

SolarInnovate Energy Solutions

The latest behind-the-meter energy storage project in Podgorica



Overview

What is behind the meter storage?

As discussed earlier, behind the meter (BTM) refers to the electrical system on the consumer side of the power meter. Energy storage solutions in BTM applications have been used for many years as a standby power source in the case of power loss. Historically, lead-based batteries were the battery of choice.

How can a grid-tied PV system reduce electricity costs in Croatia?

The optimized hydrogen system reduced the amount of energy purchased from the grid, resulting in a 9.6% reduction in daily costs of electricity supply. Optimizing the size of a grid-tied PV system to maximize the net present value of the BTM project and minimize the electricity costs for Croatian households.

What is behind the meter?

by reducing strain on the grid. What Is “Behind the Meter”?

Two terms that are often used when discussing energy storage are “Front of the Meter (FTM)” and “Behind the Meter (BTM).” To better understand the meaning of these terms, we need to envision the meter on the side of a home.

Why are energy storage systems important?

Energy storage systems (ESSs) can help make the most of the opportunities and mitigate the potential challenges. Hence, the installed capacity of ESSs is rapidly increasing, both in front-of-the-meter and behind-the-meter (BTM), accelerated by recent deep reductions in ESS costs.

What is gross metering?

At the end of a billing period, users are billed given their import from the grid minus the energy exported to the grid, which is generally measured by a

smart meter. With a relatively similar structure, Gross metering is defined in which prosumers' energy import and export are measured by two separate power meters .

How does energy storage work?

In the case of wind and solar, excess generation can be sent through your meter and to the grid for credit on your electricity bill (known as net metering). Energy storage systems on your property are also behind-the-meter systems.

The latest behind-the-meter energy storage project in Podgorica



A review of behind-the-meter energy storage systems in ...

Aug 1, 2022 · Energy storage systems (ESSs) can help make the most of the opportunities and mitigate the potential challenges. Hence, the installed capacity of ESSs is rapidly increasing, ...

The economics of behind-the-meter battery storage. Part 1:

...

Jan 28, 2025 · The economics of behind-the-meter battery storage. Part 1: Reducing your energy bill What are behind-the-meter commercial & industrial (C& I) batteries? We're talking about ...



The first agreement to connect a solar park to Montenegro's ...

Jun 9, 2023 · An important milestone was reached in Podgorica as the first agreement was signed to connect a massive 385 MW solar park, estimated at a value of approximately 300 million ...

Behind-the-Meter Storage Analysis , Transportation and

...

Apr 3, 2025 · Behind-the-Meter Storage Analysis NREL's behind-the-meter storage (BTMS) analysis helps identify opportunities to minimize the grid impacts of electrification by integrating

...



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://institut3i.fr>