

**Half Yearly Compliance Report
2024
01 Jun(01 Oct - 31 Mar)**

Acknowledgment

Proposal Name	Enhancing the regassification capacity from 2.5 MMTPA to 5 MMTPA at Puthuvypeen Island, Kochi, Kerala		
Name of Entity / Corporate Office	Petronet LNG Limited		
Village(s)	N/A		
District	ERNAKULAM		
Proposal No.	IA/KL/MIS/24820/1910	Category	INFRA-2
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	KERALA	Entity's PAN	NA
MoEF File No.	J-16011/26/2001-IA.III	Entity name as per PAN	NA

Compliance Reporting Details

Reporting Year 2024
Remarks (if any)
Reporting Period 01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office Petronet LNG Limited

	Project Area as per EC Granted	Annual Project Area in Possession
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	33.4	33.4
Total	33.4	33.4

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	LNG	Tons per Annum (TPA)	31/03/2028	5 MMTPA	1.041	5 MMTPA

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
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1	Statutory compliance	“Consent for Establishment” shall be obtained from State Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.
PPs Submission: Complied “Consent to Establish” vide No. PCB/HO/EKM/ICER/03/2013 obtained from KSPCB and a copy of the same has already submitted to MoEF&CC along with the six-monthly compliance report for the period April to September 2013.		Date: 24/05/2024
2	Statutory compliance	NOC/Clearance shall be obtained confirming that all the firefighting provisions are as per standards specified by the Chief Controller of Explosives/Petroleum &, Explosives Safety Organization (PESO) for the additional storage tanks.
PPs Submission: Complied No additional LNG storage tank was envisaged for this enhancement. PESO approval for the existing storage tank has been obtained and submitted to MoEF&CC with the HYCR for the period October 2022 to March 2023. All the fire fighting provisions are provided inline with the applicable standards.		Date: 24/05/2024
3	Risk Mitigation and Disaster Management	Leak detection/warning system shall be provided at strategic locations. Necessary control measures capable of remote operation to shut down the leakage, if any, should be provided.
PPs Submission: Complied Flame, gas and spill detection system (FGS) & Emergency shutdown system (ESD) are installed in the terminal to mitigate any such incidents. ESD activation logic is linked with FGS system activation, and it can be activated remotely from terminal control room.		Date: 24/05/2024
4	MISCELLANEOUS	Appropriate safety devices such as masks should be provided for use by the workers handling the products at the site and their usage by them should be ensured.
PPs Submission: Complied Safety Helmets, Safety Shoes, Goggles, SCBAs, Cryogenic suits, Cryogenic hand gloves, masks are provided to all PLL employees & workers. Dust masks are provided to employees & workers involved in dust generating work.		Date: 24/05/2024
5	MISCELLANEOUS	Project proponent should implement all the recommendations stipulated in the EIA, EMP and Risk Assessment reports pertaining to the project.
PPs Submission: Complied PLL is complying with all the recommendation stipulated in the EIA, EMP and Risk Assessment reports (QRA) pertaining to the project.		Date: 24/05/2024
6	PUBLIC HEARING	The commitments made during the Public Hearing and as recorded in the Minutes shall be complied with letter and spirit.
PPs Submission: Complied Public Hearing commitments are incorporated in the final EIA Report for further action. Commitments are fulfilled and the details were submitted along with six monthly compliance report up to March 2016.		Date: 24/05/2024
7	Statutory compliance	All the conditions stipulated in the earlier Clearance including the recommendations of Environment Management Plan, Disaster Management Plan shall be strictly complied with.
PPs Submission: Complied		Date:

All the conditions stipulated in the earlier clearances including the recommendations of Environment Management Plan (EMP) and Disaster Management Plan (DMP) are complied.		24/05/2024
8	MISCELLANEOUS	The Committee noted the proponent's statement that augmentation of the capacity from 2.5 MMTPA to 5.0 MMTPA will not induct additional environmental issues and that the planned system will take care of the overall requirements of the facility. However, impacts if any arising out of increased activities to meet the additional capacity shall be brought to the notice of the Ministry with appropriate mitigation measures that will be put in place, to ensure that the given commitment of 'no additional impact' is maintained in letter and spirit.
PPs Submission: Complied Noted. Augmentation of the capacity from 2.5 MMPTA to 5.0 MMTPA will not induct additional environmental issues. PLL ensure that the impacts if any arising out of increased activities to meet the additional capacity shall be brought to the notice of the Ministry with appropriate mitigation measures that will be put in place.		Date: 24/05/2024
9	MISCELLANEOUS	At least 5% of the total cost of the project shall be earmarked towards the Corporate Social Responsibility (CSR) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry prior to the commencement of the project. Implementation of such program shall be ensured accordingly in a time bound manner.
PPs Submission: Complied 5% of the total cost of augmentation of the capacity is earmarked towards CSR projects. A detailed CSR plan was submitted by PLL vide letter No: PLL/KOCHI/MOEF/ 13/C-06 dated 22.03.2013. CSR programs are being carried out at PLL on regular basis.		Date: 24/05/2024
10	Marine/Coastal	It shall be ensure that the proposed activity shall not cause any disturbance to the Fishing activity.
PPs Submission: Complied The proposed augmentation/ enhancement of plant capacity does not involve any modification in current marine facilities. Hence will not cause disturbance to fishing activity.		Date: 24/05/2024
11	Risk Mitigation and Disaster Management	The smooth and safe operation of the system will be ensured by incorporating a computerized SCADA (Supervisor Control And Data Acquisition) system. Any leakage in the pipeline shall be immediately detected by the Computer system and product pumping shall be immediately cut off.
PPs Submission: Complied SCADA, FGS, ESD systems are installed for early detection of any leak and for taking safe shutdown. RLNG (Regassified LNG) pipeline belongs to GAIL and gas supply will be stopped by PLL upon receiving communication from GAIL.		Date: 24/05/2024
12	MISCELLANEOUS	Regular patrolling of the pipelines needs to be done. This will help in identifying any activity that have the potential to cause pipeline damage or to identify small leaks whose effects are too small to be detected by instrument.
PPs Submission: Complied RLNG pipelines belongs to GAIL. Pipelines within the terminal are equipped with temperature and pressure sensors to raise alarm in case of abnormalities. Gas Detectors are installed near pipelines to raise alarms at MCR in case of any leakage.		Date: 24/05/2024
13	MISCELLANEOUS	The project shall be carried out as per international standards in

		vogue and duly certified by competent authorities before commissioning.
PPs Submission: Complied The project was carried out in accordance with the relevant international and national standards. All equipment's have been inspected and certified by competent third party or by competent authorities.		Date: 24/05/2024
14	Marine/Coastal	Oil Spill Contingency Management Plan shall be put in place along with the dedicated staff to deal with Oil spill in and around the port area shall be provided in the port. No oily wastes shall be discharged into the water bodies/mangrove areas.
PPs Submission: Complied Oil spill contingency plan is in place, which is prepared by Cochin Port Trust (CoPT). Oil spillage incidents will be handled by Cochin Port Trust. Details of oil spill contingency plan was submitted to MoEF&CC along with the six-monthly compliance report till March 2013. Cochin port trust (CoPT) is organising oil spill contingency mock drills on regular basis and PLL has also been part of it.		Date: 24/05/2024
15	Risk Mitigation and Disaster Management	Regular mock drills shall be conducted to check the effectiveness of the on-site Disaster Management Plan. The recommendations made in the Environmental Management Plan and Disaster Management Plan, as contained in the Environment Impact Assessment and Risk Analysis reports of the project, should be effectively implemented.
PPs Submission: Complied Mock drills are conducted in every quarter for different emergency scenarios listed out in the plant Quantitative risk assessment report (QRA). All the recommendations mentioned in the Environment management plan, disaster management plan, EIA and QRA report are implemented.		Date: 24/05/2024
16	MISCELLANEOUS	No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.
PPs Submission: Complied Noted. No other construction work will be done in CRZ area.		Date: 24/05/2024
17	MISCELLANEOUS	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
PPs Submission: Complied PLL has set up an Environment Management Cell (EMC) under Chief General Manager & Vice President (Plant Head) with nominated members from plant departments.		Date: 24/05/2024
18	MISCELLANEOUS	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.
PPs Submission: Complied The fund earmarked for environment management is included in the budget and will not be diverted for other purposes.		Date: 24/05/2024
General Conditions		
Sr.No.	Condition Type	Condition Details

1	Statutory compliance	A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bengaluru regarding the implementation of the stipulated conditions.
PPs Submission: Complied Six monthly reports have regularly been submitted to regional MoEF&CC office for all EC & CRZ Clearance obtained for the Kochi LNG Terminal project.		Date: 24/05/2024
2	Statutory compliance	Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.
PPs Submission: Complied PLL will comply with additional conditions, if any suggested by the ministry or any other competent authority in writing.		Date: 24/05/2024
3	MISCELLANEOUS	The project proponents 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 land development work.
PPs Submission: Complied Site appraisal clearance obtained on 28th February 2011. No separate land developmental work was required, as this involved only augmentation of equipment in the same land. PLL had informed the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project vide letter dated 5th Sept-2008.		Date: 24/05/2024
4	MISCELLANEOUS	A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/ representation has been made received while processing the proposal.
PPs Submission: Complied Letter submitted to Panchayat vide no. PLL/Kochi/MoEF/G GP/2013/001 dated 07th March 2013. A copy of this letter has already been submitted with six monthly compliance reports for the period October 2012 to March 2013.		Date: 24/05/2024
5	MISCELLANEOUS	State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office/Tahsildar's office for 30 days.
PPs Submission: Complied Action taken by Kerala State Pollution control board (KSPCB).		Date: 24/05/2024
6	Statutory compliance	These stipulation's would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.
PPs Submission: Complied Compliance of EC clearance conditions and other applicable statutes are being ensured on regular basis.		Date: 24/05/2024
7	Statutory compliance	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project

		proponents from the respective competent authorities.
<p>PPs Submission: Complied All the applicable statutory approvals and clearances had obtained by PLL before commissioning & the same is being followed during operation of the terminal.</p>		<p>Date: 24/05/2024</p>
8	MISCELLANEOUS	The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental and CRZ Clearance and copies of clearance letters are available with the Kerala Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at http://www.envfor.nic.in . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bengaluru.
<p>PPs Submission: Complied Advertised in two local newspapers widely circulated in the region. Copy of advertisement submitted along with the six-monthly compliance report for the period April to September, 2013.</p>		<p>Date: 24/05/2024</p>
9	MISCELLANEOUS	This clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.
<p>PPs Submission: Complied We noted that this clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004.</p>		<p>Date: 24/05/2024</p>
10	MISCELLANEOUS	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.
<p>PPs Submission: Complied Status of the compliance, of various stipulated environmental conditions and environmental safeguards are regularly being uploaded in PLL's website.</p>		<p>Date: 24/05/2024</p>
11	MISCELLANEOUS	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
<p>PPs Submission: Complied We understand that any appeal against this clearance shall lie with the National Green Tribunal as per applicable statutes.</p>		<p>Date: 24/05/2024</p>
12	Statutory compliance	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
<p>PPs Submission: Complied Status of compliance reports are being regularly submitted to Regional Office of MoEF & CC and KSPCB district office.</p>		<p>Date: 24/05/2024</p>
13	MISCELLANEOUS	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.

<p>PPs Submission: Complied Noted. PLL will abide by all Environment clearance conditions.</p>		<p>Date: 24/05/2024</p>
14	MISCELLANEOUS	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment and Forests.
<p>PPs Submission: Complied Project profile and implementation agency were not changed during construction. The project was commissioned in the year, 2013.</p>		<p>Date: 24/05/2024</p>
15	MISCELLANEOUS	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
<p>PPs Submission: Complied Letter submitted to Panchayat vide no. PLL/Kochi/MoEF/GP/2013/001 dated 07th March-2013. A copy of this letter was submitted with HYCR for the period October 2012 to March 2013. Copy of letter is put on PLL website also.</p>		<p>Date: 24/05/2024</p>
16	MISCELLANEOUS	The proponent shall upload the status of compliance of the stipulated Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
<p>PPs Submission: Complied Status of compliance reports are being regularly updated by Petronet on its website, www.petronetlng.in and also being submitted to MoEF&CC & KSPCB.</p>		<p>Date: 24/05/2024</p>
17	Statutory compliance	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent 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 Clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
<p>PPs Submission: Complied Form-V (Environment Statement)-FY 2022-23 is displayed on company website along with the status of compliance of EC conditions. Environment statement for FY 2022-23 is submitted along with six monthly compliance report till September 2023.</p>		<p>Date: 24/05/2024</p>
18	MISCELLANEOUS	Full support shall be extended to the officers of this Ministry/Regional Office at Bengaluru by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.
<p>PPs Submission: Complied PLL extend its full support to the officers of this Ministry's Regional Office, Bengaluru and the officers of the Central and State Pollution Control Board during the inspection for monitoring purpose.</p>		<p>Date: 24/05/2024</p>

19	WATER QUALITY MONITORING AND PRESERVATION	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.
PPs Submission: Complied PLL have taken appropriate measure while undertaking digging activities. We conduct ground water analysis on half yearly basis and the latest report is enclosed		Date: 24/05/2024
Visit Remarks		
Last Site Visit Report Date:	N/A	
Additional Remarks:		