

50th

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Pipelines are the lifelines

A sustained focus on value maximisation, asset growth and capacity enhancement.

directors' review (pipelines)

During the year, IndianOil's underground highways continued to reinforce its competitive edge by ensuring transportation of crude oil & petroleum products in a safe, energy-efficient, and cost-effective manner. With a sustained focus on value maximisation, asset growth and capacity enhancement, the countrywide network of pipelines crossed the 10,000 km mark in length and 70 million metric tonnes per annum (MMTPA) in installed capacity during the year 2008-09.

Maximising capacity utilisation, the Pipelines Division registered the highest ever throughput of 59.63 million tonnes, which is 4.6% higher than that of the previous year.

Asset creation can add value only with sustained high quality maintenance. The Vadinar installation has successfully completed 30 years of operation and has handled 4,000 crude oil tankers safely. The highlights of the year include timely completion of major maintenance of the Single Point Mooring system commissioned in 1978.

Adoption of new technologies in pipeline inspection and integrity management helped maintain peak performance of pipelines during the year. Online inspection by intelligent pigging of 803 km long Viramgam-Mathura section of the Salaya-Mathura Pipeline system was completed during the year. Extensive repair and refurbishment of this inspected

pipeline section were also carried out based on this outcome.

Our initiatives for asset protection by re-organising & re-inventing patrolling of pipelines and maintaining sustained coordination with the law & order authorities resulted in substantial reduction in pilferage attempts on our pipeline network.

As a part of our continuous endeavour to serve the consumers better by optimising logistics, we have constructed a 36 km long ATF pipeline to connect IndianOil's Devanagonthi terminal with the new Bengaluru International Airport, and a 95 km long pipeline between the CPCL's Manali refinery and the Meenambakkam AFS.

In an attempt to diversify and tap the growth potential of gas pipelines, IndianOil has commissioned its first 274 km long cross-country LPG pipeline from Panipat to Jalandhar. The pipeline can transport 700,000 tonnes of LPG annually from Kohand to IndianOil's bottling plants at Nabha and Jalandhar. In addition, this pipeline provides improved logistics to meet the LPG requirements of the bottling plants at Una & Baddi in Himachal Pradesh and Jammu & Leh in Jammu & Kashmir.

Signalling our foray into building natural gas pipelines, we have commenced work on the 133 km long first natural gas pipeline of IndianOil, to supply regassified LNG for captive use from Dadri terminal of GAIL (India) Ltd. to our Panipat Refinery.



P. K. Chakraborti
Director (Pipelines)

During the year, IndianOil commissioned the 330 km long Paradip-Haldia Crude Oil Pipeline (PHCPL) system. Its Single Point Mooring facilities installed 20 km off Paradip coast provide substantial logistical support and cost benefit by offloading crude oil from very large crude carriers. A 265 km long product pipeline connecting our Gujarat Refinery to the marketing terminal at Ratlam was also completed.

Other major projects currently under implementation include the 290 km long Chennai-Bangalore Product Pipeline, augmentation of the Mundra-Panipat Pipeline from 6 to 9 MMTPA, a 94 km long branch line on the Koyali-Dahej Pipeline to Hazira, and a 118 km long pipeline from Bijwasan to Panipat to transport Naphtha from Mathura Refinery to Panipat. We have also embarked upon the construction of five additional tanks of 85,000 kl capacity each at Vadinar in addition to setting up blending facilities there. Facilities are also being created to introduce Rajasthan crude oil in our crude oil pipeline system at Radhanpur and Viramgam.

In the years to come, distribution infrastructure is poised for tremendous growth in India, providing enormous opportunities for the Pipelines Division. IndianOil will continue to benefit from the competitive advantage offered by its countrywide pipelines network as the safest, most eco-friendly and economical means of transportation of crude oil, petroleum products and natural gas.



The Paradip-Haldia crude oil pipeline.