

Proceedings of the public hearing conducted on 02.5.2018 in connection with the application filed by M/s Hindustan Petroleum Corporation Ltd, for obtaining Environmental Clearance as required under the EIA notification dated 14.9.2006 for proposed 100 KLPD 2G ethanol Bio-Refinery located at village Nasibpura, Bathinda (Punjab).

The following were present to supervise the proceedings:

1. Sh. Harjinder Singh,
District Development & Panchayat Officer,
Bathinda
2. Sh. Paramjit Singh,
Environmental Engineer,
Punjab Pollution Control Board,
Regional Office, Bathinda.
3. Er. Ruby Sidhu,
Asstt. Environmental Engineer,
Punjab Pollution Control Board,
Regional Office, Bathinda
4. Sh. Jaswant Singh,
Block Development & Panchayat Officer,
Talwandi Sabo, Distt. Bathinda

Assistant Environmental Engineer, Punjab Pollution Control Board, Regional Office, Bathinda welcomed the officers supervising and presiding over the hearing and people from adjoining towns/villages, who came to attend the public hearing of the project in connection with the application filed by M/s Hindustan Petroleum Corporation Ltd, at village Nasibpura, Bathinda (Punjab) in the office of the Ministry of Environment, Forest & Climate Change, Govt. of India, New Delhi for getting Environmental Clearance under EIA notification no. 1533 (E) dated 14.9.2006 for installing 100 KLPD 2G ethanol plant located at village Nasibpura, Bathinda (Punjab). She apprised the public present there about the requirement of conducting the public hearing before deciding on the application filed by the industry for getting the said clearance for carrying out proposed unit. She also brought into the notice of public that the industry has submitted copies of draft rapid EIA report alongwith the Executive Summary of the same and a copy of each such document was placed in the office of Deputy Commissioner, Bathinda; The Commissioner, Municipal Corporation, Bathinda; The Chairman, Zila Parishad, Bathinda; The General Manager, District Industrial Centre, Bathinda; Regional Office of MoEF at Chandigarh and Environment Engineer, Punjab Pollution Control Board, Regional Office, Bathinda for access to the public and other stakeholders. She further brought out that a notice of public hearing was published in two prominent newspapers namely, 'The Hindustan Times' (English Daily) and 'Punjabi Tribune' (Punjabi Daily) on 29.3.2018 to make the public aware of the date, time &

venue of the public hearing and about the places/offices where the public could access the draft EIA report and its Executive Summary report before the said hearing. Thereafter, She requested the representative / Environmental Consultant of the industry to elaborate about the main features of the project and the draft EIA study report.

The representative from the company Sh. Parvinder Singh, brought out the details of the proposed plan of the project before the public as under:

M/s Hindustan Petroleum Corporation Ltd (HPCL) proposes Installation of 2G Ethanol Bio-refinery plant at Bathinda, Punjab. The company has acquired 15.1 hectare (37.28 Acres) of land from Government of Punjab on a long term lease (33 Years) in the Village Nasibpura, District Bathinda.

He apprised the public that the proposed Bathinda Bio-refinery will be Asia's first commercial scale plant having total project cost of Rs. 600 crore, which shall be utilizing agriculture residues (Rice Straw and Cotton Stalk) @ 400 TPD (which is presently being burnt causing air pollution) for production of fuel grade 2 G ethanol @ 100 TPD, which may be sufficient to meet the ethanol blending requirement of the State. He further informed that India has already mandated 10% ethanol blending into petrol and at present India generates more than 300 million tons/year of agricultural residue that can be converted into alcohol through new technologies.

HPCL has decided to deploy the DBT-ICT 2G Ethanol technology for its Bathinda plant due to the suitability of the technology to Handle Rice straw as well as cotton stalk, also available in the state. The Bio-refinery shall be a first of its kind with efficient process and an overall zero liquid discharge facility. Total water requirements for the industry would be around 1800 KL which will be sourced from Canal and there will no discharge of the effluent from the plant as the project will adopt Zero Liquid Discharge mechanism. The representative of company informed the public regarding the benefits of installation of the proposed bio-refinery as under :

- Converts Waste into Value
- Alternative Clean Fuel to replace petro-fuel
- To reduce dependence on imports
- Shall provide extra income to farmers.
- Create new biomass based economy
- Employment of local residents for Biomass collection, storage and transportation.
- The proposed Bio-refinery will generate direct and indirect employment.
- The project shall also help in reducing CO2 emissions from the paddy straw, which currently is being burnt after harvesting.
- The project proponent committed to spent 2.5% of the project cost for the development of nearby areas and welfare of people in consultation with District Administration.

Thereafter, Assistant Environmental Engineer brought into the notice of public present at the venue of hearing that as per the provisions of EIA

notification dated 14.9.2006, as amended from time to time, the persons present at the venue may seek any information or clarifications on the project from the project promoter. It was also brought into the notice of the persons present there that the information or clarifications sought by them and reply given by the project proponent will be recorded in the proceedings of the hearing, which will be sent to the Ministry of Environment, Forests & Climate Change for further consideration. Accordingly, she requested the persons present in the hearing to seek information or clarifications on the project one by one.

Thereupon, the detail of the information/ clarifications sought by the persons present at the venue of hearing and the reply given by the project proponent is as under:

Sr. No	Name of the person	Detail of query / statement / information / clarification sought by the person present at the venue of hearing.	Reply of the query / statement / information / clarification given by the project proponent
1.	Sh. Gurraj Singh s/o Mitha Singh, Village Kailewander, Distt. Bathinda	What arrangements have been proposed to offer employment to the unemployed youth of the area?	With the proposed expansion of the project, additional employment avenues will be generated, which will be offered to local residents as per the policy of the company.
2.	Sh. Gurtej Singh, Sarpanch, Village, Naseebpura, Dist. Bathinda	He made request for construction of road leading to village Mahinangal	The representative of the industry informed that the matter will be taken up with the District Administration.

Assistant Environmental Engineer further requested the persons present at the venue of hearing that if anyone else wants to seek any information/ clarification on the proposed project, but no one came forward. This public hearing was attended by 47 persons.

No information / clarifications / comments / views / suggestions / objections on the project have been received from the public in writing to the Board, so far.

The hearing ended with vote of thanks to the Supervisor-Cum-Presiding Officer and the public present in the hearing.

(Paramjeet Singh)
Env. Engineer
PPCB,RO, Bathinda

(Harjinder Singh)
DDPO, Bathinda

(Diprava Lakra) IAS,
Deputy Commissioner
Bathinda