

Is TotalEnergies planning a large-scale LNG project in Papua New Guinea?

TotalEnergies, alongside ExxonMobil (37.04% interest), Santos (22.83%), and JX Nippon (2.58%), is planning a large-scale liquefied natural gas (LNG) project in Papua New Guinea (Papua LNG).

Will Papua LNG make money?

Papua LNG is only the second large-scale natural gas project in the country and, if completed, would rival Indonesia's gas exports. However, by the time the project is expected to come online, experts are projecting a glut in gas prices due to flooded markets. In essence, there is little revenue certainty for the project.

What is Papua LNG?

Papua LNG will consist of nine production wells, a gas processing plant, a 320-km pipeline, and liquefaction units that process the gas into liquid for transport. Total capacity is estimated to be 5.6 million tonnes per annum (Mtpa). The project will connect to ExxonMobil's existing PNG LNG plant in near Port Moresby.

Who owns PNG LNG?

Similarly, the PNG LNG project sees a large stake held by ExxonMobil [33.2% interest], as well as Kumul Petroleum Holdings [16.8%], Santos Limited [42.5%], JX Nippon Oil & Gas Exploration Corporation [4.7%], and Mineral Resources Development Company Limited [2.8%].

Does Papua New Guinea have oil & gas extraction projects?

According to Global Energy Monitor's Global Oil and Gas Extraction Tracker (March 2024 release), Papua New Guinea has five discovered oil and gas extraction projects: the Pasca Oil and Gas Field, the Stanley Oil and Gas Field, the Kutubu Oil Project, the P'nyang Gas Field, and the Elk-Antelope Gas Field.

How much LNG can PNG produce?

Our operations have the capacity to produce more than 8.3 million tonnes of LNG, an increase of 20 percent from the original design specification of 6.9 million tonnes per annum (MTA). Over the life of the Project we estimate that the PNG LNG Project will produce more than 11 trillion cubic feet of LNG.

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

The Silver City Energy Storage Centre, an Advanced Compressed Air Energy Storage project in New South Wales, Australia which, once constructed, will be one of the world's largest renewable mini-grids, capable of storing up to 200 MW of generation to meet peak demand.

The project, owned and operated by AES Distributed Energy, consists of a 28 MW solar photovoltaic (PV) and a 100 MWh five-hour duration energy storage system. AES designed the unique DC-coupled solution, dubbed "the PV Peaker ...

Papua LNG is projected to increase Papua New Guinea's energy and industrial emissions by 7% create more than 220 million tonnes of Scope 3 carbon dioxide emissions over its lifetime, which is comparable to the annual emissions of the nation of Bangladesh.

PNG LNG is an integrated development that is commercialising the gas resources of Papua New Guinea. Our operations are producing approximately 7.9 million tonnes of liquefied natural gas each year which we export to four major customers in the Asia region.

PNG's principal metal exports - cobalt, nickel, and copper - are all important to the renewable energy and battery storage markets. There are opportunities for U.S. businesses to tap into the mining and energy industry as these large-scale projects come online.