

## PROJECT CONCEPT NOTE

(ID no. 11)

1	Name of the Project	Switching of fossil fuel from naphtha to natural gas at BSES Andhra Power Limited's ("BAPL") combined cycle gas turbine (CCGT) generation station located at Samalkot, East Godavari District, Andhra Pradesh, India for power generation and supply to AP Transco Grid.
2	Location of the Project (Village / District / State)	Vetlapalem Village, East Godavari District, Andhra Pradesh, India
3	Brief Description of the project	<p>Principal aim of the project is to change the primary fuel from naphtha to natural gas in view to effect decrement in GHG emissions and minimize other environmental impacts. This switch in primary fossil fuel is envisaged as a CDM project activity. Gas Supply agreement was signed on a fall back basis with Gas Authority of India Limited (GAIL) for supply of one million standard cubic meter per day (1 MMSCD) of gas to BAPL (for 90% NG and 10% naphtha operation).</p> <p>Further, the Project Activity includes development, design, engineering, procurement, financing, construction, ownership, operation and maintenance of appropriate facilities to switch to natural gas as primary fuel including laying of appropriate gas pipelines and appurtenances and modifications in turbine &amp; control system. The power generated will provide electricity to AP Transco under a long term PPA.</p>
4	Estimate of GHG abatement in tCO <sub>2</sub> eq.	1744816
5	Host Country Approval Status	Approved

6	Project Owner / Proponent	BSES Andhra Power Limited, 6-3-1090/A, Village: Rajbhavan Road, Somajigudda, Hyderabad, Andhra Pradesh, Postfix/ZIP: 500 082 Tel: +91 (040) 332 6759 Fax: +91 (040) 332 6760 Contact Person: Mr. Krishna Murthy K, Executive Director. E-mail: <a href="mailto:bapl@hd2.dot.net.in">bapl@hd2.dot.net.in</a>
7	Baseline methodology	<a href="#">Methodology approved for small scale</a> but not for large scale
8	Project Start Date	10 <sup>th</sup> July, 2002
9	Project Completion Date	8 <sup>th</sup> November, 2002