



## Petroleum Planning & Analysis Cell

### Natural Gas Pipeline Networks in India (as on 01.04.2019)

#### Existing Pipeline Network

There are presently three major pipeline entities engaged in natural gas transportation across India namely GAIL, RTIL/RGPL and GSPL. GAIL is operating about 11411 km of trunk pipelines in India comprising 70% of the pan-India pipeline network. This includes HVJ, DVPL, DUPL/DPPL, Dadri-Bawana-Nangal and Dabhol-Bengaluru trunk pipelines to evacuate domestic gas as well as imported RLNG. In addition, GAIL also operates regional gas pipeline networks in Maharashtra, K.G.Basin, Cauvery Basin and Gujarat. RTIL and RGPL are operating 1784 km of pipelines (about 11% of pan India network), namely the East-West Pipeline (EWPL) to evacuate gas from KG-D6 field in Andhra Pradesh and the Shadol-Phulpur Pipeline respectively. GSPL is mainly focused in the state of Gujarat consisting of about 2692 km gas pipelines (about 16% of total).

The spread of pipeline network of different transporters is as under:

S. no.	Transporter	Length in KM	Percentage share
1	GAIL	11411	69.9%
2	RTIL / RGPL	1784	10.9%
3	GSPL	2692	16.5%
4	AGCL/DNPL	297	1.8%
5	IOCL	140	0.9%
	<b>Total</b>	<b>16324</b>	<b>100.0%</b>

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