


# EC Conditions Six Monthly Compliance Report

(by Project Proponent)



**Proposal No :** IA/KL/MIS/24820/1910

## 1. Name of the Entity / Corporate Office :

<b>File No. :</b>	J-16011/26/2001-IA.III	<b>Proposal Name :</b>	Enhancing the regassification capacity from 2.5 MMTPA to 5 MMTPA at Puthuvypeen Island, Kochi, Kerala
<b>Date Of EC. :</b>	31 Jan 2013	<b>EC Letter :</b>	
<b>Name of the Entity / Corporate Office :</b>	PETRONET LNG LIMITED (PLL)	<b>Email Address :</b>	peterfernandes@petronetlng.in
<b>Address :</b>	1st Floor, World Trade Center, Babar Road, Barakhamba Lane, New Delhi	<b>Mobile No :</b>	9999016499

## 2. Proponent Details :

<b>Proponent Name :</b>	Yogananda	<b>Designation :</b>	Chief General Manager and Vice President
<b>Telephone No. :</b>	0484-2502259	<b>Mobile No. :</b>	+91 9048844443
<b>Fax No. :</b>	0484-	<b>Email Address :</b>	yoganandareddy@petronetlng.in
<b>Website :</b>	www.petronetlng.in	<b>Pin Code :</b>	682508
<b>State :</b>	Kerala	<b>District :</b>	Ernakulam
<b>Village/Town :</b>			

## 3. Compliance Letter/Report (Proponent):

<b>Compliance Period :</b>	2022 / 01 Dec (01 April - 30 Sep)	<b>Compliance Submission Date :</b>	02 Dec 2022 11:45:06:737
<b>Remarks :</b>			
<b>Site Visit Report :</b>	N/A	<b>Site Visit Date :</b>	N/A
<b>ATR Report :</b>	N/A	<b>ATR Date :</b>	N/A
<b>Additional Attachment (If Any) :</b>	N/A	<b>Additional Remarks (If Any) :</b>	

## 4. Summary Status of Compliance :

<b>Total Condition :</b>	37		
<b>Complied :</b>	37	<b>Being Complied :</b>	0
<b>Not Complied :</b>	0	<b>Partially Complied :</b>	0
<b>Agreed to Comply :</b>	0		


## 5. Details of Production and Project Area :

Date of Commencement of Project/Activity :	20 Aug 2013	Project Area as Per EC Granted (In Case of Mine Lease):	33.4	
Actual Project Area(In Case of Mine Lease):	33.4			
<b>PRODUCTION CAPACITY :</b>				
S.No	Name of the Product	Units	As per EC granted	Production during last financial year
1	LNG	Tons per Annum (TPA)	5 MMTPA	1.04 MMTPA

## 6. Specific Conditions (Proponent) :

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	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.	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.	N/A	
2	The project shall be carried out as per international standards in vogue and duly certified by competent authorities before commissioning.	Complied	The project was carried out in accordance with relevant international and national standards. All equipment's have been inspected and certified by competent third party or by competent authorities.	N/A	
3	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.	Complied	Safety Helmets, Safety Shoes, Goggles, SCBAs, Cryo suits, Cryo gloves, dust masks are provided to employees & workers. Dust masks are provided to employees & workers involved in dust generating work.	N/A	
4	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	Complied	SCADA, FGS, ESD systems are installed for early detection of any leak and for safe shutdown. RLNG pipeline belongs to GAIL and gas	N/A	


	product pumping shall be immediately cut off.		supply will be stopped by PLL upon receiving communication from GAIL.		
5	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.	Complied	Mock drills are conducted in every quarter for different emergency scenarios listed out in the Quantitative risk assessment report (QRA). All the recommendations are implemented.	N/A	
6	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.	Complied	No additional LNG storage tank is envisaged for this enhancement. PESO approval for existing storage tank is submitted with HYCR dated 05-04-2013.	N/A	
7	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.	Complied	Oil spill contingency plan is in place as prepared by CoPT. Any kind of spillage incidents will be handled by Cochin Port Trust. Details regarding this was submitted along with HYCR up to 05.04.2013.	N/A	
8	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	Complied	Noted. However, Augmentation of the capacity from 2.5 MMTPA to 5.0 MMTPA will not induct additional environmental issues.	N/A	
9	No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Complied	Noted. No other construction work will be done in CRZ area.	N/A	

10	“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.	Complied	“Consent to Establish” vide No. PCB/HO/EKM/ICE-R/03/2013 obtained from KSPCB and a copy of the same has already submitted to MoEF&CC along with the six-monthly compliance report dated 30th Sep-2013.	N/A	
11	It shall be ensure that the proposed activity shall not cause any disturbance to the Fishing activity.	Complied	The proposed augmentation/ enhancement of plant capacity do not involve any modification in current marine facilities. Hence will not cause disturbance to fishing activity.	N/A	
12	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.	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.		
13	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.	Complied	State of the art automated FGS & shutdown system is installed to mitigate any such incidents.	N/A	
14	The commitments made during the Public Hearing and as recorded in the Minutes shall be complied with letter and spirit.	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 report dated 02nd June-2016.	N/A	
15	All the conditions stipulated in the earlier Clearance including the recommendations of Environment Management Plan, Disaster Management Plan shall be strictly complied with.	Complied	All the conditions stipulated in the earlier clearances including the recommendations of EMP and DMP	N/A	


			are strictly complied with.		
16	Project proponent should implement all the recommendations stipulated in the EIA, EMP and Risk Assessment reports pertaining to the project.	Complied	PLL is complying with all the recommendation stipulated in the EIA, EMP and Risk Assessment reports (QRA) pertaining to our project.	N/A	
17	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.	Complied	PLL has set up an Environment Management Cell (EMC) under Chief General Manager & Vice President (Plant Head) with members from plant departments.	N/A	
18	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	Complied	The fund earmarked for environment management is included in the budget and will not be diverted for other purposes. Environment expenses for FY 2021-22 is submitted along with HYCR for Oct21-Mar22.	N/A	

## 7. General Conditions (Proponent) :

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	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.	Complied	Letter submitted to Panchayat vide no. PLL/Kochi/MoEF/C dated 07th March-2013. A copy of the letter has already been submitted with six monthly compliance reports dated 05th April-2013.	N/A	
2	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	Complied	Noted. PLL will abide by all Environment clearance conditions.	N/A	
3	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.	Complied	Project profile and implementation agency were not changed during construction. The	N/A	

			project was commissioned in the year, 2013.		
4	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 <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . The advertisement should be made within 10 days from the date of receipt of	Complied	Advertised in two local newspapers widely circulated in the region around the project. Copy of advertisement submitted along with the six-monthly compliance report dated 30th September-2013.	N/A	
5	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.	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.	N/A	
6	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.	Complied	Compliance of EC clearance conditions and other applicable statutes are being ensured regularly.	N/A	
7	A copy of the clearance letter shall be sent by the 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. The clearance letter shall also be put on the website of the company by the proponent.	Complied	Letter submitted to Panchayat vide no. PLL/Kochi/MoEF/C dated 07th March-2013. A copy of the letter was submitted with HYCR dated 05th April-2013. Copy of letter is put on PLL website also.	N/A	
8	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Complied	PLL have taken appropriate measure while undertaking digging activities. We conduct ground		

			water analysis on half yearly basis and latest report of June 2022 is enclosed.		
9	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.	Complied	Site appraisal clearance obtained on 28th Feb 2011. No separate land developmental work was required, as this involved only augmentation of equipment in the same land.	N/A	
10	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.	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.	N/A	
11	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	Complied	Status of the compliance, of various stipulated environmental conditions and environmental safeguards are uploaded in PLL's website.	N/A	
12	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.	Complied	Action taken by Kerala State Pollution control board (KSPCB).	N/A	
13	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.	Complied	PLL will comply with additional conditions, if any suggested by the ministry or any other competent authority in writing.	N/A	
14	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.	Complied	We understand that any appeal against this clearance shall lie with the National Green Tribunal as per applicable statues.	N/A	
15	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.	Complied	We noted here that this clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation	N/A	

			Vs. Union of India in Writ Petition (Civil) No.460 of 2004.		
16	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.	Complied	All the applicable statutory approvals and clearances have been obtained by PLL before commissioning & during operation of the terminal.	N/A	
17	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.	Complied	Status of compliance reports are being regularly updated by Petronet on its website, www.petronetlng.in and being submitted to MoEF&CC & KSPCB.	N/A	
18	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.	Complied	Form-V (Environment Statement) is put on company website along with the status of compliance of EC conditions. Environment statement is also submitted with HYCR to MoEF&CC.		
19	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.	Complied	Status of compliance reports are being regularly updated by Petronet on its website, www.petronetlng.in and being submitted to MoEF&CC & KSPCB.	N/A	
<input checked="" type="checkbox"/> I ' PETRONET LNG LIMITED (PLL) ' hereby give undertaking that the specific / general condition is entered by me is correct.					

## E-Sign

**PETRONET LNG LIMITED (PLL)**

**Date : 02 Dec 2022 11:45:06:737**



**\*\*Note : N/A - Not Available**

**PRINT**

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