

15 MW Bundled grid-connected wind electricity generation project in Radhapuram Taluk of Tirunelveli District in Tamil nadu, India

Name of the Company	HTSC No.	Parameter	Year Unit	2006	2007	2008	2009	2010	2011	2012	Total (kWh)
Sangeeth Textiles Limited	1783		kWh	1160717	2150653	2122318	2303604	2090332	2070689	406018	12304332
	550		kWh	2136301	2319327	2007270	2436651	2286008	2083242	314562	13583360
	830		kWh	2216116	2397660	2334949	2758596	2544533	2385195	351216	14988264
Sri Mookambiga Spinning Mills pvt Ltd	1749		kWh	1708880	2494445	2135210	2385834	2292337	2278313	391268	13686287
	675		kWh	2054339	2172932	2147019	2578236	2268143	2238204	343705	13802577
	676		kWh	2025483	2197863	2074185	1263700	2242418	2124208	270904	12198761
CAV Cotton Mills Ltd	656		kWh	2188663	2289735	2202580	2549769	2486468	2302974	322937	14343125
	655		kWh	2035011	2136963	1978843	2337280	2172121	2105364	336654	13102236
	1659		kWh	1745673	2202894	1998604	2211229	2159172	2218880	347931	12884381
Sri Vasudeva Textiles	1660		kWh	1444258	2180224	2083913	2420856	2189335	2268882	305147	12892615
	548		kWh	1887594	2030416	1912998	2448682	2484054	2651927	279252	13694924
	745		kWh	1785881	2404584	2123784	2595700	2428663	2350729	292889	13982230

Quantity of net electricity generation supplied by the project plant to the grid in year y	$EG_{EXP,i,y}$	MWh	22388.92	26977.69	25121.67	28290.14	27643.58	27078.61	3962.48	161463.09
Baseline Emission Factor	EF_y	tCO ₂ /MWh	0.927	0.927	0.927	0.927	0.927	0.927	0.927	
Baseline Emission	BE_y	tCO ₂	20754.00	25008.00	23287.00	26224.00	25625.00	25101.00	3673.00	149672.00
Project Emission	PE_y	tCO ₂	0	0	0	0	0	0	0	0
Leakage Emission	LE_y	tCO ₂	0	0	0	0	0	0	0	0
Net Emission Reduction	ER_y	tCO ₂	20754.00	25008.00	23287.00	26224.00	25625.00	25101.00	3673.00	149672.00

Actual Emission Reduction considering the monitoring period (tCO₂e/year)	149672.00
Monitoring Period Start Date	28/03/2006
Monitoring Period End Date	27/03/2012
Total Days	2192
Estimated Annual Emission Reduction as per PD(tCO₂)	25305
Estimated Emission reduction in Current Monitotring Period as per PD(tCO₂)	151969
Variation in the emission reduction	-1.51%