

**GAIL (India) Limited,
A Govt. of India Undertaking
Vadodara-Gujarat**

Unit Profile:

GAIL (India) Ltd, India's principal gas transmission and marketing company, was set up by the Government of India in August 1984 to create gas sector infrastructure for sustained development of gas market in the country Today GAIL has expanded into Gas Processing, Petrochemicals, Liquefied Petroleum Gas Transmission and Telecommunications. The company has also extended its presence in Power, Liquefied Natural Gas re-gasification, City Gas Distribution and Exploration & Production through equity and joint ventures participations.

GAIL (India) Limited is having its most valued installation at Vadodara (Gujarat). Baroda O&M office is the Head Quarter of Regional Gas Pipeline network of Gujarat. Under RPNHQ, Vadodara GAIL is operating around 1265 KMs of pipeline which includes HVJ, DVPL and isolated pipeline. The pipeline operating in south Gujarat is 1055 KMs and north Gujarat is 210KMs.GAIL is catering 116 customers through 145 gas supply agreement.

Energy Consumption:

GAIL, Vadodara is operating and maintaining its pipeline in the Gujarat. The offices are manned at Unera, Baruch, Dahej, Kadi, Mehsana, Ramgarh, and Ahmedabad for O&M activities in that particular region. GAIL, vadodara is not adding any energy to the system to transport and distribute the gas to the consumers. The energy load is only of the electricity consumed for lighting and air-conditioning of the offices.

DESCRIPTION	UNIT	2004-05	2005-06	2006-07
Electrical Energy	Lakhs (Rs)	20.83	24.27	27.56
Thermal Energy	Lakhs (Rs)	19.15	18.36	8.74
Total Energy	Lakhs (Rs)	38.98	42.63	36.31
Sales Turnover	Lakhs (Rs)	120000	256700	287800
Energy as %age of total sales turnover	%	0.0325	0.0166	0.0126

Energy Conservation Commitment, Policy and Set up:

GAIL, Vadodara is putting its best effort for energy conservation. Gail, Vadodara is consuming only electricity in terms of lighting and air conditioning. At all offices of GAIL, Vadodara, measures have been taken up for energy conservation by replacing incandescent and tube light to CFL. Also in terms of air conditioning, efforts are put up for energy housekeeping.

GAIL, Vadodara has nominated the energy manager in the office who has qualified the Energy Auditor examination conducted by Bureau of Energy Efficiency in April-2007.

Energy Conservation Achievement:

In year 2006-07, we have conserved the energy by utilizing grid power in place of CCVT at Ankot and Samni terminal which lead to saving of 6.32 Lakhs per year.

The same thing has been planned to shift to grid power in place of CCVT power in year 2007-08 for sherpura and Jambudi RR station under the Undera maintenance base which will lead to a saving of 10 Lakhs per year.