

Solar Energy South Africa

Energy toolbase French Guiana



Overview

How much energy does French Guiana use?

Electricity grid in French Guiana In 2014, the external supply represented around 80% of the total primary energy consumption (235 ktep). Transport and electricity were the most intensive sectors regarding the total primary and final energy consumption (222 ktep) in 2014 .

What is French Guiana doing to improve energy access?

Reflecting France's international climate (compared to 1990) in 2030. Another important planning (Programmation pluriannuelle de l'énergie, PPE) . the security of supply. French Guiana has its own pluriannual energy programming. deployment to improve energy access.

Does French Guiana have a role in the National Energy Transition?

French Guiana as a French overseas territory can play a fundamental role in the national energy transition. Even though, it is already well positioned regarding the share of renewable energy in the final energy consumption, its dependence on fossil fuels remains a problematic.

Does French Guiana have a pluriannual energy program?

As Guadeloupe, Martinique, Reunion and Mayotte, French Guiana has its own pluriannual energy programming. With an objective of energy autonomy set on the 2030 horizon, they have to accelerate the large-scale clean energy deployment to improve energy access.

Is French Guiana a country based on fossil fuels?

French Guiana as a French overseas territory is heavily dependent on imported fossil fuels. It is a two-tier society where there is a large gap between the coastal and the inland areas concerning energy access. Compared to the coastline, the household electrification rate in the rural areas remains lower.

Does French Guiana have a lack of energy?

The lack of access to energy in the inland areas is a key issue at the heart of French Guiana's pluriannual energy programming. With an electrification rate of dwellings four times lower than the regional average , the energy precariousness, if no further action is taken, should worsen.

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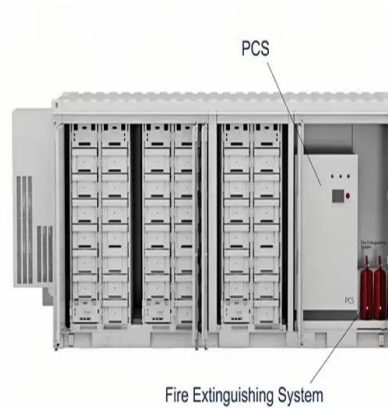
[Setting up a Multi-Meter Proposal](#)

Under each Meter, create a unique Energy Use Profile(s), which contains the usage data and utility rate schedule for that specific meter. This data structure design will accommodate any scenario or configuration of a multi-meter proposal.



Blog

Energy Toolbase has announced that Solesca, a leading solar design solution, has joined the ETB Developer platform for design services. Read More Lindsey Paulk November 6, 2024 Energy Storage. Exploring the Self-Generation Incentive Program (SGIP) for Battery Storage



Our Company

Energy Toolbase is backed by Pason Systems, a leading global provider of data management systems and controls automation software for the energy industry. Pason's product portfolio enables customers to collect, manage, and analyze data in order to optimize the performance of their operations. With a global footprint and 40-year track record

[ETB Controller](#)

ETB Controller, powered by Acumen AI combines behind-the-meter value stream optimization with grid-services participation to generate the

highest revenues from your assets including: Demand Charge Management, Time-of-Use Arbitrage, PV Self-Consumption, Demand Response, and Wholesale Market Participation.



What documents should I upload for my Consulting Request?

It's crucial to upload these as well, as they allow us to accurately account for generation costs from your energy retailer. Interval Data. 15, 30, or 60-Minute Interval Data: Interval data helps us analyze your energy consumption patterns. If available, upload your interval data in 15, 30, or 60-minute formats.

How do I model a multi-metered proposal? - Energy Toolbase

Energy Toolbase is equipped to model multi-metered proposals. Users can have multiple meters within a lead. When you get to the 'Edit Proposal' screen, you will be able to select which meter you'd like to include in your proposal. You can include an unlimited number of meters. The help center has a section that will help guide you through this



[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

ETB Sheets

ETB Sheets is a new Custom Reference Variable input type in Energy Toolbase that can be used in both Transactions and Incentives. This input type has spreadsheet capabilities that allow you to use reference variables and can perform simple or complex calculations. ETB Sheet Guide.

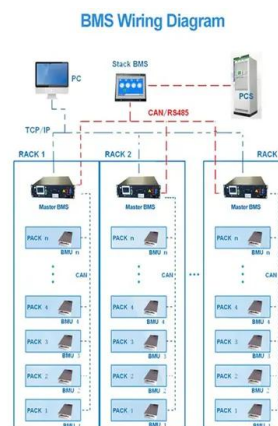


How is the ETB Lifetime Cost of Energy (LCOE)

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.

Demand Profile Visualization - Energy Toolbase

The 'Demand Profile Visualization' module is accessible by clicking into the graph seen in the middle of the analytics window. It is an interactive charting environment that allows users to visualize their customer's interval data, including usage data, solar PV production data, EES charge/discharge data, and net usage data.



Users can select a monthly data range by clicking ...

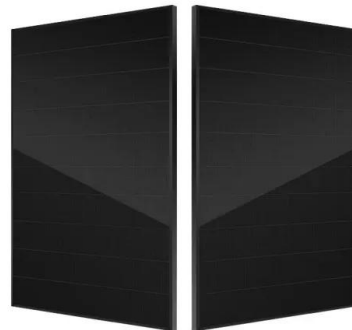


Energy Toolbase and Sunshine Deploy Storage System in Costa ...

(Energy Toolbase, 5.Jan.2023) -- Energy Toolbase has deployed its Acumen EMS(TM) controls software on an energy storage system with Sunshine, a Costa Rica-based solar development company. Sunshine installed the BYD Chess unit integrated with Acumen EMS for Laboratorios Calox, a pharmaceutical facility in San José, Costa Rica. This commercial project is Energy ...

How do I download proposal data? - Energy Toolbase

To download proposal data, click the blue download button on the top right of the General Information portlet on the 'Edit Proposal' page. This will bring you to the 'Download Proposal Data' modal, where you can download all of your proposal data or specify the interval data type you would like to download.



[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:

[Storage Capacity Optimizer](#)

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

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Energy Toolbase integrates Stem's AI storage platform into its ...

According to Wood Mackenzie Power & Renewables' U.S. Energy Storage Monitor, total energy storage deployments will grow from 311 megawatts (MWs) in 2018 to 4,447 MW in 2024, more than doubling each year. The Energy Toolbase software platform specializes in the sales and analysis of solar and energy storage projects.

PV Systems

PVWatts Simulation: this is a free service that comes with your Energy Toolbase subscription. From here, you can build either a "simple" or "detailed" PV array using NREL PVWatts API v8. TMY Station: select a TMY (typical meteorological year) weather station. We default/recommended the closest station to the Facility location provided.



[French Guiana: Energy Country Profile](#)

French Guiana: Energy intensity: how much energy does it use per unit of GDP? Click to open interactive version. Energy is a large contributor



to CO₂ - the burning of fossil fuels accounts for around three-quarters of global greenhouse gas emissions. So, reducing energy consumption can inevitably help to reduce emissions.

Contact Us

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<https://www.ian-solar.co.za>