

(ID 1623-09)
PROJECT CONCEPT NOTE

1	Name of Project	“Optimization of steam demand for evaporation of black liquor solids - Evaporator” at Sarapaka village, near Bhadrachalam town in Khamam district of Andhra Pradesh by M/s ITC Paperboards and Specialty Papers Division (PSPD)
2.	Location of the Project (Village / District / State)	Sarapaka village, near Bhadrachalam town in Khamam district of Andhra Pradesh
3.	Brief Description of the Project	Improving energy consumption is one of the ways to reduce CO2 emissions from the process industry. In the pulp and paper industry, the black liquor evaporation process consumes large quantities of energy. Black liquor is generated during the production of chemical pulp from wood and its main constituents are dissolved lignin, cooking chemicals and large quantities of process water. The water content of black liquor is recovered in the evaporation process and the dry solids concentration is raised to the level that facilitates its efficient combustion at the boiler.
4.	Estimate of GHG abatement in tCO ₂ eq.	169712
5.	Host Country Approval Status	Approved
6.	Project Owner / Proponent	Mr. Pradeep Dhobale MD,CEO ITC Limited-Paperboards & Specialty Papers Division, Unit-Bhadrachalam 106 Sardar Patel Road Sarapaka near Bhadrachalam town Secunderabad-500003, Andhra Pradesh
7.	Baseline Methodology	AM0018 / Version 01.1- Baseline methodology for steam optimization systems” and “Monitoring methodology for steam optimization systems.
8.	Project Start date	The project was conceptualized in the year 2005.
9.	Project completion date	Installation has been completed in the year 2007.