



WALMER ENERGY

# Surabaya Energy Storage Power Plant in Indonesia





## Overview

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Where is the first garbage power plant in Indonesia?

The first garbage power plant in Indonesia that covers 37 hectares (91 acres), this power plant was built in the Benowo landfill area of Surabaya on the island of Java. The plant's daily incineration capacity is 1,300-1,500 tons of garbage.

How is Surabaya transforming waste into energy?

Every day, Surabaya transforms 1,000 tons of trash into electrical energy, a groundbreaking effort in urban waste management. Surabaya Mayor Eri Cahyadi revealed that approximately 1,600 tons of waste are sent daily to the Benowo Landfill (TPA Benowo). However, instead of being a burden, this waste is converted into a valuable energy source.

Is Surabaya a model for innovative waste management?

Surabaya, Indonesia Sentinel — The city of Surabaya has become a model for innovative waste management, drawing the attention of Indonesia's central government. Every day, Surabaya transforms 1,000 tons of trash into electrical energy, a groundbreaking effort in urban waste management.

Is Surabaya a pilot city for energy transition in Indonesia?

Surabaya, Indonesia Sentinel — Surabaya, the capital of East Java, has been selected as a pilot city for energy transition and efficiency efforts in Indonesia. The city officially launched its building sector decarbonization program on April 16, 2025, under the Sustainable Energy Transition in Indonesia (SETI) initiative.



## Surabaya Energy Storage Power Plant in Indonesia

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### Map of Power Plants In Indonesia

Mar 20, 2025 · 3. Regional Power Distribution Java: As the most populous island, Java is the hub of Indonesia's electricity generation, with a high concentration of coal-fired, natural gas, and ...

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Indonesia Surabaya holds an electrochemical energy storage ...

Why is there a growing demand for battery storage in Indonesia? There is a growing demand for battery storage in Indonesia as the development of renewable energy plants, especially solar ...

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### Surabaya Designated as Model City for Energy Transition in Indonesia

Apr 19, 2025 · Surabaya, Indonesia Sentinel -- Surabaya, the capital of East Java, has been selected as a pilot city for energy transition and efficiency efforts in Indonesia. The city officially ...

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### Key Facts about Indonesia's Energy Storage System

Jun 25, 2025 · The Battery Energy Storage System will also be applied to all power plants under the PLN group. Subsidiaries ...

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Indonesia , Mitsubishi Power Asia Pacific Pte. Ltd.

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### The largest energy storage power station in Surabaya Indonesia

The Upper Cisokan Pumped Storage (UCPS) Hydroelectric Power Plant (PLTA) development project is claimed to be the largest hydropower plant and the first power plant using Pumped ...

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### Surabaya Designated as Model City for ...

Apr 19, 2025 · Surabaya, Indonesia Sentinel -- Surabaya, the capital of East Java, has been selected as a pilot city for energy transition and efficiency ...

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### Surabaya chosen as pilot city for Indonesia-Germany sustainable energy

Apr 17, 2025 · The Ministry of Energy and Mineral Resources (ESDM) has revealed that Surabaya City, East Java is a pilot area for the Sustainable Energy Transition in Indonesia ...

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### Key Facts about Indonesia's Energy Storage System

Jun 25, 2025 · The Battery Energy Storage System will also be applied to all power plants under the PLN group. Subsidiaries of PLN involved in the Battery Energy Storage System project ...

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### Surabaya, Indonesia , Benowo Waste-to-energy Power Plant

Jan 3, 2022 · Surabaya, East Java With more than 270 million people in 2021, Indonesia is one



of the most populated developing countries in the world. Almost half of the population lives in ...

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Surabaya chosen as pilot city for Indonesia ...

Apr 17, 2025 · The Ministry of Energy and Mineral Resources (ESDM) has revealed that Surabaya City, East Java is a pilot area for the Sustainable ...

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Power in Indonesia

Dec 13, 2016 · Overview of Indonesia's Power Sector 1.1 Demand for and supply for power in Indonesia 1.2 Sources of energy 1.3 Electricity tariffs 1.4 Transmission and distribution ("T& D") ...

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Surabaya Turns Trash into Power, Captures ...

Jan 11, 2025 · Surabaya, Indonesia Sentinel -- The city of Surabaya has become a model for innovative waste management, drawing the attention ...

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Surabaya Turns Trash into Power, Captures National Attention

Jan 11, 2025 · Surabaya, Indonesia Sentinel -- The city of Surabaya has become a model for innovative waste management, drawing the attention of Indonesia's central government. Every ...

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Eight Years of Clean Energy: Surabaya's ...

Jan 21, 2025 · Over the past eight years, the Benowo facility has supplied an impressive 122.04 GWh of clean energy to East Java's power grid. ...

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**SURABAYA DESIGNATED AS MODEL CITY FOR ENERGY TRANSITION IN INDONESIA**

San Salvador containerized energy storage company We innovate with solar photovoltaic plant design, engineering, supply and construction services, contributing to the diversification of the ...

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Surabaya, Indonesia , Benowo Waste-to ...

Jan 3, 2022 · Surabaya, East Java With more than 270 million people in 2021, Indonesia is one of the most populated developing countries in the ...

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How to build a power operation from scratch

Oct 21, 2025 · Teambuilding: The employees at the new dual-fuel power plant in Sumbawa, Indonesia, attend an ongoing training program at the ...

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Surabaya Waste-to-Energy Power Plant

Energy Surabaya Waste-to-Energy Power Plant Benowo, Surabaya City, East Java, Indonesia Description The first garbage power plant in Indonesia that covers 37 hectares (91 acres), this ...

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Indonesian Technology Catalogue 2024

Jul 24, 2024 · The technology catalogue will assist the long-term energy modelling in Indonesia



and support government institutions, private energy companies, think tanks and others in ...

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#### Eight Years of Clean Energy: Surabaya's Benowo Waste-to-Energy Plant

Jan 21, 2025 · Over the past eight years, the Benowo facility has supplied an impressive 122.04 GWh of clean energy to East Java's power grid. General Manager of PT PLN (Persero) Unit ...

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#### Indonesia's Solar Power Export Plan to ...

Feb 21, 2025 · A significant step in Indonesia's renewable energy ambitions took shape with the launch of a new manufacturing plant in Batam, ...

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