

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

Acknowledgement

Proposal Name	100 KL/D Ligno-cellulosic 2G Ethanol Plant at Village Baulsingha, Tehsil Bhatli, District Bargarh (Odisha) by M/s Bharat Petroleum Corporation Ltd.		
Name of Entity / Corporate Office	M/s. Bharat Petroleum Corporation Limited (BPCL)		
Village(s)	N/A		
District	BARGARH		
Proposal No.	IA/OR/IND2/65843/2017	Category	Industrial Projects - 2
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	ODISHA	Entity's PAN	*****2902M
MoEF File No.	IA-J-11011/351/2017-IA-II (I)	Entity name as per PAN	BHARAT PETROLEUM CORPORATLTD

Compliance Reporting Details

Reporting Year 2026
Remarks (if any)
Reporting Period 01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office M/s. Bharat Petroleum Corporation Limited (BPCL)

	Project Area as per EC Granted	Actual Project Area in Possession
Private	0	0
Revenue Land	23.65	28.32
Forest	0	0
Others	N/A	N/A
Total	23.65	28.32

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	76	100

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	Ethanol shall be used exclusively for fuel blending only.
PPs Submission: Being Complied Noted. Ethanol shall be used exclusively for fuel blending and the stipulated condition is being complied		Date: 19/05/2026
2	Statutory compliance	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
PPs Submission: Being Complied Noted. Consent to Establish (CTE) has been obtained from State Pollution Control Board, Odisha vide Letter No. 11750 dtd. 29th September 2018. Consent to Operate has been Obtained from State Pollution Control Board, Odisha Vide Letter No.6101223 dtd. 08th January 2025.		Date: 19/05/2026
3	WATER QUALITY MONITORING AND PRESERVATION	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
PPs Submission: Being Complied Noted. Plant is designed for Zero Liquid discharge. Same is being followed, Complied.		Date: 19/05/2026
4	WASTE MANAGEMENT	Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.
PPs Submission: Agreed to Comply Noted. Plant is designed for Zero Liquid discharge. Same is being followed, Complied.		Date: 19/05/2026
5	AIR QUALITY MONITORING AND PRESERVATION	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
PPs Submission: Being Complied Noted. An ESP (Electrostatic Precipitator) has been installed to control fugitive emissions, and the same has been complied.		Date: 19/05/2026
6	WATER QUALITY MONITORING AND PRESERVATION	Total fresh water requirement shall not exceed 3192 cum/day, proposed to be met from Bargarh Canal.
PPs Submission: Being Complied Fresh waste consumption is maintained within 3192 cum/day and sourced from Bargarh Canal.		Date: 19/05/2026

Being complied.		
7	WATER QUALITY MONITORING AND PRESERVATION	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through a separate conveyance system.
PPs Submission: Agreed to Comply These conditions have been taken into consideration at the design stage and shall be complied.		Date: 19/05/2026
8	Statutory compliance	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
PPs Submission: Being Complied The MSIHC Rules, 1989 and MVA, 1989 is being complied		Date: 19/05/2026
9	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"
PPs Submission: Being Complied Waste minimization measures are being complied		Date: 19/05/2026
10	GREENBELT	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
PPs Submission: 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. being complied		Date: 19/05/2026
11	Statutory compliance	All the commitments made regarding issues raised during the public hearing/ consultation meeting shall be satisfactorily implemented.
PPs Submission: Being Complied Noted. All the commitments made during public hearing shall be satisfactorily implemented.		Date: 19/05/2026
12	Corporate Environmental Responsibility	At least 1% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and the details along with time bound action plan shall be submitted to the Ministry's Regional Office.
PPs Submission: Complied Noted. 1 Percent of the total project cost has been allocated for Corporate Environment Responsibility (CER). Plant is under construction. Following CER activity completed: 1 Construction of Crematorium Platform and Other Facilities at Pipalmunda Village, Bargarh District		Date: 19/05/2026

has been completed along with construction of other facilities such as digging of tube well and installation of solar light.		
13	AIR QUALITY MONITORING AND PRESERVATION	For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
PPs Submission: Complied Complied.		Date: 19/05/2026
14	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.
PPs Submission: Complied Complied.		Date: 19/05/2026
15	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
PPs Submission: Partially Complied The conditions shall be complied.		Date: 19/05/2026
16	Human Health Environment	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.
PPs Submission: Complied Parking stands have been constructed		Date: 19/05/2026
17	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.
PPs Submission: Complied All raw materials are strictly stored either inside dedicated silos or within fully covered sheds on-site. This complete enclosure ensures effective control of dust pollution and prevents any fugitive emissions.		Date: 19/05/2026
18	Statutory compliance	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.
PPs Submission: Being Complied Noted. Continuous online monitoring systems (CEMS) for stack emissions have been installed. The plant is based on Zero Liquid Discharge (ZLD), hence no effluent shall be discharged from the premises. All stipulated conditions are being complied with		Date: 19/05/2026
19	AIR QUALITY MONITORING AND PRESERVATION	CO2 generated from the process shall be bottled/made solid ice and sold to authorized vendors.

PPs Submission: Being Complied
The conditions shall be complied. Co2 Liquefaction Plant for Liquefaction of Co2 generated during Process is being installed.

Date:
19/05/2026

General Conditions

Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The project authorities must strictly adhere to the stipulations made by the State pollution Control Board, Central Pollution Control Board, State Government and any other statutory authority.
<p>PPs Submission: Being Complied Noted and being complied.</p>		Date: 19/05/2026
2	Statutory compliance	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. 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 to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
<p>PPs Submission: Agreed to Comply Noted, the conditions shall be complied.</p>		Date: 19/05/2026
3	AIR QUALITY MONITORING AND PRESERVATION	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
<p>PPs Submission: Being Complied All ambient air quality monitoring stations have been installed in consultation with the SPCB and strictly as per their directions, is being Complied</p>		Date: 19/05/2026
4	AIR QUALITY MONITORING AND PRESERVATION	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.
<p>PPs Submission: Being Complied Ambient air quality is regularly monitored and maintained well within the prescribed G.S.R. 826(E)</p>		Date: 19/05/2026
5	Noise Monitoring & Prevention	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 Environment (Protection) Act, 1986 Rules, '1989 viz. 75 dBA (day time) and 70 dBA (night time).
<p>PPs Submission: Agreed to Comply Noted. The conditions shall be complied</p>		Date: 19/05/2026
6	WATER QUALITY MONITORING AND PRESERVATION	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to

		conserve fresh water.
PPs Submission: Agreed to Comply Noted: Rainwater harvesting systems have been considered in plant design and shall be implemented.		Date: 19/05/2026
7	Human Health Environment	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
PPs Submission: Being Complied Noted. Training is being conducted for employees on Safety and health aspects of Chemical Handling Pre-employment and routine periodic medical examination for all employees are being conducted on a regular basis.		Date: 19/05/2026
8	MISCELLANEOUS	The company shall also 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.
PPs Submission: Agreed to Comply Noted. The condition shall be complied.		Date: 19/05/2026
9	Corporate Environmental Responsibility	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. ESC activities shall be undertaken by involving local villages and administration.
PPs Submission: Agreed to Comply Noted. All relevant measures/ESC activities shall be undertaken as per company guidelines.		Date: 19/05/2026
10	MISCELLANEOUS	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
PPs Submission: Being Complied Noted. Eco-developmental and community welfare measures shall be undertaken as per company guidelines.		Date: 19/05/2026
11	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.
PPs Submission: Agreed to Comply Noted. Sufficient funds has been earmarked to implement Environment Management Plan. The conditions shall be complied.		Date: 19/05/2026
12	MISCELLANEOUS	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZillaParishad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.

PPs Submission: Complied EC has been published on BPCL Corporate Website. https://www.bharatpetroleum.com/Sustainability/Environmental-Clearance.aspx		Date: 19/05/2026
13	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 e-mail) 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.
PPs Submission: Being Complied Noted. EC and six-monthly Compliance Reports has been published on BPCL Corporate Website. Copy of the six monthly Compliance Reports has been sent to SPCB, Regional office and Regional Office of the Ministry. The condition shall be complied		Date: 19/05/2026
14	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.
PPs Submission: Being Complied Noted: The company regularly submits the Environmental Statement Form-V for every financial year to the State Pollution Control Board.		Date: 19/05/2026
15	MISCELLANEOUS	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 at http://moef.nic.in . 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.
PPs Submission: Complied Subsequent to obtaining Environment Clearance from MOEFCC for project, the same was published in two newspapers (Times of India in English and Prameya in Odia) on 23rd August 2018. Copy of the advertisement was forwarded to Regional Office of the Ministry.		Date: 19/05/2026
16	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.
PPs Submission: Agreed to Comply Noted. The condition shall be strictly complied with by the plant.		Date: 19/05/2026
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.