

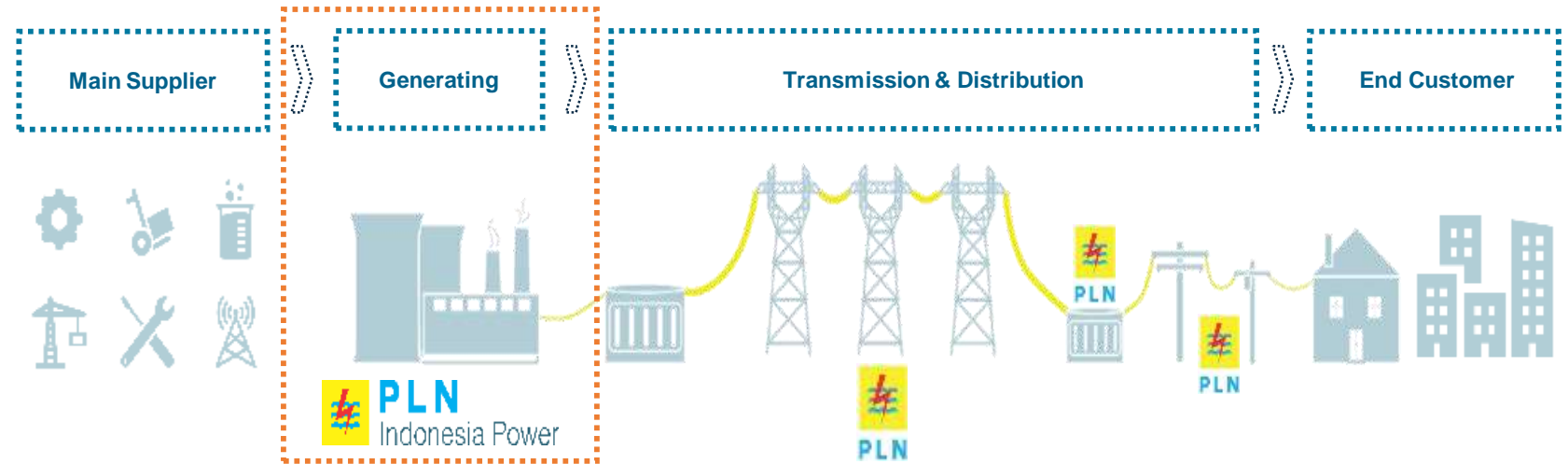
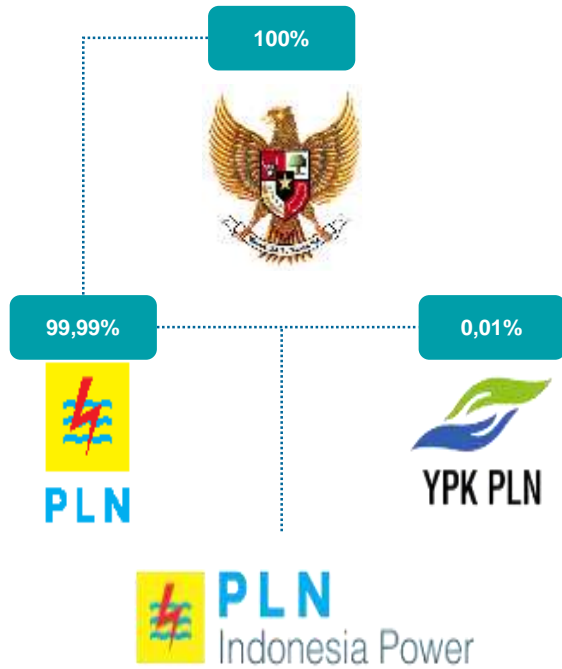


Project List IET CHANNEL Hydronesia of PLN Indonesia Power

22 November 2024



About Us

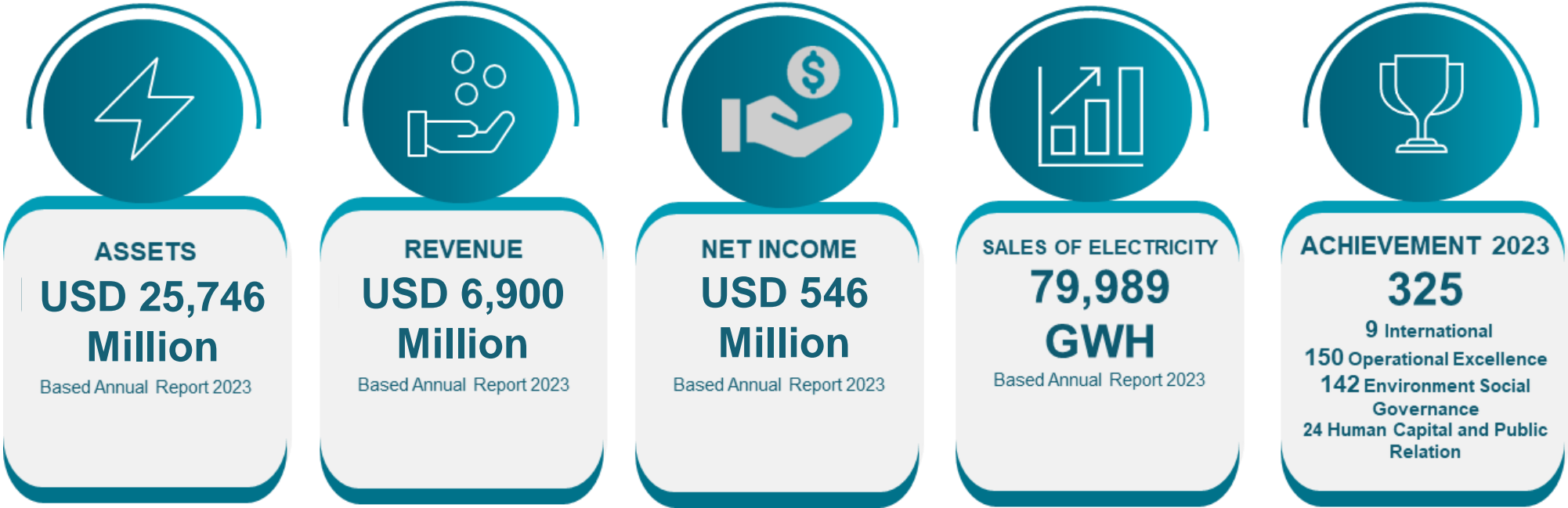


- Role of PT PLN Indonesia Power in the electricity business -

PT PLN Indonesia Power ("PLN IP") is a Sub Holding of PT Perusahaan Listrik Negara (Persero) ("PLN") which plays a strategic role in the electricity sector in Indonesia.

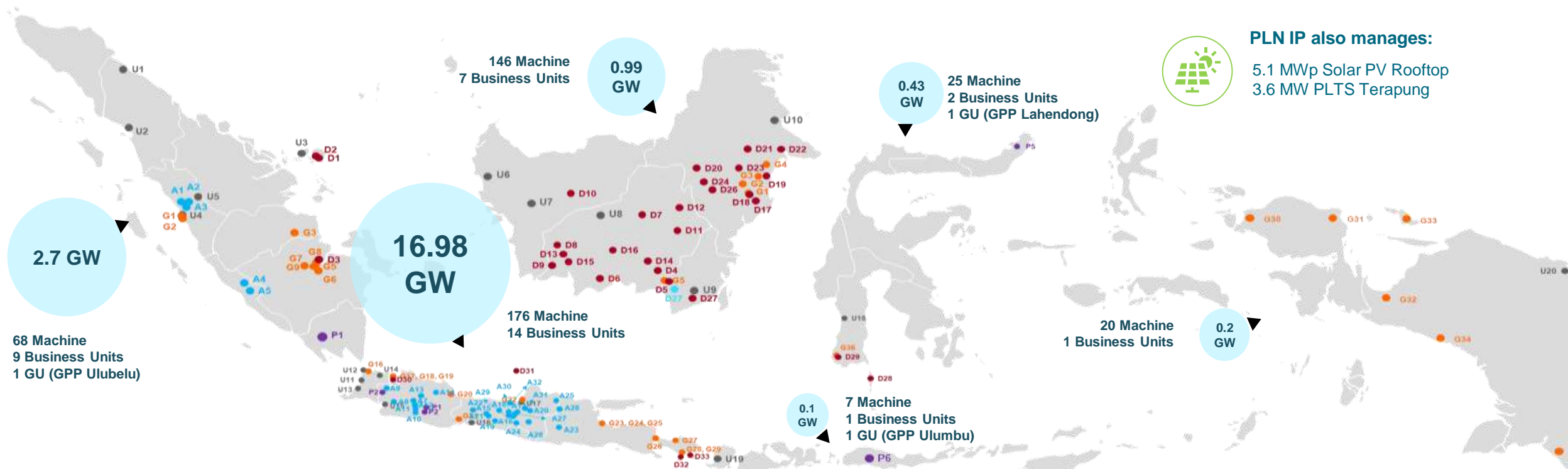
The main business activities of the Company are currently providing energy solutions which include the provision of electricity through electricity generation throughout Indonesia as well as developing the beyond KWh business.

Performance Achievements

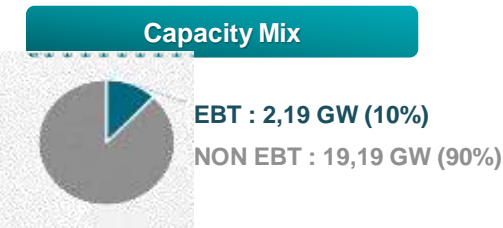
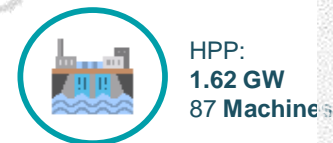
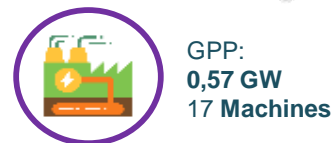
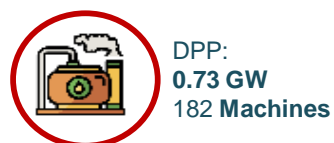


Area of Operation

As of August 31 2024, **PLN Indonesia Power** manages **21.4 GW** of Plants (**~441 machines**)* as Asset Owner & Operator as well as the management of 124 MW O&M services (9 machines), spread across **35 Plant Business Units** & 1 Maintenance Business Unit.



Profile of Plant Type:



*Aset PLN IP Based on Pronia 31 October 2024

Project List

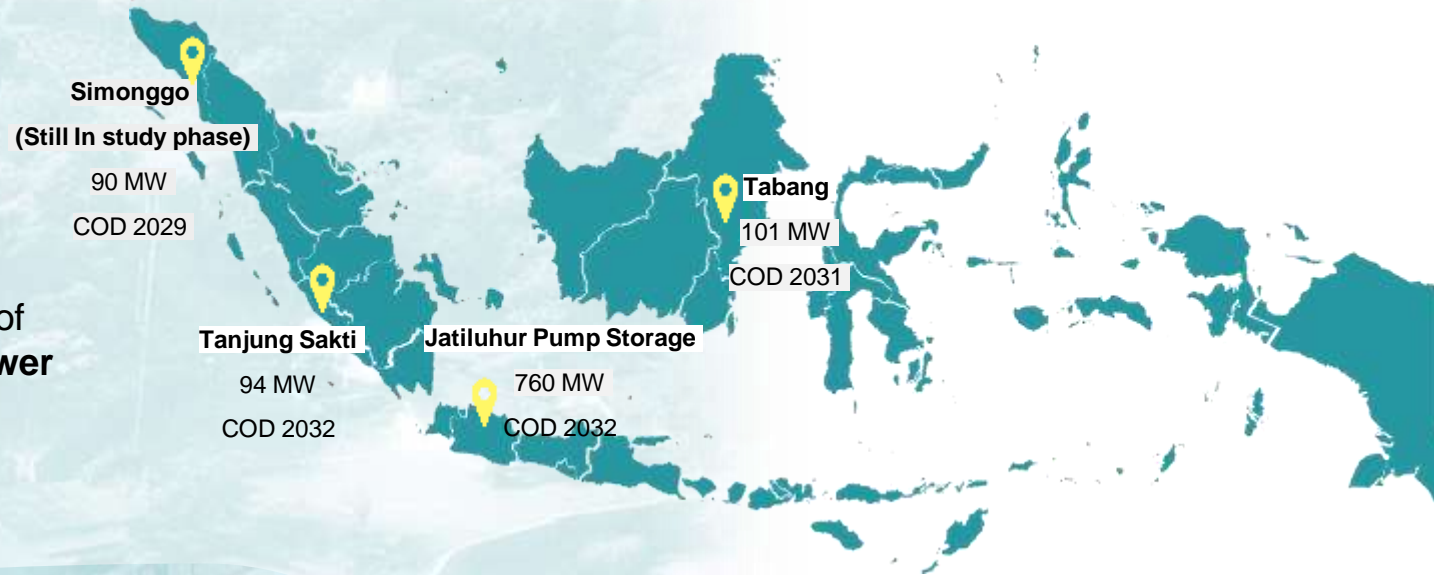
- Tanjung Sakti Hydro Power Plant
- Jatiluhur Pumped Storage
- Tabang Hydro Power Plant

Hydro Power Plant – Project Locations

Hydronesia 2024

"Looking for Co-Developers for Joint Development of hydropower studies to create ready-to-execute **hydropower projects earlier**"

Total capacity of program: 1045 MW



Value Creation #1

"*Technical Assistance Privilege*" by Co-Developer who have experience in foreign hydropower projects in order to produce hydropower studies that are ready for execution*

Value Creation #2

Getting the potential of other hydropower projects (along with alignment to additional demand / green demand) from Co-developers who can be collaborated together (permit holders, studies)

*) Ready for execution in terms of technical aspects, design, planning

Tanjung Sakti Hydro Power Plant – Project Overview

Item	Project Information
Name	Tanjung Sakti Hydro Power Plant (Reservoir Type)
Capacity	94 MW
Location	<ul style="list-style-type: none"> Tanjung Sakti Pumi Subdistrict, Lahat Regency, South Sumatera Province (Dam/Intake) Ulu Manna Subdistrict, Bengku Selatan Regency, Bengkulu Province (Powerhouse)
Interconnection	150kV substation double phi tapping Transmission Line Pagar Alam – Manna
Target COD	2032 (based on DRUPTL 2024-2033)
Funding scheme	IPP / Funding from shareholders (in the form of equity injection or SHL) & Project Financing
Project Value	XXX MUSD
Amount of Financing to Raise	XXX MUSD
Developer	PLN

Project Information
<ul style="list-style-type: none"> Project Description: The Tanjung Sakti Hydroelectric Power Project is a Dam type hydroelectric project utilizing the Manna River, located at the boundary of Bengkulu and South Sumatra provinces, with a capacity of 94 MW. The power plant will be connected to the Sumatra Grid System. Project Benefits: <ul style="list-style-type: none"> Supports the development of renewable energy (RE) plants to achieve the national RE mix target. Functions to maintain reliability and stability of the Sumatera system. Catalyzes VRE growth in the Sumatera system. Project Progress as of November 2024: <ul style="list-style-type: none"> Pre-Feasibility Study completed in 2018, In progress conducting Feasibility Study Listed RUPTL 2021 – 2030 Preparation for market sounding as initial part of developer pre-selection process

Project Timeline



XXX

- FS
- Application to PLN for assignment
- Partner selection
- Partner agreement
- Permit & land acquisition

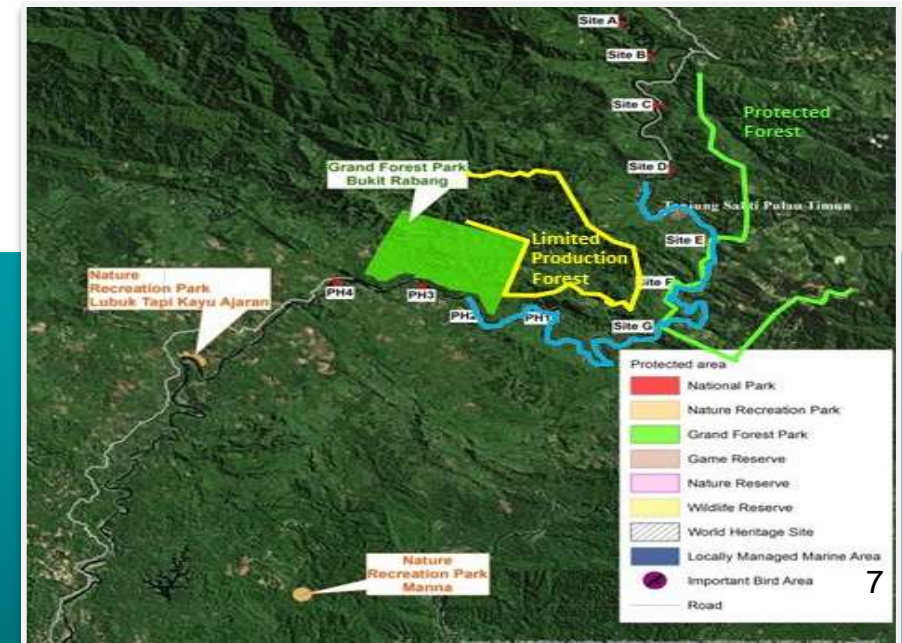
XXX

- PPA Process
- SPC Formation
- EPC Tender
- Financial Close Construction

XXX

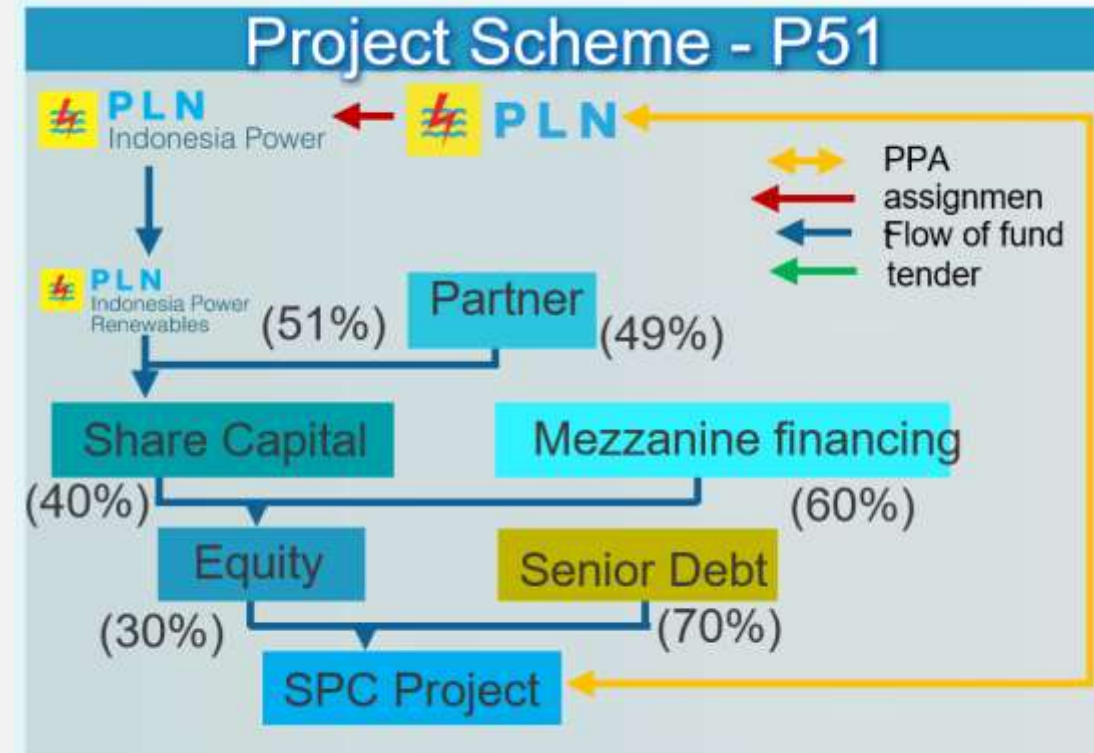
2032

- Commissioning
- COD



Tanjung Sakti *Hydro Power Plant* – *Project Information*

Item	Project Information
Project Staging	Partner Selection
Grant Assistance	No
Type of Project	Grid Connected
Project Sponsor	51% PLN ; 49% IPP
Grid Connection	Not yet, will be constructed later
Allow Financiers to bring their own developer?	Yes
Status of environmental and social due diligence	Not yet, the project is still in the planning Phase
Has the land been fully or partially acquired?	Not yet
Status of Permitting	Required Permits and Documents : IMB, IPPKH (if required), IPSDA, AMDAL, Dam Operation Permit and Other Permits

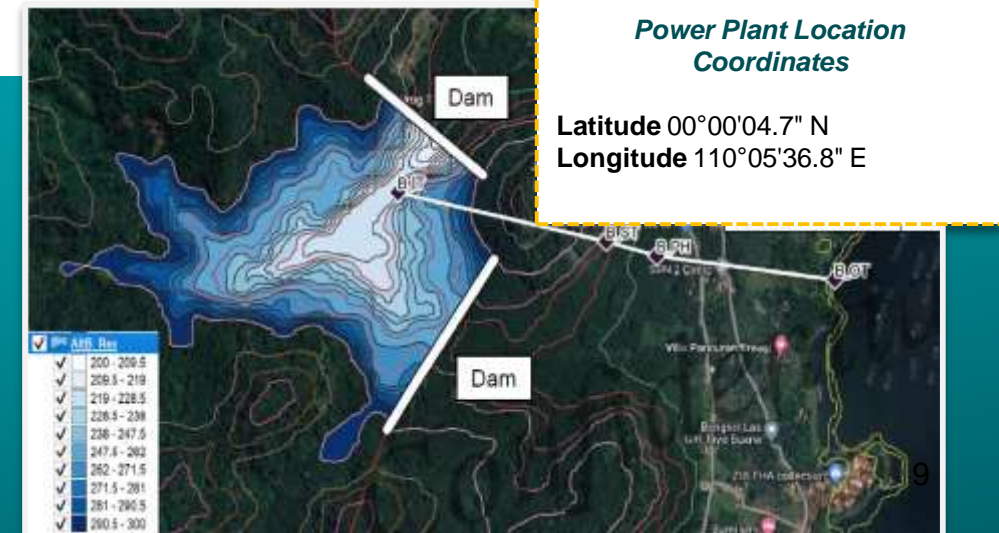
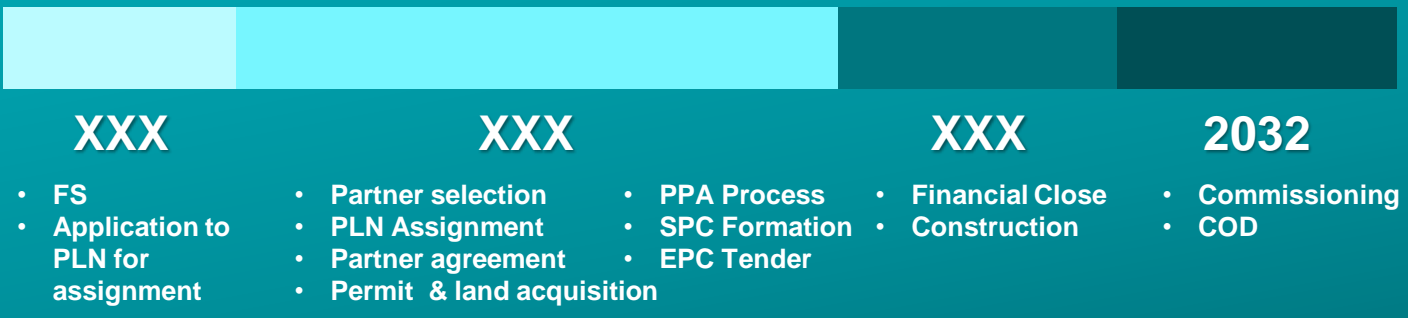


Jatiluhur Pumped Storage Hydro Power Plant – Project Overview

Item	Project Information
Name	Jatiluhur Pumped Storage Hydro Power Plant
Capacity	760 MW
Location	Ciririp, Jatiluhur, Purwakarta, West Java Province
Interconnection	GITET Switching 4cct Tap 500 kV Cirata-Deltamas
Target COD	2032 (based on DRUPTL 2024-2033)
Funding scheme	IPP / Funding from shareholders (in the form of equity injection or SHL) & Project Financing
Project Value	XXX MUSD
Amount of Financing to Raise	XXX MUSD
Developer	IPP

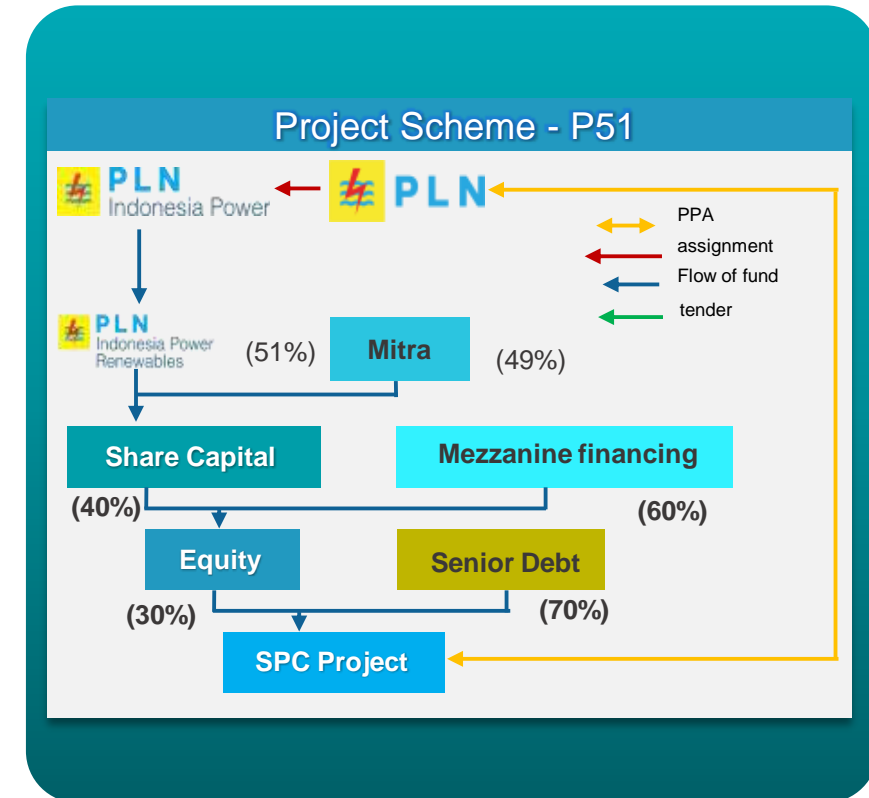
Project Information
<ul style="list-style-type: none"> Project Description: This project is a reservoir-type hydropower project. The plant is integrated into the Java-Bali grid system, with an annual energy production projection of 1,206 GWh. Subholding PLN (PLN Indonesia Power) will be engage in this project as a majority shareholder with 51% share or as an option partner with maximum shareholder 30%.
<ul style="list-style-type: none"> Project Benefits: <ul style="list-style-type: none"> Supports the development of renewable energy (RE) plants to achieve the national RE mix target. Functions to maintain reliability and stability of the Java Bali system. Catalyzes VRE growth in the Java Bali system.
<ul style="list-style-type: none"> Project Progress as of November 2024: <ul style="list-style-type: none"> Pre-Feasibility Study process is ongoing as of June 2024. PLN IP has proposed the assignment of the Jatiluhur Pumped Storage Hydroelectric Project with a capacity of 760 MW in 2024 Preparation for market sounding as initial part of developer pre-selection process

Project Timeline



Jatiluhur Pumped Storage Hydro Power Plant – Project Information

Item	Project Information
Project Staging	Partner Selection
Grant Assistance	Yes
Type of Project	Grid Connected
Project Sponsor	≤30% or 51% PLN ; ≥70% or 49% IPP
Grid Connection	Not yet, special facilities will be provided by SPC
Allow Financiers to bring their own developer?	Yes
Status of environmental and social due diligence	Not yet, the project is still in the procurement Phase. Environmental and social due diligence or environmental social impact assessments, will be provided by SPC
Has the land been fully or partially acquired?	Not yet; the project is still in the procurement planning phase. The developer will be responsible for land acquisition
Status of Permitting	Required Permits and Documents : IMB, IPPKH (if required), IPSDA, AMDAL, Dam Operation Permit and Other Permits
Experience invested in hydropower	Hydropower > 10 MW / Two or more hydro power plants with an aggregate capacity exceeding 10 MW / the maximum capacity for a Mini Hydro Power Plant as defined by the applicable Indonesian National Standard (SNI)
Able to become majority equity shareholder?	Not mandatory
Fulfill administrative criteria for procurement	As stated in PQ and RFP Document
Hold equity ownership minimum x years?	Up to COD



Tabang Hydro Power Plant – Project Overview

Item	Project Information
Name	Tabang Hydro Power Plant (Run of River)
Capacity	101 MW
Location	Tabang Village, Tabang District, Kutai Kartanegara Regency, East Kalimantan Province
Interconnection	Kembang Janggut Substation 150 kV, ± 70 km
Target COD	2031 (based on DRUPTL 2024-2033)
Funding scheme	IPP / Funding from shareholders (in the form of equity injection or SHL) & Project Financing
Project Value	XXX MUSD
Amount of Financing to Raise	XXX MUSD
Developer	PLN

Project Information

- Project Description**
 The project is a run-of-river hydropower plant. The feasibility study was completed in 2023, and the project has been assigned to PLN’s subholding, PLN Indonesia Power. PLN is now seeking funding from other development and commercial banks. ADB is screening the project for financing the project.
- Project Benefits:**
 - Supports the development of renewable energy (RE) plants to achieve the national RE mix target.
 - Providing base load power if river flow is consistent.
- Project Progress as of November 2024:**
 - PLN Feasibility Study completed in January 2024
 - Lender due diligence process and Land permit inventory 2024
 - The Project included in the Hydronesia market sounding program with a capacity of 101 MW.

Project Timeline



XXX

- FS
- Application to PLN for assignment

XXX

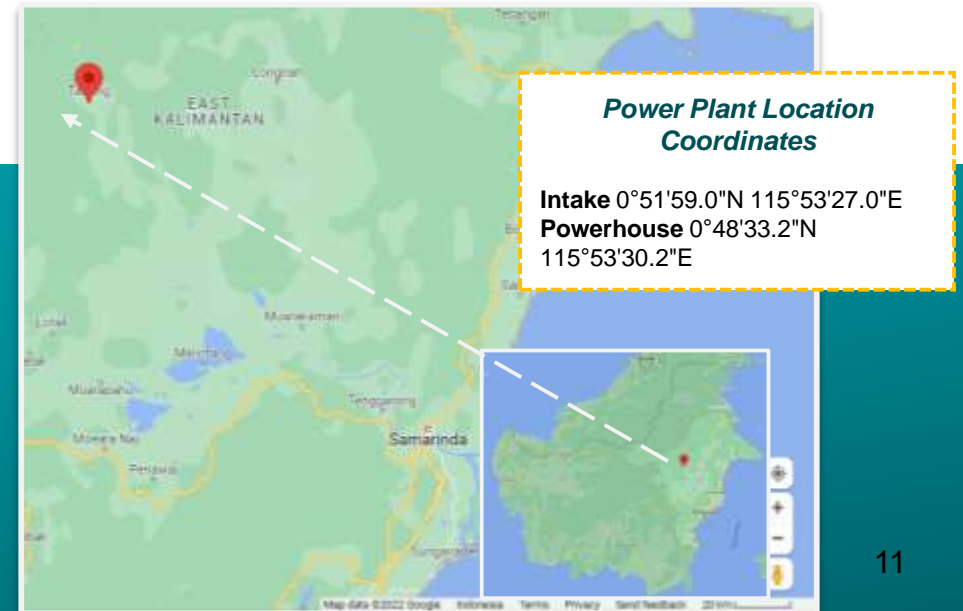
- Partner selection
- PLN Assignment
- Partner agreement
- Permit & land acquisition

XXX

- PPA Process
- SPC Formation
- EPC Tender
- Financial Close
- Construction

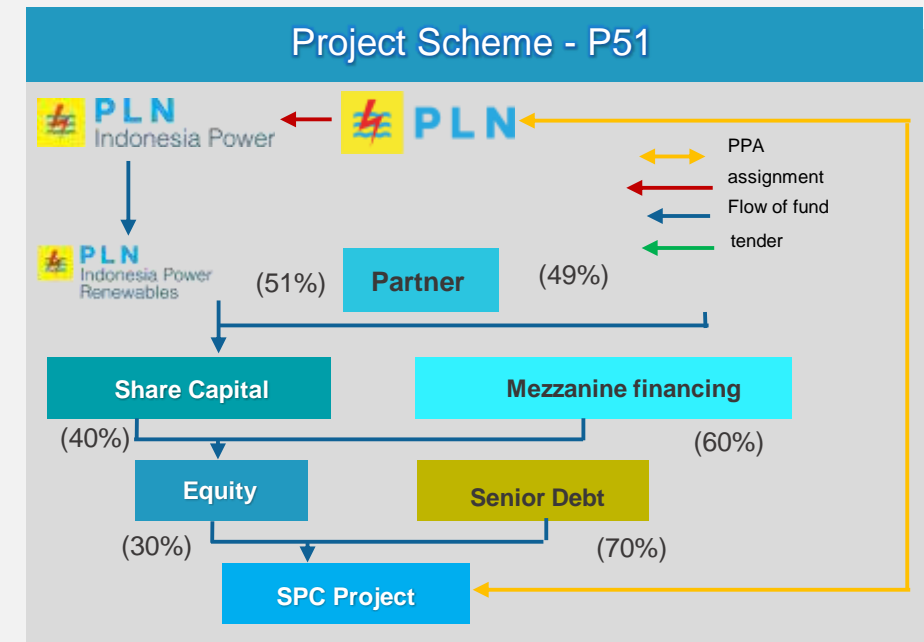
2031

- Commissioning
- COD



Tabang Hydro Power Plant – Project Information

Item	Project Information
Project Staging	Project Structuring (Partner Selection)
Grant Assistance	No
Type of Project	Grid Connected
Project Sponsor	51% PLN ; 49% IPP
Grid Connection	Not yet, special facilities will be provided by SPC
Allow Financiers to bring their own developer?	Yes
Status of environmental and social due diligence	Not yet
Has the land been fully or partially acquired?	Not yet
Status of Permitting	Required Permits and Documents : IMB, IPPKH (if required), IPSDA, AMDAL, Dam Operation Permit and Other Permits





Thank You



www.plnindonesiapower.co.id

Why Invest in Hidronesia Projects?

- **Strategic Impact:** Contribute to Indonesia's renewable energy transformation and achieve national energy mix targets.
- **Stable Returns:** Projects are supported by long-term Power Purchase Agreements (PPAs) and backed by PLN Indonesia Power.
- **Opportunities for Growth:** Access high-impact, environmentally sustainable infrastructure investments in rapidly growing energy markets.
- **Collaborative Platform:** Join a network of stakeholders, including developers, lenders, and the government, committed to advancing Indonesia's energy resilience.

"As we reach the conclusion of today's presentation, let me summarize why these projects present a compelling opportunity for investors and lenders. Hidronesia projects are not only aligned with Indonesia's renewable energy goals but also offer the potential for stable and attractive returns through structured financing and government-backed agreements. By participating, you will play a critical role in addressing energy challenges, supporting sustainable development, and contributing to Indonesia's green transition. Together, we can ensure the success of these transformative projects and make a lasting impact. We look forward to your partnership in building a more sustainable energy future for Indonesia."