



**ORISSA POWER GENERATION CORPORATION**  
**IB THERMAL POWER STATION, BANHARPALI**  
**LIST OF EMS OBJECTIVES & TARGETS**

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SL.	OBJECTIVE	TARGET	STATUS, 2009-10
1	To improve fly ash utilisation	Improve fly ash utilisation from 23% to 30% by end of yr.(2010-11)	22.96%
2	To minimise source emission of Particulate Matter at ITPS.	To maintain particulate matter emission from Stacks of U#1&2 below 120 mg/Nm3 by the end of the yr 2010-11	Avg-Unit 1-136 mg/Nm3, Unit 2- 131 mg/Nm3
3	Reduction of Auxiliary Power Consumption	Retrofitting of 200 nos. traditional lights with LED light inside plant by 15.10.2010. Yearly Power Saving of about 70000 Units.	
4	Effective monitoring of ambient air quality	Install and monitor ambient air inside plant and colony through online ambient air monitoring station for parameters (PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> & NO <sub>x</sub> ) before 30.09.2010 and 25.03.2011 respectively.	monitoring through offline sampling
5	To comply with phasing out of Ozone depleting substance(ODS) guideline of MoE&F, Govt of India.	Phasing out of Halon System in Main Control Room, Control Panel Room, UPS Room, DAS Room, Annunciation Panel Room of U#1&2, by providing Non ODS system by 25.03.2011	Only Excitation room phasing out completed during 2007-08
6	To initiate action and respond to Climate Change by planting trees.	Plant 1000 no trees inside and outside plant by the year 2010-11.	So far planted 276744 numbers of trees

Management Representative

Director(Operation)