

**Half Yearly Compliance Report****2026****01 Jun(01 Oct - 31 Mar)****Acknowledgement**

<b>Proposal Name</b>	Expansion of 100 KL/D Second Generation (2G) Bio-Ethanol Plant by additional 100 KL/D Grain based First Generation (1G) Ethanol plant at Baulsingha Village, District Bargarh, Odisha by M/s Bharat Petroleum Corporation Ltd.		
<b>Name of Entity / Corporate Office</b>	M/s. Bharat Petroleum Corporation Limited (BPCL)		
<b>Village(s)</b>	N/A		
<b>District</b>	BARGARH		
<b>Proposal No.</b>	IA/OR/IND2/221065/2021	<b>Category</b>	Industrial Projects - 2
<b>Plot / Survey / Khasra No.</b>	N/A	<b>Sub-District</b>	N/A
<b>State</b>	ODISHA	<b>Entity's PAN</b>	*****2902M
<b>MoEF File No.</b>	IA-J-11011/351/2017-IA-II(I)	<b>Entity name as per PAN</b>	BHARAT PETROLEUM CORPORATLTD

**Compliance Reporting Details**

<b>Reporting Year</b>	2026
<b>Remarks (if any)</b>	
<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)

**Details of Production and Project Area**

<b>Name of Entity / Corporate Office</b>	M/s. Bharat Petroleum Corporation Limited (BPCL)	
	<b>Project Area as per EC Granted</b>	<b>Actual Project Area in Possession</b>
Private	0	0
Revenue Land	23.65	28.32
Forest	0	0
Others	N/A	N/A
<b>Total</b>	<b>23.65</b>	<b>28.32</b>

**Others Area**

Sr. no	Other Name	Area Granted	Area Actual
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**Production Capacity**

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Fuel Grade Ethanol	Kilo liters per Day (KLD)	31/03/2027	100	87.6	100

## Conditions

### Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Human Health Environment	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products as per CPCB norms and no parking to be allowed outside on public places.
<b>PPs Submission:</b> Agreed to Comply Noted. The condition shall be complied.		<b>Date:</b> 18/05/2026
2	AIR QUALITY MONITORING AND PRESERVATION	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
<b>PPs Submission:</b> Complied Complied.		<b>Date:</b> 18/05/2026
3	Statutory compliance	As per OM dated 16th June, 2021, project falls in category B2 and the proposed capacity of 100 KLPD shall be only be used for fuel ethanol manufacturing as per self-certification in form of an affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.
<b>PPs Submission:</b> Being Complied Noted. Ethanol being used exclusively for fuel blending and the stipulated condition is being complied with.		<b>Date:</b> 18/05/2026
4	Statutory compliance	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
<b>PPs Submission:</b> Being Complied Noted. The condition being complied.		<b>Date:</b> 18/05/2026
5	WATER QUALITY MONITORING AND PRESERVATION	The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises.
<b>PPs Submission:</b> Complied Noted. Plant is designed for Zero Liquid discharge. Same is being followed, Complied.		<b>Date:</b> 18/05/2026
6	WATER QUALITY MONITORING AND	Total fresh water requirement shall not exceed 395 KLPD will be met from Bargarh canal. Prior permission shall be obtained from the

	PRESERVATION	concerned regulatory authority/CGWA in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises.
<b>PPs Submission:</b> Being Complied Noted. The conditions are being adhered to.		Date: 18/05/2026
7	WASTE MANAGEMENT	The spent wash shall be concentrated and dried to form DDGS to be used as cattle feed.
<b>PPs Submission:</b> Being Complied Noted. Spent wash concentration and drying to form DDGS is being done as per the plant design. The conditions are being adhered to.		Date: 18/05/2026
8	AIR QUALITY MONITORING AND PRESERVATION	CO2 generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.
<b>PPs Submission:</b> Being Complied Noted. CO2 Liquefaction Plant for liquefaction of CO2 generated during process has been installed and operationalized.		Date: 18/05/2026
9	Human Health Environment	Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
<b>PPs Submission:</b> Being Complied Noted. The conditions shall be complied		Date: 18/05/2026
10	Human Health Environment	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.
<b>PPs Submission:</b> Being Complied Noted. Training is being conducted for employees on Safety and health aspects of Chemical Handling.		Date: 18/05/2026
11	Human Health Environment	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.
<b>PPs Submission:</b> Being Complied Noted: Adequate arrangement for protection of fire hazards is being implemented in plant design as per norms, The conditions shall be complied.		Date: 18/05/2026
12	WASTE MANAGEMENT	Process organic residue and spent carbon, if any, shall be sent to Cement other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.
<b>PPs Submission:</b> Being Complied Noted. The condition shall be complied.		Date: 18/05/2026
13	WASTE MANAGEMENT	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of

		automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
<b>PPs Submission:</b> Being Complied Noted. Waste minimization measures have been implemented in the plant design and are being followed. Complied		Date: 18/05/2026
14	GREENBELT	The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.
<b>PPs Submission:</b> Being Complied Green belt development is under progress as per MoEFCC / CPCB guidelines. Plantation is being carried out mainly along the plant periphery, in the downwind direction, and along road sides. Plant species have been selected in consultation with the State Forest Dept. A total of 10,000 sapling have been Panted.		Date: 18/05/2026
15	Corporate Environmental Responsibility	As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centers/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall to be completed within time as proposed.
<b>PPs Submission:</b> Agreed to Comply Noted. Corporate Environment Responsibility (CER) activities being done as per company guidelines. The condition shall be complied		Date: 18/05/2026
16	AIR QUALITY MONITORING AND PRESERVATION	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
<b>PPs Submission:</b> Being Complied Noted. Continuous Online Monitoring System (EMS) for stack emissions has been installed and is operational, and data is being transmitted to CPCB/SPCB servers as per norms. This is a Zero Liquid Discharge (ZLD) plant; hence, no effluent is discharged outside the premises. Complied.		Date: 18/05/2026
17	AIR QUALITY MONITORING AND PRESERVATION	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
<b>PPs Submission:</b> Complied Yes, An Environment Management Cell has already equipped with full-fledged laboratory facilities has already set up to carry out the Environmental Management and Monitoring functions.		Date: 18/05/2026

## General Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
<b>PPs Submission:</b> Agreed to Comply Noted. The condition shall be complied.		Date: 18/05/2026
2	Statutory compliance	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
<b>PPs Submission:</b> Complied Complied.		Date: 18/05/2026
3	ENERGY PRESERVATION MEASURES	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
<b>PPs Submission:</b> Being Complied Noted. The conditions shall be complied.		Date: 18/05/2026
4	Corporate Environmental Responsibility	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
<b>PPs Submission:</b> Agreed to Comply Noted. All relevant measures/ESC activities shall be undertaken as per company guidelines.		Date: 18/05/2026
5	MISCELLANEOUS	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
<b>PPs Submission:</b> Agreed to Comply Noted. All relevant measures/ESC activities shall be undertaken as per company guidelines.		Date: 18/05/2026
6	MISCELLANEOUS	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing

		the proposal.
<b>PPs Submission: Complied</b> Noted. A copy of the clearance letter was sent to Panchayat office, Zilla Parishad as required. EC Letter has been published on BPCL Corporate Website. <a href="https://www.bharatpetroleum.com/Sustainability/Environmental-Clearance.aspx">https://www.bharatpetroleum.com/Sustainability/Environmental-Clearance.aspx</a>		Date: 18/05/2026
7	Statutory compliance	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
<b>PPs Submission: Being Complied</b> Noted. EC and six-monthly Compliance Reports has been published on BPCL Corporate Website. Copy of the six-monthly Compliance Report has been sent to SPCB, Regional office and Regional Office of the Ministry.		Date: 18/05/2026
8	Statutory compliance	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
<b>PPs Submission: Being Complied</b> Yes, We have already submitted the Environmental Statement of FY 2024-25		Date: 18/05/2026
9	MISCELLANEOUS	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
<b>PPs Submission: Being Complied</b> Noted. The condition shall be complied.		Date: 18/05/2026
10	Statutory compliance	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.
<b>PPs Submission: Agreed to Comply</b> Noted.		Date: 18/05/2026
11	Statutory compliance	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at <a href="https://parivesh.nic.in/">https://parivesh.nic.in/</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
<b>PPs Submission: Complied</b>		Date:

Subsequent to obtaining Environment Clearance from MoEFCC for project, the same was published in two local newspapers: Times of India, Bhubaneswar (English) and Prameya, Odisha (Odia). A copy of the advertisement was forwarded to the Regional Office of the Ministry.

18/05/2026

### Visit Remarks

**Last Site Visit Report Date:**

N/A

**Additional Remarks:**

**Note:** This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.