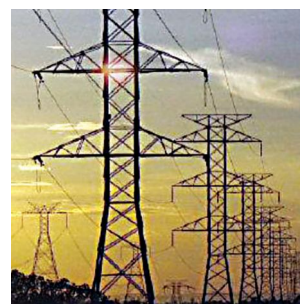


Power & Non-conventional Energy Sources Department



The major roles of the Department of Power & Non-conventional Energy Sources are:

- To evolve general policies and programmes as well as perspective planning on development of electricity in the state and ensure implementation of the same through various power utilities in public and private sectors.
- To exercise control over the generation, distribution and utilisation of electricity in the state for the general well-being of the people.
- Overseeing and providing requisite inputs towards acceleration of the implementation of power projects and processing investment decisions and loan agreements therefor.
- Matters pertaining to Rural Electrification Programme and Rural Electric Cooperative Societies.
- Matters relating to Energy Management, Energy Audit, Conservation of Energy, Pilferage/loss of energy, Pollution Control measures, Renovation & Modernisation of power plants.
- Promotion and commercial exploitation of non-conventional sources of energy.

For the first time, the state has experienced round the clock power surplus situation on sustained basis in the summer this year.

Plan outlay of the Department has been hiked by over 94%, from Rs.520.60 Crores in 2011-12 to Rs. 1010.50 Crores in 2012-13.

Some significant achievements of different state-owned utilities under the Department, viz. WBPDC, WBSEDCL, WBSETCL, DPL, WBGEDCL and WBREDA are:

- Construction of a new 250 MW (No.6) power plant of Santaldihi Thermal Power Station completed on a war footing. Started commercial operation from 30th September, 2011.
- Order placed for renovation of 210 MW (Unit No.5) of Bandel Thermal Power Station (World Bank aided).
- Two more units (1000 MW) are coming up at Sagardighi and one more unit (250 MW) is coming up at DPL.
- WBPDC achieved highest-ever generation (peak) of 3759 MW on 4th March, 2012.
- WBSETCL has completed Muriganga River Crossing Line and has extended grid power to Sagar Island from the mainland from 19th October, 2011.
- Grid power has been extended to Gosaba Island in the Sunderbans (commissioned on 16th April, 2012).
- Comprehensive Rural Electrification Programme, "Sabar Ghare Alo", has been sanctioned in 11 (eleven) backward districts under Backward Region Grant Fund (BRGF).
- First-ever policy on Cogeneration and Generation of Electricity from Renewable Energy Sources has been drawn up and will be formally released soon.
- Number of WBSEDCL consumers crossed the 1 Crore milestone.
- More than 14 lakh new connections were given during 2011-12 including BPL families by WBSEDCL.
- State-of-the-art Data Centre and Disaster Recovery Centre of WBSEDCL, the first of its kind in India, made operational.
- Pace of rural electrification work speeded up significantly.
- Capacity of grid connected Solar Power generation station of WBGEDCL at Jamuria enhanced from 1 MW to 2 MW.
- Record power generation in excess of demand conserved through Power Banking process.
- Public grievance disposal system in the Department has been modernized to reduce response time.

Salient comparative performance in respect of select parameters is shown here:

Sl. No.	Parameters	As on 31st March-2010	As on 31st March-2011	As on 31st March-2012
1	No. of new consumer added (WBSEDCL) (in lakhs)	3.28	8.79	16.35
2	No. of Mouzas intensified (WBSEDCL) (Cumulative)	0	7854	11302
3	New Measures taken for improvement of voltages in transmission Sub-Stations (WBSETCL)	1	2	17
4	Total Generation in MU (WBPDCCL) (Cumulative)	20887.13	22400.47	23806.79
5	Hydro Power generated by WBSEDCL (In MU) (Cumulative)	264.60	356.40	427.60
6	No. of new 33 KV Sub-Stations added (for RE extension work)	17	9	14
7	Transformation capacity added in 33 KV Sub-Stations (voltage improvement measure)	275 MVA	240 MVA	674 MVA
8	Solar Home Lighting Programme (families) (Cumulative)	0	2100	3800
9	Solar Water Heating Programme (Litres per day) (Cumulative)	5000	5000	6500
10	Solar Lantern Programme (families) (Cumulative)	0	500	1800
11	Solar Cooker Programme (Cumulative)	0	0	1035
12	Battery Operated Vehicle Programme (Cumulative)	2000	3000	5,000
13	Biogas Plants (family) (Cumulative)	15,000	15,000	18,000
14	Solar Power Plant (installed capacity) (Cumulative)	0	11 kWp	1 MW
15	Remote Village Electrification Solar (street lights) (Cumulative)	315	335	1000



16	School Electrification- Solar (schools covered) (Cumulative)	0	6	108
17	Rice-husk based bio gassifier (Cumulative)	5340 kW	6380 kW	6850 kW
<u>SALES TURN OVER</u>				
	WBPDC (Rs. in crores)	5142.91	5832.12	6098.00
	WBSEDCL (Rs. in crores)	9163.24	10261.75	13672.95 (provisional)
	WBSETCL (Rs. in crores)	729.56	765.54	983 (provisional)
<u>PROFIT AFTER TAX</u>				
	WBSEDCL (Rs. in crores)	96.47	95.13	134.76 (provisional)
	WBPDC (Rs. in crores)	23.35	77.96	153 (provisional)
	WBSETCL (Rs. in crores)	174.68	174.49	215 (provisional)
N.B.	Abbreviations used above are as follows :			
	WBSEDCL- West Bengal State Electricity Distribution Co. Ltd.			
	WBSETCL- West Bengal State Electricity Transmission Co. Ltd.			
	WBPDC- West Bengal Power Development Corp. Ltd.			
	WBREDA- West Bengal Renewable Energy Development Agency			
	DPL - Durgapur Projects Limited			
	WBGEDCL - West Bengal Green Energy Development Corporation Ltd.			
	MW - Mega Watt			
	MU - Million Unit			
	MVA- Mega Volt Ampere			

