



# American Samoa behind the meter solutions

What are behind-the-Meter (BTM) energy solutions?

Behind-the-meter energy solutions refer to energy generation, storage, and management systems located on the consumer's side of the utility meter.

What is a behind the meter system?

Energy that a facility receives from behind-the-meter solutions bypasses the electric meter, hence "behind the meter." They differ from front-of-the-meter systems in many ways, including who typically owns the systems, where they are installed, and the size of the systems installed. What are examples of behind-the-meter solutions?

What are the benefits of using behind the meter resources?

A major advantage of behind-the-meter resources is their ability to reduce energy and demand costs on electricity bills. By optimizing energy use from solar panels and batteries, organizations can minimize the amount of energy they draw from the grid during peak demand times and shift energy usage from high-priced to low-priced hours.

Are behind-the-meter solutions a good fit for your business?

Behind-the-meter solutions, or DERs, can be an especially good fit for organizations that want to reduce their energy costs, improve energy resilience, and reduce their carbon footprint. However, the specific benefits and costs will depend on a few factors, including the facility's energy usage, location, and complexity of the project.

Why do we need behind-the-meter energy resources?

Behind-the-meter resources can also provide energy consumers with greater energy independence and resilience, as they are able to generate power on-site and can continue to operate even during grid outages.

Who is a good candidate for a behind-the-meter solution?

Industries that have high energy costs (by usage or high tariffs) are good candidates for behind-the-meter solutions. This includes industries like commercial real estate, industrial manufacturing, data centers, and governments and schools.

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Blue Pillar's ENaaS offering eliminates operational deployment and maintenance concerns and delivers all hardware, installation, and configuration required to ...

Generally, most Behind-the-Meter (BTM) Distributed Energy Resources (DER) are controlled by Demand



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Response Management Systems (DRMS).

The American Samoa Power Authority invites proposals from qualified proponents interested in providing SMART METERING and Operation Management Systems. This project is federally funded.

Behind-the-meter energy solutions refer to energy generation, storage, and management systems located on the consumer's side of the utility meter. These systems directly impact the energy consumption and costs of the end-user, typically involving renewable energy sources like solar panels, energy storage units such as batteries, and energy ...

Among these, Front of the Meter (FTM), Behind the Meter (BTM), and Community Solar (CS) represent three distinct approaches to solar energy generation and consumption. Understanding their differences can help individuals, families, and businesses make informed decisions about how to best integrate solar energy into their lives.

Blue Pillar's ENaaS offering eliminates operational deployment and maintenance concerns and delivers all hardware, installation, and configuration required to keep the network alive. Behind-the-meter data and control is accessible through an open application program interface (API) that dramatically reduces development time and costs.

This prize aims to showcase the central role played by ESS for integrating behind the meter technologies and maximizing overall value of these assets for consumers. Behind-the-meter (BTM) grid edge technologies refer to energy solutions that are located on the consumer's side of the electricity meter, enabling end-users to manage and optimize ...

This prize will highlight grid-edge technology solutions around ESS that enable different technologies to integrate and operate together, contributing to a more resilient, efficient, and ...

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