

PROJECT REPORT

Hindustan Petroleum Corporation Limited, a Government of India, enterprises is currently having 2 refineries at Mumbai and Visakhapatnam of its own. Besides this HMEL refinery in Bhatinda, Punjab has been set up through a joint venture with M/s Mittal Energy Limited. M/s HPCL also holds a sizeable stake in MRPL refinery, Mangalore. HPCL is a common house hold name due to its presence in markets for retail outlets, lubes brand, natural gas, aviation fuel, LPG.

HPCL is a proud owner of following 8 successfully running network of pipelines all across India spanning approximately 2500 Kms, starting from Mumbai-Pune- Solapur Pipeline, Visakhapatnam -Vijayawada Pipeline, Mundra - Delhi Pipeline, Ramanmandi - Bahadurgarh Pipeline, Ramanmandi - Bathinda Pipeline, Awa - Salwas Pipeline, Bahadurgarh - Tikrikalan Pipeline and newly commissioned Rewari - Kanpur Pipeline. Using cross country pipelines for petroleum product transportation helps to reduce fuel expenses and minimizes road traffic most that could otherwise have adversely affect the day to day life of common man.

HPCL has embarked yet another journey to lay a cross country finished petroleum product pipeline from its existing marketing terminal cum pumping station in Palanpur (Dist. Banaskantha), Gujarat to its proposed marketing terminal near Vadodara (Gujarat) in village Asoj and Pilol.

Main reason for proposing this pipeline is that the present installations in western central India are proving to be insufficient to meet the ever-growing demand of people and industries of the region of Gujarat (Hazira, Vadodara, Surat), Madhya Pradesh (Indore, Jabalpur, Bhopal) and some parts of Maharashtra (Nagpur, Akota). Although currently these catchments are being fed from the installations of either HPCL/BPCL or IOCL, it has been estimated that present infrastructure with the OMCs (Oil Marketing Companies) will not be sufficient to provide an uninterrupted supply of petroleum product in the near future.

With the proposed marketing terminal near Vadodara, HPCL is envisaged with a dedicated railway siding for the transportation of the petroleum products thru railway wagons to parts of Madhya Pradesh. Gujarat and Maharashtra extendable upto other parts in case of any emergency or natural calamity, thus ensuring effective distribution of the petroleum product in these parts of India thru rail movements thus minimizing the cost and hazard through road transportation.

Also to add that HPCL is proposing a refinery in Rajasthan for meeting the demand of the northern and central part of India and the same will be linked to the existing Mundra-Delhi Pipeline of HPCL. PVPL being a branch line of MDPL pipeline the same will be useful for the evacuation of the said refinery and thus will ultimately lead to fulfilling the ever growing energy demand of the country.



2. Transportation of petroleum product is environment friendly, safe and most reliable.
3. It substantially reduces the risk of accidents associated with the conventional road transportation of highly inflammable petroleum products thru public places. Provides reliable transportation even in extreme cases like floods, war riots, earthquake etc. there by maintaining the distribution of essential products to domestic market and meets critical energy needs of the industry.
4. It is not out of place to mention that the specific energy consumption in pipeline transportation is 1/10 of Road transportation and thus greatly conserves the overall energy consumption.

National Importance of the Project

- a. As per the Govt. of India Extra Ordinary Gazette Dated. 28 March 2011 with File NO.: 13/6/2009-INE, cabinet committee on infrastructure has included oil Pipelines and Oil Storage facilities in the harmonized list of infrastructure subsectors under energy category. Thus augmentation of this critical infrastructure is in national interest.
- b. Also to add the subject PVPL Projects authorized by PNGRB will work on common carrier principle given vital connectivity to transport petroleum products by any oil industry member from surplus western /southern region to surrounding markets. The infrastructure is similar of common road/railway infrastructure to be used by all users with open access system under PNGRB regulation.
- c. Government of Gujarat has also formed a task force committee under the convenorship of Industries Commissioner for expediting the project and providing assistance / help required in various issues related to Government of Gujarat and Forest & Environment Department is also a member of the committee.

Thus the Palanpur-Vadodara Pipeline Project, is a Projects of national importance. The same will be useful to cater the growing petroleum demands thru road/rail wagons, thus reducing the extra burden on Indian economy due to minimum road transport, minimizing the hazards related to POL transportation via road.

For, Hindustan Petroleum Corporation Ltd.

Place: Vadodara

Date: 28/05/2016


Manoj Kumar Moharana
Chief Manager - Projects

मनोज कुमार महारणा
MANOJ KUMAR MOHARANA
मुख्य प्रबंधक - परियोजना
Chief Manager - Projects
हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड
Hindustan Petroleum Corporation Limited
पालनपुर-वडोदरा पाइपलाइन परियोजना
Palanpur-Vadodara Pipeline Project