

Project Title	:	PNOC LIQUEFIED NATURAL GAS (LNG) HUB PROJECT
Project Location	:	Mabini, Batangas (Tentative)
Nature of Project	:	Complete Value Chain LNG Facility
Implementing Agency	:	PNOC

Project Description:

The PNOC, as the corporate arm of the Department of Energy (DOE), has steadily taken action towards the performance and attainment of the Department's mandate, that is, for PNOC to spearhead the development of energy infrastructure for liquefied natural gas (LNG). To attain this vision and direction, the project, known as the "PNOC Liquefied Natural Gas (LNG) Hub Project," was conceptualized.

The Project is a complete value chain LNG facility to be used to receive, store, regasify, and distribute imported LNG, and at the same time facilitate the withdrawal of banked gas owned by PNOC from the Malampaya gas field. With a complete LNG facility, it is aimed at contributing to the economic growth of the country by providing a dependable, sustainable and efficient source of energy. This will fill the gap in addressing the lost energy capacity from the Malampaya gas field when SC 38 expires in 2024 and if and when the Malampaya gas is depleted.

PNOC was able to complete and secure the PNOC Board's approval of the Project's Framework Study in December 2017. Initially, the proposed implementation for the LNG project was under a Government to Government (G to G) modality. However, with PNOC's continued "market sounding", various private sector, both local and foreign showed keen interest in the project. Hence, PNOC adopted the concept of the unsolicited proposal under the 2013 Revised NEDA Joint Venture Guidelines and the Build-Operate-Transfer (BOT) Law. A total of eight (8) unsolicited proposals were received and evaluated by PNOC with the assistance from the Asian Development Bank (ADB) as the company's transaction advisor for the LNG project. However, all these proposals were rejected/not accepted due to noncompliance with the Board approved Eligibility / Qualification Criteria and Rules under BOT law or NEDA JV guidelines, or due to incompleteness of proposals.

Then on 15 August 2018, the Board approved the Solicited Proposal Scheme under the National Economic and Development Authority's Revised Guidelines and Procedures for Entering into Joint Venture Agreements between Government and Private Entities (NEDA JV Guidelines) and a Joint Venture Selection Committee (JV-SC), as required under the aforesaid Guidelines, was created. Consequently, the Pre-qualification/eligibility Criteria for the Private Sector Participants were also approved by the Board.

The Instructions to Private Sector Participants were published in the PNOC website and in newspapers of general circulation on 22 October 2018. Three interested parties bought eligibility documents.

PNOC submitted to the Energy Investment Coordinating Council (EICC) an application for its LNG Project to be certified as an Energy Project of National Significance.

Likewise, a letter request to the DOE Secretary through its Central Review and Evaluation Committee was submitted on 07 November 2018, to issue a directive designating PNOC as the qualified Government Agency to spearhead the development of downstream gas value chain through the pioneering PNOC LNG Hub Project.

However, on January 18, 2019, the PNOC Board directed management to conclude and terminate all activities in relation to the Competitive Selection of the Joint Venture Development partner for the Project, without prejudice to exploration of new opportunities in the LNG value chain in light of current developments and business prospects available that are still timely and deemed feasible for PNOC's participation.

Status as of 31 December 2019:

The LNG Hub Project is one of the proposed natural gas infrastructure projects identified in the 2017-2040 Philippine Energy Plan for the Downstream Natural Gas Sector intended to address the increasing gap between energy supply and demand.

One of PNOC's priorities for FY 2020 is to concretize PNOC's role as the government's corporate arm for the investment or participation in the LNG Hub Value Chain (i.e. receiving, storing, re-gasifying, and distributing imported LNG).

The project is in anticipation of the depletion of the natural gas supply from SC 38. The Project will ensure uninterrupted supply of natural gas to fire Malampaya-dependent power plants once the SC38 contract expires in 2024.

PNOC is currently in the exploration stage with potential partners.

Project Title : **SALE OF BANKED GAS**

Project Location :

Nature of Project : Sale of the Remaining Volume of Banked Gas

Implementing Agency : PNOC

Project Description:

Banked gas is the accumulated unused gas by the Ilijan Power Plant (owned by Napocor/PSALM), which has an existing Gas Sale and Purchase Agreement (GSPA) with the SC38 consortium that is subjected to a take-or-pay (TOP) provision. Under TOP, a fixed quantity of gas is being paid for by the power plant every year, whether they use the gas or not. The Department of Energy (DOE) is subrogated to all the rights and entitlements of the banked gas. In September 2009, PNOC purchased from the DOE all the rights, benefits and entitlements of the banked gas worth 108.6 Petajoules.

Currently, the remaining volume of the banked gas is equivalent to 97.67.

Project Status as of 31 December 2019:

PNOC constantly holds discussion with parties who signified interest to buy the banked gas

Project Title	:	ESTABLISHMENT OF PNOC'S STRATEGIC PETROLEUM RESERVE (SPR)
Project Location	:	
Nature of Project	:	
Implementing Agency	:	PNOC

Project Description:

According to the 2019 Oil Supply/Demand Report prepared by the Department of Energy (DOE), 99.9% of the country's oil supply comes from imports. As a highly-dependent country on oil imports, the country would be severely affected by domestic fuel volatility costs in the events of shifts in global demand, price, exchange rate movements, and international disputes.

Thus, the establishment of a National Strategic Petroleum Reserve (SPR) in the Philippines is a PNOC's initiative to mitigate the effect of sudden oil supply disruptions that can affect the economy of the country. The PNOC is mandated, through Memorandum Order 2019-11-0001 issued by the DOE in November 14, 2019, to conduct a comprehensive feasibility study for the establishment of a SPR, and prepare an implementation plan based on the conducted study.

Status as of December 2019:

A comprehensive desktop study had been conducted by the PNOC for the completion of the project's framework. The project framework is composed of information on applicable oil stockpiling strategies in the Philippine setting, which includes legal and institutional framework, recommended oil stockpile composition and volume, recommended stockpile ownership methods and recommended stockpiling technologies. This document was prepared with the aim to provide basic understanding and preliminary recommendations for the implementation of the project to the readers based on related studies and literatures. The Detailed Feasibility Study to be conducted, however, can either refine or completely alter the preliminary recommendations provided in the project framework. The project framework has been presented to and approved by the PNOC Board of Directors during its November 26, 2019 meeting.

The Terms of Reference (TOR) for the hiring of a Transaction Advisor (TA) to, among others, conduct and prepare the Detailed Feasibility Study for the Project has been prepared, submitted to and approved by the PNOC Board also during the November 26, 2019 meeting. The DFS to be conducted by PNOC with the assistance of the TA shall cover the technical, legal, social, environmental, financial and economic aspects as well as the risks associated in developing and implementing the Project.

PNOOC has also sought the approval of its Board of Directors during the same meeting to expand the mode procurement to include Negotiated Procurement under Section 53 of the RA 9184 (Government Procurement Reform Act) IRR in addition to the approved Public Bidding and Agency-to-Agency.

PNOOC has identified several agencies and institutions as potential candidates with the competence to provide the necessary expertise and advisory assistance for the envisioned development of the national SPR for the Philippines. PNOOC has started sending out invitation letters and coordinating with these institutions to discuss possible facilitation, assistance or arrangements on PNOOC's required transaction advisory services.