

Information of proposal: -

GAIL (India) Limited is the largest state-owned Natural Gas transportation and distribution company in India. It has following business segments: Natural Gas, Liquid Hydrocarbon, and Liquefied Petroleum gas transmission, Petrochemicals, City Gas distribution, Exploration, Production and Electricity generation. GAIL (India) Limited has been conferred with the Maharatna status by the Government of India.

GAIL has 6 LPG recovery plants across various states in India. LPG recovery plant at Usar was commissioned in 1998 with design capacity to process 5.0 MMSCMD of rich gas. Presently, LPG Usar plant is under shutdown and is in preservation mode due to non availability of rich gas.

GAIL (India) Limited has planned to establish 12" Dia. Uran - Usar Propane Pipeline along with OFC in Raigad district. As a part of the project, clean natural gas will be made available to various domestic, commercial and industrial customers across the districts, to achieve this, pipeline from BPCL Uran to GAIL SV Usar.


About the Project stretch:-

The proposed Uran - Usar Pipeline project shall benefit from the land in possession of GAIL as well as coastal location of the existing facility for both Propane Import, storage and product evacuation, nearby port facility, proximity to highways and ease for getting environmental clearance.

The proposed pipeline route tap off at BPCL Uran in Uran tehsil of Raigad district with starting point co-ordinates (Latitude: 18°52'34.975"N, Longitude: 72°58'22.807"E) and terminates at GAIL Usar in Alibag tehsil of Raigad district with end point co-ordinates (Latitude: 18°36'20.119"N, Longitude: 72°58'32.349"E) for the total length 45.453 Km in Maharashtra state

The proposed pipeline route for which the Diversion of forest land to be diverted in Raigad District is **3.9443 ha**.

1.a Cost of Outlay:- Cost of project – Rs 20365 Lakhs


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1.b Justification for locating the project in forest area giving alternative those were examined and reasons for the rejection:-

This is to certify Proposal for Diversion of forest land for **3.9443 ha.** Revenue Forest/Reserved Forest land for the project namely "Transportation of Propane through Pipeline will be most suitable route from Financial, Environmental and Economical point of view for successful commissioning of the said pipeline in District Raigad, Maharashtra. This will lead to availability of cleaner fuel to the citizens of the region.

Environmental	The project is the transportation of Propane through the 12" Dia, pipeline along with OFC. Pipelines are safe and Environment friendly and involve low energy consumption and hence reduce load on the surface transport viz. Railways and Road. Pipeline ensure safe transportation of Propane to nearby communities, Industries and areas through which it passes.
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It is the best suitable proposed route from technical point of view and requiring minimum forest area.

- Avoidance of Wildlife Sanctuaries, Mining area and Defence establishment to the best possible in Raigad District.
- Safety of people and Environment.
- Easy access to route during construction and operation.
- Optimum distance between source of supply and consumer location (demand points)

Hence, alternatives examined for this project is enclosed in the Diversion of forest land Proposal under forest (Conservator) Act 1980.

1.c Financial and Social Benefits:

Social	The project would enhance employment opportunities through contractors for the local people during the construction phase. Consequent development activities due to availability of Propane in the region shall generate employment opportunities for the population may improve their standard of life. Propane is not toxic or damaging to the environment, is considered a "green fuel" and is eco-friendly before and after combustion.
Financial	Transportation of Propane by pipeline is comparatively expensive than other modes of transport both in capital and operating costs. But the advantage Propane has over other fuel is that it delivers more BTUs (per gallon or per cubic foot), burns less volume per hour. Hence, it is an energy-efficient to other gases for application.

For, GAIL (India) Limited



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