



Petroleum Planning & Analysis Cell

Gas Pipeline Networks in India

1. Existing Pipeline Network

There are presently three major pipeline entities in gas transportation across the country namely GAIL, Reliance and GSPL. GAIL is operating HVJ and DVPL trunk Pipeline to evacuate gas like domestic gas , JV gas from ONGC and R-LNG from PLL, consisting about 11092 km (about 67.34%) including Dabhol-Bengaluru Pipeline. RGTIL & RGPL of Reliance is operating 1784 km (about 10.83%) East West Pipeline (EWPL) to evacuate gas from KG-D6 in Andhra Pradesh and Shahdol-Phulpur Pipeline (RGPL) in MP. This pipeline passes through Andhra Pradesh, Maharashtra and Gujarat and integrated with GAIL's and GSPL's network to reach Northern and Western Indian market. GSPL is mainly focused in the state of Gujarat consisting about 2613 km (about 15.87%). In addition GAIL also operates regional gas pipeline networks across India in Maharastra, K.G.Basin, Cauvery Basin and South Gujarat.

The spread of pipeline network of different transporter is given as under:

Sr. no.	Transporter	(Length in KM)	(% share)
1	GAIL	11092	67.34%
2	RGTIL / RGPL	1784	10.83%
3	GSPL	2613	15.87%
4	AGCL/OIL/DNPL	817	4.96%
5	IOCL	140	0.85%
6	ONGC	24	0.15%
	Total	16470	100%

The natural gas is primarily sourced from KG-D6, Mumbai offshore, Cambay Basin, Ravva Offshore, KG Basin, Cauvery basin and Imported LNG.