



Petroleum Planning & Analysis Cell

Natural Gas Pipeline Networks in India (as on 01.04.2018)

Existing Pipeline Network

There are presently three major pipeline entities engaged in natural gas transportation across India namely GAIL, RGTIL/RGPL and GSPL. GAIL is operating about 11410 km of trunk pipelines in India comprising 68% 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. RGTIL 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 2618 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 | 11410 | 68.04% |
| 2 | RGTIL / RGPL | 1784 | 10.64% |
| 3 | GSPL | 2618 | 15.61% |
| 4 | AGCL/DNPL | 817 | 4.87% |
| 5 | IOCL | 140 | 0.84% |
| | Total | 16770 | 100.00% |

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