717.52	20240	20138.8	17421.28	0.9269	16
Total					1169542.64		1,080
Jan-08	2944	2958.72	15696	15617.52	12658.8	0.9269	11
Feb-08	3224	3240.12	11096	11040.52	7800.4	0.9269	7
Mar-08	2440	2452.2	24272	24150.64	21698.44	0.9269	20
Apr-08	2880	2894.4	16248	16166.76	13272.36	0.9269	12
May-08	1232	1238.16	90512	90059.44	88821.28	0.9269	82
Jun-08	776	779.88	157712	156923.44	156143.56	0.9269	144
Jul-08	264	265.32	250168	248917.16	248651.84	0.9269	230
Aug-08	336	337.68	283368	281951.16	281613.48	0.9269	261
Sep-08	1424	1431.12	113056	112490.72	111059.6	0.9269	102
Oct-08	1544	1551.72	69128	68782.36	67230.64	0.9269	62
Nov-08	3600	3618	8872	8827.64	5209.64	0.9269	4

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Dec-08	3264	3280.32	13536	13468.32	10188	0.9269	9
Total					1024348.04		944
Jan-09	2640	2653.2	23704	23585.48	20932.28	0.9269	19
Feb-09	2880	2894.4	19792	19693.04	16798.64	0.9269	15
Mar-09	2072	2082.36	23120	23004.4	20922.04	0.9269	19
Apr-09	3088	3103.44	18856	18761.72	15658.28	0.9269	14
May-09	1104	1109.52	72352	71990.24	70880.72	0.9269	65
Jun-09	496	496	181528	181528	181032	0.9269	167
Jul-09	424	424	267704	267704	267280	0.9269	247
Aug-09	152	152	320040	320040	319888	0.9269	296
Sep-09	776	776	188664	188664	187888	0.9269	174
Oct-09	1064	1064	142768	142768	141704	0.9269	131
Nov-09	3072	3072	21496	21496	18424	0.9269	17
Dec-09	2952	2952	7520	7520	4568	0.9269	4
Total					1265975.96		1,168
Jan-10	1784	1784	12880	12880	11096	0.9269	10
Feb-10	2184	2184	33288	33288	31104	0.9269	28
Mar-10	2336	2336	24152	24152	21816	0.9269	20
Total					64016		58

net electricity exported =

35,23,882.64

37) HTSC No. D11, Location – 311/2, Muthunaickenpatti

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	1592	1592	8564	8564	6972	0.9269	6
May-07	1544	1544	102792	102792	101248	0.9269	93
Jun-07	824	824	126152	126152	125328	0.9269	116
Jul-07	296	296	308216	308216	307920	0.9269	285
Aug-07	336	336	244256	244256	243920	0.9269	226
Sep-07	600	603	213328	212261.36	211658.36	0.9269	196
Oct-07	728	731.64	150600	149847	149115.36	0.9269	138
Nov-07	3152	3167.76	17040	16954.8	13787.04	0.9269	12
Dec-07	2640	2653.2	18432	18339.84	15686.64	0.9269	14
Total					1175635.4		1,086
Jan-08	2864	2878.32	13408	13340.96	10462.64	0.9269	9
Feb-08	3016	3031.08	12496	12433.52	9402.44	0.9269	8
Mar-08	2352	2363.76	24032	23911.84	21548.08	0.9269	19
Apr-08	2672	2685.36	16192	16111.04	13425.68	0.9269	12

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May-08	1032	1037.16	113328	112761.36	111724.2	0.9269	103
Jun-08	680	683.4	172472	171609.64	170926.24	0.9269	158
Jul-08	248	249.24	250464	249211.68	248962.44	0.9269	230
Aug-08	328	329.64	282664	281250.68	280921.04	0.9269	260
Sep-08	512	514.56	64976	64651.12	64136.56	0.9269	59
Oct-08	1440	1447.2	73992	73622.04	72174.84	0.9269	66
Nov-08	3440	3457.2	6176	6145.12	2687.92	0.9269	2
Dec-08	3448	3465.24	10432	10379.84	6914.6	0.9269	6
Total					1013286.68		932
Jan-09	2832	2846.16	15216	15139.92	12293.76	0.9269	11
Feb-09	2936	2950.68	16128	16047.36	13096.68	0.9269	12
Mar-09	2328	2339.64	16216	16134.92	13795.28	0.9269	12
Apr-09	3152	3167.76	16984	16899.08	13731.32	0.9269	12
May-09	1096	1101.48	75432	75054.84	73953.36	0.9269	68
Jun-09	432	432	199056	199056	198624	0.9269	184
Jul-09	360	360	265008	265008	264648	0.9269	245
Aug-09	152	152	324360	324360	324208	0.9269	300
Sep-09	704	704	189856	189856	189152	0.9269	175
Oct-09	1088	1088	139760	139760	138672	0.9269	128

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Nov-09	3352	3352	20264	20264	16912	0.9269	15
Dec-09	3328	3328	5056	5056	1728	0.9269	1
Total					1260814.4		1,163
Jan-10	2968	2968	15056	15056	12088	0.9269	11
Feb-10	2360	2360	25096	25096	22736	0.9269	21
Mar-10	2528	2528	20696	20696	18168	0.9269	16
Total					52992		48
							3,181

net electricity exported = 35,02,728.48

38) HTSC No. D12, Location – 114/8A(P), 8B(P), Pushpathur

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	1740	1740	6320	6320	4580	0.9269	4
May-07	1544	1544	87530	87530	85986	0.9269	79
Jun-07	1090	1090	118850	118850	117760	0.9269	109
Jul-07	390	390	306890	306890	306500	0.9269	284
Aug-07	540	540	244870	244870	244330	0.9269	226
Sep-07	860	864.3	211530	210472.35	209608.05	0.9269	194

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Oct-07	800	804	155490	154712.55	153908.55	0.9269	142
Nov-07	3110	3125.55	18760	18666.2	15540.65	0.9269	14
Dec-07	2620	2633.1	22190	22079.05	19445.95	0.9269	18
Total					1157659.2		1,070
Jan-08	2770	2783.85	18050	17959.75	15175.9	0.9269	14
Feb-08	3080	3095.4	13620	13551.9	10456.5	0.9269	9
Mar-08	2430	2442.15	26080	25949.6	23507.45	0.9269	21
Apr-08	2830	2844.15	19760	19661.2	16817.05	0.9269	15
May-08	1040	1045.2	106740	106206.3	105161.1	0.9269	97
Jun-08	650	653.25	176710	175826.45	175173.2	0.9269	162
Jul-08	230	231.15	273860	272490.7	272259.55	0.9269	252
Aug-08	80	80.4	225960	224830.2	224749.8	0.9269	208
Sep-08	1350	1356.75	122420	121807.9	120451.15	0.9269	111
Oct-08	1440	1447.2	74560	74187.2	72740	0.9269	67
Nov-08	3510	3527.55	10330	10278.35	6750.8	0.9269	6
Dec-08	3160	3175.8	15600	15522	12346.2	0.9269	11
Total					1055588.7		973
Jan-09	2540	2552.7	24990	24865.05	22312.35	0.9269	20
Feb-09	2780	2793.9	21880	21770.6	18976.7	0.9269	17

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Mar-09	1990	1999.95	25310	25183.45	23183.5	0.9269	21
Apr-09	2930	2944.65	20620	20516.9	17572.25	0.9269	16
May-09	1050	1055.25	78040	77649.8	76594.55	0.9269	70
Jun-09	420	420	195310	195310	194890	0.9269	180
Jul-09	390	390	281470	281470	281080	0.9269	260
Aug-09	130	130	341370	341370	341240	0.9269	316
Sep-09	720	720	203400	203400	202680	0.9269	187
Oct-09	1010	1010	153300	153300	152290	0.9269	141
Nov-09	3170	3170	22060	22060	18890	0.9269	17
Dec-09	3040	3040	7790	7790	4750	0.9269	4
Total					1354459.35		1,249
Jan-10	2560	2560	22320	22320	19760	0.9269	18
Feb-10	2270	2270	34680	34680	32410	0.9269	30
Mar-10	2340	2340	25010	25010	22670	0.9269	21
Total					74840		69
							3,292

net electricity exported = 36,42,547.25

39) HTSC No. D13, Location – 356(P), Muthunaickenpatti

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	1865	1865	8935	8935	7070	0.9269	6
May-07	2140	2140	60930	60930	58790	0.9269	54
Jun-07	1050	1050	120520	120520	119470	0.9269	110
Jul-07	170	170	310920	310920	310750	0.9269	288
Aug-07	530	530	221110	221110	220580	0.9269	204
Sep-07	820	824.1	198570	197577.15	196753.05	0.9269	182
Oct-07	830	834.15	142440	141727.8	140893.65	0.9269	130
Nov-07	3260	3276.3	15070	14994.65	11718.35	0.9269	10
Dec-07	2970	2984.85	14860	14785.7	11800.85	0.9269	10
Total					1077825.9		994
Jan-08	2910	2924.55	9750	9701.25	6776.7	0.9269	6
Feb-08	3320	3336.6	9520	9472.4	6135.8	0.9269	5
Mar-08	2580	2592.9	20570	20467.15	17874.25	0.9269	16
Apr-08	3320	3336.6	13880	13810.6	10474	0.9269	9
May-08	1360	1366.8	100800	100296	98929.2	0.9269	91
Jun-08	980	984.9	161420	160612.9	159628	0.9269	147
Jul-08	240	241.2	240430	239227.85	238986.65	0.9269	221

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Aug-08	370	371.85	274120	272749.4	272377.55	0.9269	252
Sep-08	1640	1648.2	108020	107479.9	105831.7	0.9269	98
Oct-08	1860	1869.3	66770	66436.15	64566.85	0.9269	59
Nov-08	3720	3738.6	5320	5293.4	1554.8	0.9269	1
Dec-08	3750	3768.75	7970	7930.15	4161.4	0.9269	3
Total					987296.9		908
Jan-09	3150	3165.75	11550	11492.25	8326.5	0.9269	7
Feb-09	3150	3165.75	14700	14626.5	11460.75	0.9269	10
Mar-09	2600	2613	15650	15571.75	12958.75	0.9269	12
Apr-09	335	336.675	16280	16198.6	15861.925	0.9269	14
May-09	1460	1467.3	69360	69013.2	67545.9	0.9269	62
Jun-09	580	580	186360	186360	185780	0.9269	172
Jul-09	360	360	263760	263760	263400	0.9269	244
Aug-09	220	220	303040	303040	302820	0.9269	280
Sep-09	860	860	181110	181110	180250	0.9269	167
Oct-09	1370	1370	134380	134380	133010	0.9269	123
Nov-09	3670	3670	17660	17660	13990	0.9269	12
Dec-09	3640	3640	3380	3380	-260	0.9269	-
Total					1195143.825		1,103

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Jan-10	3350	3350	11440	11440	8090	0.9269	7
Feb-10	2730	2730	20990	20990	18260	0.9269	16
Mar-10	2830	2830	17570	17570	14740	0.9269	13
Total					41090		36

3,005

net electricity exported =

33,01,356.63

40) HTSC No. D14, Location – 408/1B(P), Muthunaickenpatti

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ /MWh)	BE (tCO ₂ /MWh)
Apr-07	1820	1820	8745	8745	6925	0.9269	6
May-07	1680	1680	97760	97760	96080	0.9269	89
Jun-07	940	940	118990	118990	118050	0.9269	109
Jul-07	150	150	301590	301590	301440	0.9269	279
Aug-07	390	390	233220	233220	232830	0.9269	215
Sep-07	780	783.9	196910	195925.45	195141.55	0.9269	180
Oct-07	840	844.2	142180	141469.1	140624.9	0.9269	130
Nov-07	3460	3477.3	16250	16168.75	12691.45	0.9269	11
Dec-07	2850	2864.25	18150	18059.25	15195	0.9269	14
Total					1118977.9		1,033

Jan-08	2970	2984.85	14250	14178.75	11193.9	0.9269	10
Feb-08	3180	3195.9	10790	10736.05	7540.15	0.9269	6
Mar-08	2430	2442.15	23050	22934.75	20492.6	0.9269	18
Apr-08	3050	3065.25	14900	14825.5	11760.25	0.9269	10
May-08	1190	1195.95	99280	98783.6	97587.65	0.9269	90
Jun-08	780	783.9	155350	154573.25	153789.35	0.9269	142
Jul-08	230	231.15	236110	234929.45	234698.3	0.9269	217
Aug-08	350	351.75	270140	268789.3	268437.55	0.9269	248
Sep-08	1650	1658.25	103420	102902.9	101244.65	0.9269	93
Oct-08	1700	1708.5	67140	66804.3	65095.8	0.9269	60
Nov-08	3630	3648.15	5750	5721.25	2073.1	0.9269	1
Dec-08	3550	3567.75	10130	10079.35	6511.6	0.9269	6
Total					980424.9		901
Jan-09	2980	2994.9	13950	13880.25	10885.35	0.9269	10
Feb-09	2990	3004.95	16540	16457.3	13452.35	0.9269	12
Mar-09	2460	2472.3	17700	17611.5	15139.2	0.9269	14
Apr-09	3430	3447.15	15950	15870.25	12423.1	0.9269	11
May-09	1260	1266.3	68950	68605.25	67338.95	0.9269	62
Jun-09	480	480	184160	184160	183680	0.9269	170

Jul-09	330	330	255080	255080	254750	0.9269	236
Aug-09	180	180	305120	305120	304940	0.9269	282
Sep-09	790	790	179080	179080	178290	0.9269	165
Oct-09	1210	1210	134340	134340	133130	0.9269	123
Nov-09	3570	3570	18440	18440	14870	0.9269	13
Dec-09	3430	3430	4380	4380	950	0.9269	-
Total					1189848.95		1,098
Jan-10	2910	2910	14130	14130	11220	0.9269	10
Feb-10	2430	2430	23090	23090	20660	0.9269	19
Mar-10	2700	2700	18170	18170	15470	0.9269	14
Total					47350		43

3,032

net electricity exported = **33,36,601.75**

41) HTSC No. D16, Location – 494 /1C (P), 1D(P), 2A(P), Melkaraipatti

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1535	1535	12635	12635	11100	0.9269	10
May-07	1540	1540	120060	120060	118520	0.9269	109
Jun-07	910	910	149010	149010	148100	0.9269	137

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Jul-07	110	110	328050	328050	327940	0.9269	303
Aug-07	250	250	275370	275370	275120	0.9269	255
Sep-07	820	824.1	223580	222462.1	221638	0.9269	205
Oct-07	730	733.65	167910	167070.45	166336.8	0.9269	154
Nov-07	2930	2944.65	21610	21501.95	18557.3	0.9269	17
Dec-07	2620	2633.1	16950	16865.25	14232.15	0.9269	13
Total					1301544.25		1,203
Jan-08	2790	2803.95	14850	14775.75	11971.8	0.9269	11
Feb-08	2830	2844.15	17890	17800.55	14956.4	0.9269	13
Mar-08	2330	2341.65	23800	23681	21339.35	0.9269	19
Apr-08	2550	2562.75	22180	22069.1	19506.35	0.9269	18
May-08	970	974.85	129460	128812.7	127837.85	0.9269	118
Jun-08	680	683.4	188200	187259	186575.6	0.9269	172
Jul-08	190	190.95	281940	280530.3	280339.35	0.9269	259
Aug-08	300	301.5	300690	299186.55	298885.05	0.9269	277
Sep-08	1180	1185.9	124830	124205.85	123019.95	0.9269	114
Oct-08	1390	1396.95	86590	86157.05	84760.1	0.9269	78
Nov-08	3640	3658.2	9520	9472.4	5814.2	0.9269	5
Dec-08	3290	3306.45	12280	12218.6	8912.15	0.9269	8

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Total					1183918.15		1,092
Jan-09	2610	2623.05	19680	19581.6	16958.55	0.9269	15
Feb-09	2820	2834.1	22620	22506.9	19672.8	0.9269	18
Mar-09	2050	2060.25	21180	21074.1	19013.85	0.9269	17
Apr-09	2930	2944.65	23750	23631.25	20686.6	0.9269	19
May-09	1130	1135.65	86980	86545.1	85409.45	0.9269	79
Jun-09	400	400	214480	214480	214080	0.9269	198
Jul-09	300	300	279740	279740	279440	0.9269	259
Aug-09	140	140	355070	355070	354930	0.9269	328
Sep-09	530	530	202680	202680	202150	0.9269	187
Oct-09	1000	1000	160500	160500	159500	0.9269	147
Nov-09	3110	3110	22560	22560	19450	0.9269	18
Dec-09	2960	2960	7280	7280	4320	0.9269	4
Total					1395611.25		1,289
Jan-10	2470	2470	18980	18980	16510	0.9269	15
Feb-10	2360	2360	25096	25096	22736	0.9269	21
Mar-10	2270	2270	25370	25370	23100	0.9269	21
Total					62346		57
							3,584

net electricity exported =

39,43,419.65

42) HTSC No. D17, Location – 143(P), Kozhumankondan

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1510	1510	12360	12360	10850	0.9269	10
May-07	1530	1530	124820	124820	123290	0.9269	114
Jun-07	810	810	109500	109500	108690	0.9269	100
Jul-07	250	250	323220	323220	322970	0.9269	299
Aug-07	240	240	286630	286630	286390	0.9269	265
Sep-07	610	613.05	249940	248690.3	248077.25	0.9269	229
Oct-07	710	713.55	178260	177368.7	176655.15	0.9269	163
Nov-07	2660	2673.3	19070	18974.65	16301.35	0.9269	15
Dec-07	2700	2713.5	14490	14417.55	11704.05	0.9269	10
Total					1304927.8		1,205
Jan-08	2760	2773.8	13580	13512.1	10738.3	0.9269	9
Feb-08	2850	2864.25	18010	17919.95	15055.7	0.9269	13
Mar-08	2330	2341.65	23480	23362.6	21020.95	0.9269	19
Apr-08	2490	2502.45	22690	22576.55	20074.1	0.9269	18
May-08	930	934.65	134620	133946.9	133012.25	0.9269	123

Jun-08	770	773.85	219800	218701	217927.15	0.9269	201
Jul-08	220	221.1	323550	321932.25	321711.15	0.9269	298
Aug-08	350	351.75	341870	340160.65	339808.9	0.9269	314
Sep-08	1310	1316.55	147560	146822.2	145505.65	0.9269	134
Oct-08	1570	1577.85	102110	101599.45	100021.6	0.9269	92
Nov-08	3890	3909.45	11750	11691.25	7781.8	0.9269	7
Dec-08	3690	3708.45	13810	13740.95	10032.5	0.9269	9
Total					1342690.05		1,237
Jan-09	3000	3015	20170	20069.15	17054.15	0.9269	15
Feb-09	3280	3296.4	22750	22636.25	19339.85	0.9269	17
Mar-09	2290	2301.45	24060	23939.7	21638.25	0.9269	20
Apr-09	3350	3366.75	27110	26974.45	23607.7	0.9269	21
May-09	1290	1296.45	99240	98743.8	97447.35	0.9269	90
Jun-09	510	510	239050	239050	238540	0.9269	221
Jul-09	360	360	313140	313140	312780	0.9269	289
Aug-09	170	170	397340	397340	397170	0.9269	368
Sep-09	790	790	229180	229180	228390	0.9269	211
Oct-09	1160	1160	181400	181400	180240	0.9269	167
Nov-09	3750	3750	23260	23260	19510	0.9269	18

Dec-09	3570	3570	6770	6770	3200	0.9269	2
Total					1558917.3		1,439
Jan-10	2570	2570	11760	11760	9190	0.9269	8
Feb-10	2560	2560	28860	28860	26300	0.9269	24
Mar-10	2880	2880	28860	28860	25980	0.9269	24
Total					61470		56
							3,881

net electricity exported = 42,68,005.15

43) HTSC No. D19, Location – 147/2(P), Kozhumankondan

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1670	1670	11420	11420	9750	0.9269	9
May-07	1790	1790	115780	115780	113990	0.9269	105
Jun-07	1210	1210	146020	146020	144810	0.9269	134
Jul-07	270	270	319700	319700	319430	0.9269	296
Aug-07	410	410	277650	277650	277240	0.9269	256
Sep-07	920	924.6	233890	232720.55	231795.95	0.9269	214
Oct-07	840	844.2	172070	171209.65	170365.45	0.9269	157
Nov-07	3090	3105.45	20400	20298	17192.55	0.9269	15

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Dec-07	2740	2753.7	16050	15969.75	13216.05	0.9269	12
Total					1297790		1,198
Jan-08	3060	3075.3	13490	13422.55	10347.25	0.9269	9
Feb-08	2910	2924.55	16840	16755.8	13831.25	0.9269	12
Mar-08	2330	2341.65	22410	22297.95	19956.3	0.9269	18
Apr-08	2670	2683.35	18450	18357.75	15674.4	0.9269	14
May-08	1190	1195.95	120080	119479.6	118283.65	0.9269	109
Jun-08	850	854.25	190300	189348.5	188494.25	0.9269	174
Jul-08	300	301.5	284320	282898.4	282596.9	0.9269	261
Aug-08	400	402	300310	298808.45	298406.45	0.9269	276
Sep-08	1380	1386.9	116950	116365.25	114978.35	0.9269	106
Oct-08	1560	1567.8	83760	83341.2	81773.4	0.9269	75
Nov-08	3580	3597.9	8930	8885.35	5287.45	0.9269	4
Dec-08	3310	3326.55	11530	11472.35	8145.8	0.9269	7
Total					1157775.45		1,065
Jan-09	2770	2783.85	16660	16576.7	13792.85	0.9269	12
Feb-09	2790	2803.95	18540	18447.3	15643.35	0.9269	14
Mar-09	2040	2050.2	20050	19949.75	17899.55	0.9269	16
Apr-09	2870	2884.35	21280	21173.6	18289.25	0.9269	16

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May-09	1340	1346.7	82390	81978.05	80631.35	0.9269	74
Jun-09	640	640	200230	200230	199590	0.9269	184
Jul-09	440	440	265960	265960	265520	0.9269	246
Aug-09	230	230	346490	346490	346260	0.9269	320
Sep-09	970	970	178330	178330	177360	0.9269	164
Oct-09	1250	1250	146420	146420	145170	0.9269	134
Nov-09	3260	3260	21560	21560	18300	0.9269	16
Dec-09	3140	3140	6120	6120	2980	0.9269	2
Total					1301436.35		1,198
Jan-10	2630	2630	17270	17270	14640	0.9269	13
Feb-10	2180	2180	27100	27100	24920	0.9269	23
Mar-10	2430	2430	22590	22590	20160	0.9269	18
Total					59720		54
							3,461

net electricity exported = 38,16,721.80

44) HTSC No. D20, Location – 233/1(P), 228/1(P), 2C1(P), Kozhumankondan

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO ₂ / MWh)	BE (tCO ₂ /MWh)
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Apr-07	1465	1465	11610	11610	10145	0.9269	9
May-07	1550	1550	111950	111950	110400	0.9269	102
Jun-07	940	940	135390	135390	134450	0.9269	124
Jul-07	310	310	280940	280940	280630	0.9269	260
Aug-07	330	330	260280	260280	259950	0.9269	240
Sep-07	650	650	218830	218830	218180	0.9269	202
Oct-07	700	700	161080	161080	160380	0.9269	148
Nov-07	2960	2974.8	19030	18934.85	15960.05	0.9269	14
Dec-07	2550	2562.75	17040	16954.8	14392.05	0.9269	13
Total					1204487.1		1,112
Jan-08	2760	2773.8	16870	16785.65	14011.85	0.9269	12
Feb-08	2890	2904.45	16730	16646.35	13741.9	0.9269	12
Mar-08	2310	2321.55	26030	25899.85	23578.3	0.9269	21
Apr-08	2520	2532.6	23460	23342.7	20810.1	0.9269	19
May-08	940	944.7	120580	119977.1	119032.4	0.9269	110
Jun-08	630	633.15	183360	182443.2	181810.05	0.9269	168
Jul-08	210	211.05	281430	280022.85	279811.8	0.9269	259
Aug-08	400	402	297140	295654.3	295252.3	0.9269	273
Sep-08	1110	1115.55	125200	124574	123458.45	0.9269	114

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Oct-08	1350	1356.75	83800	83381	82024.25	0.9269	76
Nov-08	3540	3557.7	9460	9412.7	5855	0.9269	5
Dec-08	3090	3105.45	15210	15133.95	12028.5	0.9269	11
Total					1171414.9		1,080
Jan-09	2560	2572.8	21820	21710.9	19138.1	0.9269	17
Feb-09	2840	2854.2	23580	23462.1	20607.9	0.9269	19
Mar-09	1970	1979.85	24270	24148.65	22168.8	0.9269	20
Apr-09	2920	2934.6	25350	25223.25	22288.65	0.9269	20
May-09	1130	1135.65	85700	85271.5	84135.85	0.9269	77
Jun-09	460	462.3	204300	203278.5	202816.2	0.9269	187
Jul-09	440	442.2	272580	271217.1	270774.9	0.9269	250
Aug-09	170	170	350190	350190	350020	0.9269	324
Sep-09	650	650	203150	203150	202500	0.9269	187
Oct-09	950	950	160550	160550	159600	0.9269	147
Nov-09	3070	3070	23470	23470	20400	0.9269	18
Dec-09	3000	3000	7030	7030	4030	0.9269	3
Total					1378480.4		1,269
Jan-10	2420	2420	21780	21780	19360	0.9269	17
Feb-10	1990	1990	32700	32700	30710	0.9269	28

Mar-10	2410	2410	26100	26100	23690	0.9269	21
Total					73760		

66

3,461

net electricity exported = **38,28,142.40**

45) HTSC No. D21, Location – 500/3(P), Melakaraipatti

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1600	1608	13560	13492.2	11884.2	0.9269	11
May-07	1580	1587.9	128770	128126.15	126538.25	0.9269	117
Jun-07	930	934.65	161690	160881.55	159946.9	0.9269	148
Jul-07	110	110.55	345490	343762.55	343652	0.9269	318
Aug-07	320	321.6	285400	283973	283651.4	0.9269	262
Sep-07	650	653.25	249900	248650.5	247997.25	0.9269	229
Oct-07	670	673.35	186770	185836.15	185162.8	0.9269	171
Nov-07	2920	2934.6	24040	23919.8	20985.2	0.9269	19
Dec-07	2540	2552.7	19650	19551.75	16999.05	0.9269	15
Total					1396817.05		1,290
Jan-08	2790	2803.95	15990	15910.05	13106.1	0.9269	12
Feb-08	2760	2773.8	20850	20745.75	17971.95	0.9269	16

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Mar-08	2260	2271.3	27400	27263	24991.7	0.9269	23
Apr-08	2470	2482.35	25170	25044.15	22561.8	0.9269	20
May-08	940	944.7	136580	135897.1	134952.4	0.9269	125
Jun-08	660	663.3	205140	204114.3	203451	0.9269	188
Jul-08	190	190.95	302370	300858.15	300667.2	0.9269	278
Aug-08	320	321.6	312180	310619.1	310297.5	0.9269	287
Sep-08	1180	1185.9	129860	129210.7	128024.8	0.9269	118
Oct-08	1410	1417.05	88040	87599.8	86182.75	0.9269	79
Nov-08	3380	3396.9	10630	10576.85	7179.95	0.9269	6
Dec-08	3170	3185.85	13510	13442.45	10256.6	0.9269	9
Total					1259643.75		1,161
Jan-09	2630	2643.15	22570	22457.15	19814	0.9269	18
Feb-09	2910	2924.55	23540	23422.3	20497.75	0.9269	18
Mar-09	2110	2120.55	21470	21362.65	19242.1	0.9269	17
Apr-09	3000	3015	25840	25710.8	22695.8	0.9269	21
May-09	1150	1155.75	89990	89540.05	88384.3	0.9269	81
Jun-09	460	460	208830	208830	208370	0.9269	193
Jul-09	330	330	284680	284680	284350	0.9269	263
Aug-09	150	150	362210	362210	362060	0.9269	335

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Sep-09	710	710	206040	206040	205330	0.9269	190
Oct-09	1060	1060	162320	162320	161260	0.9269	149
Nov-09	3330	3330	24020	24020	20690	0.9269	19
Dec-09	3230	3230	8620	8620	5390	0.9269	4
Total					1418083.95		1,308
Jan-10	2670	2670	22280	22280	19610	0.9269	18
Feb-10	2130	2130	36920	36920	34790	0.9269	32
Mar-10	2400	2400	29140	29140	26740	0.9269	24
Total					81140		74

3,759

net electricity exported = 41,55,684.75

46) HTSC No. D22, Location – 495/2A(P), 2B(P),492/2(P), Kozhumankondam

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1440	1440	14144	14144	12704	0.9269	11
May-07	1456	1456	122784	122784	121328	0.9269	112
Jun-07	968	968	149248	149248	148280	0.9269	137
Jul-07	112	112	338272	338272	338160	0.9269	313

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Aug-07	248	248	284176	284176	283928	0.9269	263
Sep-07	648	648	234800	234800	234152	0.9269	217
Oct-07	752	752	169400	169400	168648	0.9269	156
Nov-07	2944	2944	21432	21432	18488	0.9269	17
Dec-07	2520	2532.6	19824	19724.88	17192.28	0.9269	15
Total					1342880.28		1,241
Jan-08	2776	2789.88	16808	16723.96	13934.08	0.9269	12
Feb-08	2856	2870.28	18720	18626.4	15756.12	0.9269	14
Mar-08	2240	2251.2	26624	26490.88	24239.68	0.9269	22
Apr-08	2512	2524.56	27464	27326.68	24802.12	0.9269	22
May-08	936	940.68	125032	124406.84	123466.16	0.9269	114
Jun-08	632	635.16	186792	185858.04	185222.88	0.9269	171
Jul-08	264	265.32	284816	283391.92	283126.6	0.9269	262
Aug-08	336	337.68	309392	307845.04	307507.36	0.9269	285
Sep-08	1152	1157.76	130472	129819.64	128661.88	0.9269	119
Oct-08	1512	1519.56	83600	83182	81662.44	0.9269	75
Nov-08	3480	3497.4	11272	11215.64	7718.24	0.9269	7
Dec-08	3104	3119.52	15184	15108.08	11988.56	0.9269	11
Total					1208086.12		1,114

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Jan-09	2584	2596.92	22040	21929.8	19332.88	0.9269	17
Feb-09	2696	2709.48	21872	21762.64	19053.16	0.9269	17
Mar-09	1920	1929.6	29120	28974.4	27044.8	0.9269	25
Apr-09	2760	2773.8	27800	27661	24887.2	0.9269	23
May-09	1056	1061.28	90728	90274.36	89213.08	0.9269	82
Jun-09	416	416	212848	212848	212432	0.9269	196
Jul-09	344	344	288144	288144	287800	0.9269	266
Aug-09	136	136	361464	361464	361328	0.9269	334
Sep-09	624	624	215376	215376	214752	0.9269	199
Oct-09	896	896	167128	167128	166232	0.9269	154
Nov-09	2992	2992	24424	24424	21432	0.9269	19
Dec-09	3072	3072	7912	7912	4840	0.9269	4
Total					1448347.12		1,336
Jan-10	2480	2480	22360	22360	19880	0.9269	18
Feb-10	2144	2144	34000	34000	31856	0.9269	29
Mar-10	2248	2248	30592	30592	28344	0.9269	26
Total					80080		73

3,691

net electricity exported = 40,79,393.52

47) HTSC No. D23, Location – 478/2A(P), Kozhumankondam

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1664	1664	11692	11692	10028	0.9269	9
May-07	1648	1648	113384	113384	111736	0.9269	103
Jun-07	1088	1088	135992	135992	134904	0.9269	125
Jul-07	232	232	328736	328736	328504	0.9269	304
Aug-07	384	384	269360	269360	268976	0.9269	249
Sep-07	856	856	213192	213192	212336	0.9269	196
Oct-07	752	752	147776	147776	147024	0.9269	136
Nov-07	2976	2976	16200	16200	13224	0.9269	12
Dec-07	2664	2677.32	16888	16803.56	14126.24	0.9269	13
Total					1240858.24		1,147
Jan-08	2904	2918.52	13200	13134	10215.48	0.9269	9
Feb-08	2960	2974.8	14592	14519.04	11544.24	0.9269	10
Mar-08	2408	2420.04	22272	22160.64	19740.6	0.9269	18
Apr-08	2664	2677.32	23648	23529.76	20852.44	0.9269	19
May-08	1096	1101.48	114120	113549.4	112447.92	0.9269	104
Jun-08	744	747.72	174120	173249.4	172501.68	0.9269	159

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Jul-08	392	393.96	257008	255722.96	255329	0.9269	236
Aug-08	360	361.8	305576	304048.12	303686.32	0.9269	281
Sep-08	1272	1278.36	121824	121214.88	119936.52	0.9269	111
Oct-08	1528	1535.64	81080	80674.6	79138.96	0.9269	73
Nov-08	1080	1085.4	5424	5396.88	4311.48	0.9269	3
Dec-08	3088	3103.44	13000	12935	9831.56	0.9269	9
Total					1119536.2		1,032
Jan-09	2752	2765.76	17776	17687.12	14921.36	0.9269	13
Feb-09	2760	2773.8	16488	16405.56	13631.76	0.9269	12
Mar-09	2088	2098.44	24680	24556.6	22458.16	0.9269	20
Apr-09	2752	2765.76	23696	23577.52	20811.76	0.9269	19
May-09	1248	1254.24	84200	83779	82524.76	0.9269	76
Jun-09	592	592	189920	189920	189328	0.9269	175
Jul-09	424	424	272856	272856	272432	0.9269	252
Aug-09	232	232	348712	348712	348480	0.9269	323
Sep-09	688	688	201840	201840	201152	0.9269	186
Oct-09	1056	1056	155104	155104	154048	0.9269	142
Nov-09	3104	3104	20032	20032	16928	0.9269	15
Dec-09	3136	3136	5200	5200	2064	0.9269	1

MONITORING REPORT: *VCS Version 3*

Total					1338779.8		1,234
Jan-10	2600	2600	16680	16680	14080	0.9269	13
Feb-10	2408	2408	25784	25784	23376	0.9269	21
Mar-10	2408	2408	25000	25000	22592	0.9269	20
Total					60048		54

3,413

net electricity exported = **37,59,222.24**

48) HTSC No. D24, Location – 20/1B(P), 2B(P), 21/IB(P), Puspathur

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1500	1500	11340	11340	9840	0.9269	9
May-07	1490	1490	108400	108400	106910	0.9269	99
Jun-07	860	860	125090	125090	124230	0.9269	115
Jul-07	190	190	331920	331920	331730	0.9269	307
Aug-07	360	360	253960	253960	253600	0.9269	235
Sep-07	790	790	203880	203880	203090	0.9269	188
Oct-07	810	810	148070	148070	147260	0.9269	136
Nov-07	3090	3090	18530	18530	15440	0.9269	14
Dec-07	2530	2542.65	22750	22636.25	20093.6	0.9269	18

MONITORING REPORT: *VCS Version 3*

Total					1212193.6		1,121
Jan-08	2590	2602.95	19330	19233.35	16630.4	0.9269	15
Feb-08	2940	2954.7	15160	15084.2	12129.5	0.9269	11
Mar-08	2340	2351.7	29400	29253	26901.3	0.9269	24
Apr-08	2770	2783.85	21480	21372.6	18588.75	0.9269	17
May-08	1060	1065.3	107290	106753.55	105688.25	0.9269	97
Jun-08	660	663.3	175170	174294.15	173630.85	0.9269	160
Jul-08	210	211.05	272300	270938.5	270727.45	0.9269	250
Aug-08	440	442.2	285600	284172	283729.8	0.9269	262
Sep-08	1290	1296.45	122600	121987	120690.55	0.9269	111
Oct-08	1450	1457.25	79000	78605	77147.75	0.9269	71
Nov-08	3220	3236.1	10230	10178.85	6942.75	0.9269	6
Dec-08	1240	1246.2	0	0	-1246.2	0.9269	(1)
Total					1111561.15		1,023
Jan-09	1200	1206	3820	3800.9	2594.9	0.9269	2
Feb-09	2790	2803.95	22960	22845.2	20041.25	0.9269	18
Mar-09	2140	2150.7	26780	26646.1	24495.4	0.9269	22
Apr-09	3320	3336.6	21110	21004.45	17667.85	0.9269	16
May-09	1320	1326.6	75820	75440.9	74114.3	0.9269	68

MONITORING REPORT: *VCS Version 3*

Jun-09	470	470	193980	193980	193510	0.9269	179
Jul-09	450	450	266490	266490	266040	0.9269	246
Aug-09	160	160	337730	337730	337570	0.9269	312
Sep-09	790	790	197310	197310	196520	0.9269	182
Oct-09	1100	1100	149460	149460	148360	0.9269	137
Nov-09	3410	3410	20780	20780	17370	0.9269	16
Dec-09	3160	3160	6590	6590	3430	0.9269	3
Total					1301713.7		1,201
Jan-10	2490	2490	21040	21040	18550	0.9269	17
Feb-10	2300	2300	33680	33680	31380	0.9269	29
Mar-10	2610	2610	25090	25090	22480	0.9269	20
Total					72410		66
							3,345

net electricity exported = **36,97,878.45**

49) HTSC No. D25, Location – 500/1C(P), 2C(P), Kozhumankondam

Month	Electricity Imported (kWh)	EGI (kWh)	Electricity Exported (kWh)	EGE (kWh)	Net electricity supplied to Southern grid by the project activity (EGy)	EFy (tCO2/MWh)	BE (tCO2/MWh)
Apr-07	1510	1517.55	12610	12546.95	11029.4	0.9269	10

MONITORING REPORT: *VCS Version 3*

May-07	1500	1507.5	117430	116842.85	115335.35	0.9269	106
Jun-07	960	964.8	142500	141787.5	140822.7	0.9269	130
Jul-07	110	110.55	342100	340389.5	340278.95	0.9269	315
Aug-07	480	482.4	257240	255953.8	255471.4	0.9269	236
Sep-07	680	683.4	214000	212930	212246.6	0.9269	196
Oct-07	0	0	4950	4925.25	4925.25	0.9269	4
Nov-07	2930	2944.65	19480	19382.6	16437.95	0.9269	15
Dec-07	2760	2773.8	16840	16755.8	13982	0.9269	12
Total					1110529.6		1,024
Jan-08	3010	3025.05	13500	13432.5	10407.45	0.9269	9
Feb-08	3020	3035.1	14350	14278.25	11243.15	0.9269	10
Mar-08	2420	2432.1	22790	22676.05	20243.95	0.9269	18
Apr-08	2680	2693.4	22690	22576.55	19883.15	0.9269	18
May-08	980	984.9	120120	119519.4	118534.5	0.9269	109
Jun-08	650	653.25	184090	183169.55	182516.3	0.9269	169
Jul-08	270	271.35	281290	279883.55	279612.2	0.9269	259
Aug-08	340	341.7	315360	313783.2	313441.5	0.9269	290
Sep-08	1200	1206	127870	127230.65	126024.65	0.9269	116
Oct-08	1430	1437.15	90000	89550	88112.85	0.9269	81

MONITORING REPORT: *VCS Version 3*

Nov-08	3590	3607.95	10400	10348	6740.05	0.9269	6
Dec-08	3260	3276.3	13270	13203.65	9927.35	0.9269	9
Total					1186687.1		1,094
Jan-09	2900	2914.5	18480	18387.6	15473.1	0.9269	14
Feb-09	2980	2994.9	17330	17243.35	14248.45	0.9269	13
Mar-09	2150	2160.75	26150	26019.25	23858.5	0.9269	22
Apr-09	2850	2864.25	25900	25770.5	22906.25	0.9269	21
May-09	1120	1125.6	90640	90186.8	89061.2	0.9269	82
Jun-09	480	480	206810	206810	206330	0.9269	191
Jul-09	350	350	286800	286800	286450	0.9269	265
Aug-09	240	240	364350	364350	364110	0.9269	337
Sep-09	560	560	214270	214270	213710	0.9269	198
Oct-09	960	960	163430	163430	162470	0.9269	150
Nov-09	3090	3090	22110	22110	19020	0.9269	17
Dec-09	3110	3110	5990	5990	2880	0.9269	2
Total					1420517.5		1,312
Jan-10	2570	2570	18360	18360	15790	0.9269	14
Feb-10	2320	2320	28210	28210	25890	0.9269	23
Mar-10	2380	2380	26200	26200	23820	0.9269	22

Total	65500	59
		3,430
net electricity exported = 37,83,234.20		

WTGs owned by SDPL

50 & 51) HTSC No. K310 and K311, Location – 72, 77 Keluru

Month	Electricity imported by the project activity (EGI)	Transmission loss during import of electricity (EGT-I)	Imports in kWh	Electricity imported by the project activity (EGI)	Exports in kWh	Total electricity generated by the project activity (TEGy)	Transmission Losses in export (EG _{T-E})	Net electricity supplied to the grid (EGy)	BE (tCO ₂ /MWh)
Apr-07	3000	450	3450	3450	491400	491400	10245.3	477704.7	442
May-07	3000	450	3450	3450	491400	491400	10245.3	477704.7	442
Jun-07	2100	315	2415	2415	778200	778200	19215.82	756569.18	701
Jul-07	1500	225	1725	1725	928200	928200	19278.84	907196.16	840
Aug-07	900	135	1035	1035	934200	934200	19797.9	913367.1	846
Sep-07	2700	405	3105	3105	713700	713700	16694.43	693900.57	643
Oct-07	4800	720	5520	5520	187200	187200	3702.38	177977.62	

									164
Nov-07	3900	585	4485	4485	237300	237300	4863.9	227951.1	211
Dec-07	3600	540	4140	4140	372300	372300	6826.05	361333.95	334
Total		0	0					4993705.08	4,623
Jan-08	4500	675	5175	5175	264300	264300	5244.93	253880.07	235
Feb-08	6900	1035	7935	7935	133500	133500	3605.22	121959.78	113
Mar-08	6600	990	7590	7605.18	232500	232035	5831.05	218598.77	202
Apr-08	6300	945	7245	7259.49	196800	196406.4	5373.48	183773.43	170
May-08	3000	450	3450	3456.9	498300	497303.4	11001.74	482844.76	447
Jun-08	600	90	690	691.38	100800 0	1005984	23577.98	981714.64	909
Jul-08	1500	225	1725	1728.45	931800	929936.4	23615.1	904592.85	838
Aug-08	2400	360	2760	2765.52	812700	811074.6	18089	790220.08	732
Sep-08	3900	585	4485	4493.97	620700	619458.6	14310	600654.63	556

Oct-08	5100	765	5865	5865	240600	240600	5373	229362	212
Nov-08	3900	585	4485	4485	341700	341700	7099	330116	305
Dec-08	4200	630	4830	4830	279900	279900	5886	269184	249
Total		0	0					5366901.01	4,968
Jan-09	3600	540	4140	4140	338700	338700	6843	327717	303
Feb-09	5400	810	6210	6210	171000	171000	4742	160048	148
Mar-09	7200	1080	8280	8280	116700	116700	4416	104004	96
Apr-09	5400	810	6210	6210	243600	243600	6199	231191	214
May-09	3900	585	4485	4485	382200	382200	8754	368961	341
Jun-09	1200	180	1380	1380	516600	516600	10909	504311	467
Jul-09	600	90	690	690	133110 0	1331100	30517	1299893	1,204
Aug-09	2100	315	2415	2415	707700	707700	15301	689984	639
Sep-09	4200	630	4830	4839.66	411300	410477.4	9810	395827.74	

									366
Oct-09	5100	765	5865	5876.73	230400	229939.2	5684	218378.47	202
Nov-09	0	0	0	0	0	0	-	0	-
Dec-09	6000	900	6900	6913.8	7800	7784.4	159	711.6	-
Total								4301026.81	3,980
Jan-10	3600	540	4140	4148.28	273000	272454	6470	261835.72	242
Feb-10	4500	675	5175	5185.35	119700	119460.6	3741	110534.25	102
Mar-10	4500	675	5175	5185.35	196200	195807.6	5401	185221.25	171
								557591.22	515
SUM	1,31,700.00	19,755.00	1,51,455.00	1,51,575.06	1,57,40,700.00	1,57,29,621.60	3,58,822.42	1,52,19,224.12	13,571

52 and 53) HTSC No. H23 and H24, Location -1, Rangapurakavalu

Month	Electricity imported by the project activity (EGI)	Transmission loss during import of electricity (EGT-I)	Imports in kWh	Electricity imported by the project activity (EGI)	Exports in kWh	Total electricity generated by the project activity (TEGy)	Transmission Losses in export (EG _{T-E})	Net electricity supplied to the grid (EGy)	BE (tCO ₂ /MWh)
Apr-07	0	0	0	0	0	0	-	0	-
May-07	600	90	690	691.38	10500	10479	456.75	9330.87	8
Jun-07	6000	900	6900	6913.8	93000	92814	7244.7	78655.5	72
Jul-07	1200	180	1380	1382.76	1154100	1151791.8	21020.31	1129388.73	1,046
Aug-07	0	0	0	0	1203300	1200893.4	21020.31	1179873.09	1,093
Sep-07	0	0	0	0	0	0	21020.31	-21020.31	(19)
Oct-07	3300	495	3795	3802.59	416700	415866.6	9292.41	402771.6	373
Nov-07	1800	270	2070	2074.14	453600	452692.8	8210.16	442408.5	410
Dec-07	900	135	1035	1037.07	822000	820356	12741	806577.93	747
Total		0	0	0		0		4027985.91	3,730

Jan-08	3000	450	3450	3456.9	486000	485028	8553.6	473017.5	438
Feb-08	4800	720	5520	5531.04	333900	333232.2	6878.34	320822.82	297
Mar-08	3000	450	3450	3456.9	651600	650296.8	11841	634998.9	588
Apr-08	4800	720	5520	5531.04	336900	336226.2	9606	321089.16	297
May-08	3300	495	3795	3802.59	649500	648201	11640	632758.41	586
Jun-08	600	90	690	691.38	1439400	1436521.2	26094	1409735.82	1,306
Jul-08	1800	270	2070	2074.14	1144200	1141911.6	19163	1120674.46	1,038
Aug-08	2700	405	3105	3111.21	950400	948499.2	14659	930728.99	862
Sep-08	2100	315	2415	2419.83	966600	964666.8	17511	944735.97	875
Oct-08	3300	495	3795	3802.59	434400	433531.2	8800	420928.61	390
Nov-08	2400	360	2760	2765.52	374700	373950.6	6484	364701.08	338
Dec-08	1800	270	2070	2074.14	617100	615865.8	11590	602201.66	558

Total		0	0					8176393.38	7,573
Jan-09	2400	360	2760	2765.52	694500	693111	12702	677643.48	628
Feb-09	3000	450	3450	3456.9	506100	505087.8	10549	491081.9	455
Mar-09	5700	855	6555	6568.11	205800	205388.4	7685	191135.29	177
Apr-09	4174	626	4800	4809.6	321300	320657.4	8777	307070.8	284
May-09	3391	509	3900	3907.8	560700	559578.6	11458	544212.8	504
Jun-09	1043	157	1200	1202.4	928200	926343.6	18119	907022.2	840
Jul-09	0	0	0	0	1767000	1763466	32452	1731014	1,604
Aug-09	1826	274	2100	2104.2	922200	920355.6	15352	902899.4	836
Sep-09	1826	274	2100	2104.2	766500	764967	16825	746037.8	691
Oct-09	4435	665	5100	5110.2	417300	416465.4	8404	402951.2	373
Nov-09	0	0	0	0	0	0	0	0	-
Dec-09	0	0	0	0	0	0	0	0	

									-
Total			0					6901068.87	6,392
Jan-10	2609	391	3000	3006	496800	495806.4	10683	482117.4	446
Feb-10	3652	548	4200	4208.4	293100	292513.8	7813	280492.4	259
Mar-10	2870	430	3300	3306.6	412200	411375.6	9950	398119	369
								1160728.8	1,074
SUM	84,326.09	12,648.91	96,975.00	97,168.95	2,08,20,600.00	2,07,87,940.80	4,24,594.89	2,02,66,176.96	17,695

Based on the above the **BE_y (Baseline Emission)** for the monitoring period is: **296,258 tCO₂e**

4.2 Project Emissions

As per the registered PD, the project activity does not emit any GHGs and hence project emission is zero.

Based on the above the **PE_y (Project Emission)** for the monitoring period is: **0 tCO₂e**

4.3 Leakage

Based on above the registered PD, leakage is zero.

LE_y (Total Leakages) for the monitoring period is: **0 tCO₂e**

4.4 Summary of GHG Emission Reductions and Removals

Summary and cumulative emission reduction

Period	Net Energy Exported to the grid (Adjusted) by all WTGs	
	kWh	MWh
Sept 2006 – Mar 2007	0	0
April 2007- Dec 2007	93,477,778.58	93,477.78
Jan 2008- Dec 2008	11,08,93,498.22	1,10,893.50
Jan 2009 - Dec 2009	10,82,72,336.69	1,08,272.34
Jan 2010 - Mar 2010	78,72,996.48	7,873.00
Total =		320,517

Table 4: Net Electricity export and emission reduction from individual WTG owners in the project

Owner	Net Electricity exported (MWh)			
	2007	2008	2009	2010
KBDL	10,302	8,528	8,322	347
DA Satyaprabha	5,518	6,597	7,813	162

DA Srinivas	8,494	10,521	10,632	357
DK Audikesavulu	22,858	20,802	24,902	1,119
SDPL	46,305	64,303	56,603	5,888
Total	93,478	1,10,751	1,08,272	7,873

Owner	Emission Reduction (tCO ₂ /MWh)			
	2007	2008	2009	2010
KBDL	9,530	7,883	7,697	318
DA Satyaprabha	5,093	6,088	7,215	141
DA Srinivas	7,845	9,715	9,822	323
DK Audikesavulu	21,110	19,161	22,965	1,012
SDPL	42,850	59,638	52,405	5,447

5 ADDITIONAL INFORMATION

Not Applicable

Abbreviations in the Report

<u>CO₂</u>	<u>Carbon dioxide</u>
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<u>CEA</u>	<u>Central Electricity Authority</u>
<u>VER</u>	<u>Verified Emission Reduction</u>
<u>CDM</u>	<u>Clean Development Mechanism</u>
<u>MW</u>	<u>mega Watt</u>
<u>MWh</u>	<u>Megawatt hour</u>
<u>kW</u>	<u>kilo Watt</u>
<u>kWh</u>	<u>kilo Watt hour</u>
<u>PD</u>	<u>Project Description</u>
<u>tCO₂e</u>	<u>Tons of carbon dioxide equivalent</u>
<u>TNEB</u>	<u>Tamilnadu Electricity Board</u>
<u>HESCOM</u>	<u>Hubli Electricity Supply Company Limited</u>
<u>CESC</u>	<u>Chamundeshwari Electricity Supply Corporation Limited</u>
<u>UNFCCC</u>	<u>United Nations Framework Convention on Climate Change</u>
<u>WTGs</u>	<u>Wind Turbine Generators</u>
<u>VCS</u>	<u>Voluntary Carbon Standard</u>