

First Prize	LANCO KONDAPALLI POWER LIMITED IDA-Kondapalli, Dist. Krishna(Andhra Pradesh)	Sector:- Thermal Power Stations (Gas fired plants > 100 MW capacity)
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Unit Profile:

LANCO Kondapalli Power Limited (LKPL) is the largest Independent Power Project (IPP) in Southern India and one of the largest IPPs in India. LANCO Kondapalli Power Plant is a 1476 MW Gas based Combined Cycle Power Plant located at Kondapalli Industrial Development Area near Vijayawada in Krishna District in the State of Andhra Pradesh. Phase #1 (368.144 MW) was commissioned in the year 2000 and is in operation. Phase #2 (366 MW) was commissioned in the year 2010 and stopped operation in February 2013 due to non availability of gas. Phase #3 (742 MW) is under commissioning. The Plant is operated and maintained as per International Practices and Standards by M/s Genting LANCO Power (India) Private Limited, which is a joint venture between GENTING, Malaysia and LANCO Group, India.



Brief Description of the major Energy Conservation Actions:

1. VFDs installed for HP Boiler Feed water pumps (2 Nos) and logic modification done to operate single BFP during single GT operation, and also for DM water transfer pump
2. ENCON Blades for Cooling Tower Fans
3. Energy saver Installed for Plant Lighting
4. Corrocoating for Main cooling water pump
5. Turbo Ventilators installed for Power block
6. ENCON blades for Gas Turbine Fin Fan
7. Raw water chlorination Booster pump

Total Investment	₹ 16.21 Lakhs
First Year Energy Cost Saving	₹ 839.58 Lakhs

Person who should be contacted for more Information:

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