

European Solar and Energy Storage Solutions

Energy toolbase Indonesia



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Chula Vista Hard Kombucha Manufacturer Deploys Energy Toolbase...

Energy Toolbase and HES Solar collaborated to deploy ETB Controller with Acumen AI, utilizing a dynamic economic dispatch controls strategy. The project features a 4163 kW DC photovoltaic array paired with a 60kW/258kWh BYD CHSS battery, which is customized to align with the facility's specific load profile. Through Acumen AI's dynamic economic ...



Energy Toolbase Partners with Yotta Energy

Energy Toolbase is an industry-leading software platform that provides a cohesive suite of project estimating, storage control, and asset monitoring products that enable solar and storage developers to deploy projects more efficiently. Energy Toolbase's SaaS products are used by over 1,500 distributed energy organizations worldwide.



How is the ETB Lifetime Cost of Energy (LCOE)

Our LCOE is calculated by finding the sum of all the positive cash flows (energy savings, incentives, positive tax effects) minus all the negative cash flows (project costs, O&M, financing costs, negative tax effects), divided by the total amount of kWh energy produced over the user-specified life of the project.

Storage Capacity Optimizer - Energy Toolbase

Variables the 'Storage Capacity Optimizer' references: Energy Toolbase runs each ESS simulation independently, referencing the following variables: Energy Use Profile: usage data & metering specifications. Control Settings Info: selected control strategies (i.e., Peak Demand Shaving) and any restrictions (i.e., ESS Charge from PV only). Utility rate schedules: both ...



INDONESIA ENERGY SECTOR ASSESSMENT, STRATEGY, ...

Energy is crucial to Indonesia's economy, and sustainable and equitable development of the sector is key to growth of the country. Indonesia is rich in commodity resources, particularly coal, natural gas, metals, and other mining and agricultural products. In 2019, the country produced 616 million tons of coal, 2.8 million standard cubic

Overview

Energy Toolbase has a standardized user interface across the entire rates database that makes it intuitive for users to breakdown the charge by charge types and attributes of a specific utility rate. There are two ways for you to create your own utility rate schedules. Copy an existing rate schedule; Create one from scratch



Energy Toolbase Unveils Energy Management System Rebrand: ...



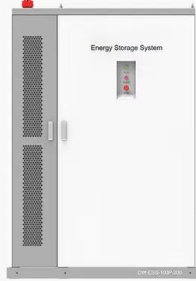
 LFP 280Ah C&I

Spotlight on Indonesia's Energy Transition - COP29 to Net Zero ...

Indonesia's state-owned monopoly PLN's ambitions to reduce its coal consumption rely heavily on natural gas as a transition fuel (for approximately 75% of its energy needs in the near term) coupled with an increasing volume of renewable energy power generation over a ...

Energy Toolbase is backed by its parent company, Pason Systems, a leading global provider of data management systems and controls automation software for the energy industry. With a global footprint and 40-year track record, Pason enjoys one of the strongest balance sheets in the industry and trades on the Toronto Stock Exchange under the

PRODUCT INFORMATION



- BATTERY CAPACITY**
50kWh-500kWh
- DC VOLTAGE RANGE**
400V-1000V
- DEGREE OF PROTECTION**
IP54
- OPERATING TEMPERATURE RANGE**
-10-50°C



- Voltage range**
636V-876V
- Rated voltage**
768V
- Cell type**
Lithium iron phosphate

Indonesia

Indonesia, as the largest energy consumer in South-East Asia 84 and a source of rising energy demand, holds the key to effective energy transition in the region and ranks 55 out of 120 countries on the ETI 2023. The country has improved its ETI score by almost 14% since 2014, with the biggest improvement in transition readiness (55%), supported

Executive summary - Enhancing Indonesia's Power System

The role that increased interconnection among Indonesia's main islands could play in the long term is addressed in IEA's upcoming Energy

Sector Roadmap to Net Zero Emissions in Indonesia. A key barrier to accommodating variable renewables in the Indonesian power system is contractual inflexibility.



ETB Analytics

Tables & Graphs of 'ETB Analytics':. Monthly Electricity Costs: displays a 12-month summary table of electricity costs. You can select which rate schedule option, as well as several other values to display. Demand Profile Visualization: an interactive charting environment that allows users to visualize and interact with their customer's interval data, including usage data, solar ...

Modeling your Project with California's DSGS Program

You can learn more by checking out our blog posts: Model Demand Side Grid Support with DSGS and Energy Toolbase Enables Users to Co-optimize Grid Services and Utility Bill Savings! 30-year Cashflow Duration. ETB's "DSGS & Grid Services" cashflow stream is modeled over a ...



Indonesia: Energy Country Profile

Indonesia: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across



...

Indonesia's expansion of clean power can spur growth and equality

Indonesia's energy sector target to achieve carbon neutrality by 2060 is stipulated in the National Energy Policy (NEP), last updated ten years ago in 2014. The revised NEP, expected to be released this year, will reduce the renewable energy target from 23% by 2025 to between 17-19% in the energy mix.



Indonesia

In 2022, Indonesia relied on fossil fuels for 80% of its electricity. Its emissions per capita were below the global average. Indonesia's largest source of clean electricity is hydro (8%). Its share of wind and solar (0.2%) is below the global average (13%) and its neighbours the Philippines (4% in 2023) and Thailand (5% in 2023).

Executive summary - Enhancing Indonesia's Power

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ETB Monitoring: Standard Hardware Kit

Energy Toolbase, Inc. prescribes a standard CT wiring convention at the eGauge terminal block. This will enable an efficient and streamlined commissioning process. For a clean wiring convention, phases A, B, and C should correspond to sequentially increasing terminal connections on the eGauge unit (e.g. A=1, B=2, C=3). Following this specific

Energy Storage Systems

Our Storage Capacity Optimizer provides you with a great deal of information on the value proposition of Energy Storage. It helps determine which battery is the best to include in a given proposal. The Storage Capacity Optimizer can run in 2 modes:



IETO 2025: Status and Progress of Indonesia's Energy Transition

Jakarta, December 5, 2024 - The progress of Indonesia's energy transition throughout 2024 has stalled. The government's move to revise the National Energy Policy has actually lowered the



target for achieving renewable energy from 23% to 17-19 percent in 2025. Indonesia's energy transition status has not moved from the consolidation stage.

Energy Toolbase , Solar & Storage Deployed Simply

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Careers

Energy Toolbase is where you can get in on something big. We're fast-growing and continue to add to our team as we expand our product offerings throughout the solar + storage market and beyond. We just surpassed 75 employees and counting. The industry is growing rapidly, and we want people to help us continue to grow with it.



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Get Started Modeling Energy Storage! - Energy Toolbase

Modeling energy storage is complex, but we're here to help. We know many developers are trying to understand the best practices of modeling projects, how to tell storage, and its benefits for customers. At Energy Toolbase, we are experts in helping you navigate this new technology and analyzing it in ETB Developer.

Indonesia Energy Transition Outlook

Complementing IRENA's global (World Energy Transitions Outlook) and regional renewable energy outlooks (such as the Renewable Energy Outlook for ASEAN), this country-level Indonesia Energy Transition Outlook draws from IRENA's Renewable Readiness Assessment, Renewable Energy Roadmap toolkit (REmap) and Power System Flexibility ...



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