

(ID 1411-09)

**PROJECT CONCEPT NOTE**

1	Name of Project	<b>“Grid-connected electricity generation from 23.75MW wind energy by GACL in Gujarat.”</b> in village Moti Sindhodi, District Kuchchh in Gujarat by M/s. GACL
2.	Location of the Project (Village / District / State)	village Moti Sindhodi, District Kuchchh in Gujarat
3.	Brief Description of the Project	The proposed project activity is an initiative by GACL towards clean electricity generation utilizing renewable energy source i.e. wind. As a part of the long term strategy to reduce dependency on the state power and replace it by cleaner and environment friendly technologies, GACL has implemented the scheme of installing wind power generators. GACL has its own natural gas based captive power plant in their manufacturing unit and purchase some power from state electricity board also.The project consists of 19 Wind Turbine Generators of 1.25 MW totaling to 23.75 MW capacity at village Moti Sindodhi district Kachchh, Gujarat. . This electricity is wheeled through the state electricity grid to their manufacturing unit at Vadodara for captive consumption replacing wheeled power from captive operation and state grid power. In absence of the project GACL would have purchased this power from state electricity board.
4.	Estimate of GHG abatement in tCO <sub>2</sub> eq.	140089
5.	Host Country Approval Status	Approved
6.	Project Owner / Proponent	Mr. V.K.Gulati Sr. Executive Director (C ) Gujarat Alkalies and Chemicals Limited P.O-Petrochemicals - 391346 Vadodara Gujarat-391346
7.	Baseline Methodology	ACM0002, Version 07, EB 36 “Consolidated baseline methodology for grid-connected electricity generation from renewable sources”
8.	Project Start date	03/10/2007
9.	Project completion date	13/02/2008