



ETB Controller

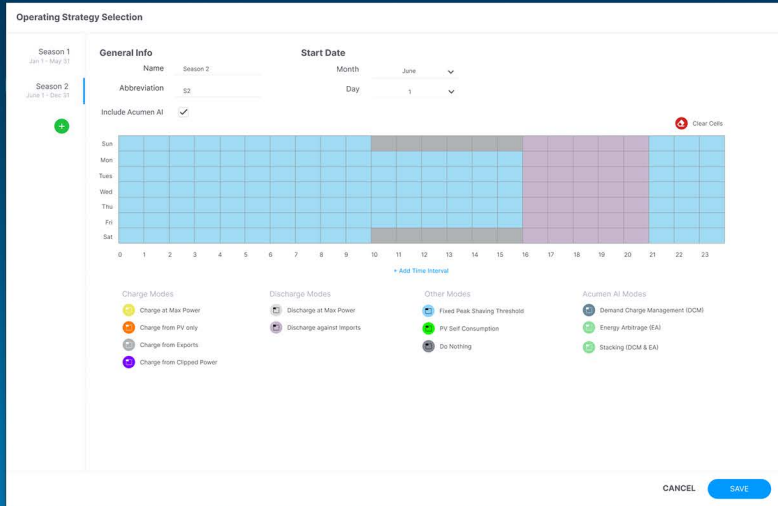
with Acumen AI™

**MAXIMIZE THE VALUE OF YOUR
STORAGE ASSETS**

The ETB Controller energy management system enables the simple deployment of energy storage, while Acumen AI enhances optimization and delivers unparalleled project economics.

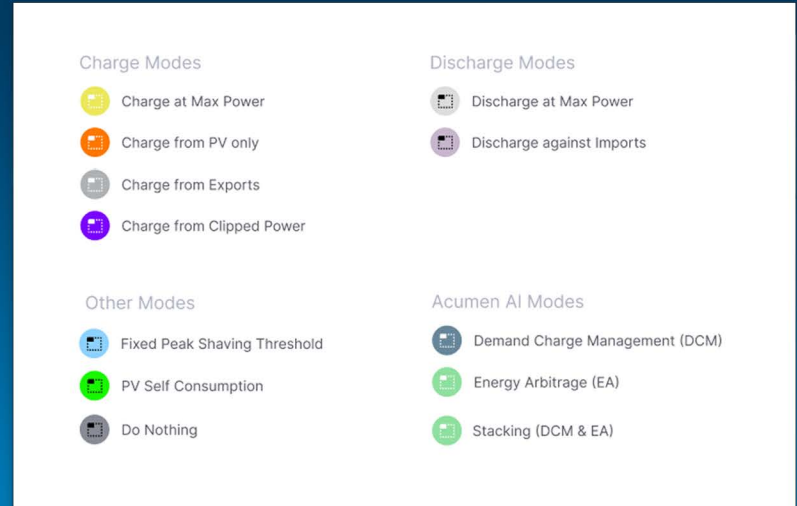


MANAGE YOUR ASSETS WITH ETB CONTROLLER



The screenshot shows the 'Operating Strategy Selection' interface. It includes a sidebar for selecting 'Season 1' (Jan 1 - May 31) or 'Season 2' (June 1 - Dec 31). The 'General Info' section has fields for 'Name', 'Abbreviation' (set to 'S2'), and 'Start Date' (Month: June, Day: 1). There is a checkbox for 'Include Acumen AI' which is checked. A calendar grid shows days of the week (Sun-Sat) and a 24-hour time scale (0-23). A red 'Clear Data' button is in the top right. Below the calendar, there are four columns of mode selection buttons: 'Charge Modes' (Max Power, PV only, Exports, Clipped Power), 'Discharge Modes' (Max Power, against Imports), 'Other Modes' (Fixed Peak Shaving Threshold, PV Self Consumption, Do Nothing), and 'Acumen AI Modes' (Demand Charge Management (DCM), Energy Arbitrage (EA), Stacking (DCM & EA)). At the bottom are 'CANCEL' and 'SAVE' buttons.

Figure 1: Select your Season, Charge, and Discharge Modes.



The screenshot shows the 'Operating Modes' interface, which is a grid of mode selection buttons. It is organized into four columns: 'Charge Modes' (Max Power, PV only, Exports, Clipped Power), 'Discharge Modes' (Max Power, against Imports), 'Other Modes' (Fixed Peak Shaving Threshold, PV Self Consumption, Do Nothing), and 'Acumen AI Modes' (Demand Charge Management (DCM), Energy Arbitrage (EA), Stacking (DCM & EA)).

Figure 2: Prescribe events on your own with Operating Modes.

✓ **ONE-STOP-SHOP**
Energy Toolbase enables modeling, purchasing, procuring, commissioning, and monitoring for your energy storage systems.

✓ **PROVEN TRACK RECORD**
ETB Controller has a history of successful deployments and is a dependable brand for your projects.

✓ **FLEXIBLE**
Choose BESS hardware from a wide range of integrated Tier 1 energy storage partners that best suits your site's configuration.

✓ **TRANSPARENT CONTROLS**
Take direct control of several aspects of your storage assets using Operating Schedules.

✓ **STANDARDIZED**
ETB Controller is designed to support all of the widely recognized industry-standard communication protocols.

✓ **ETB MONITOR**
ETB Controller comes with a robust monitoring system for complete transparency into asset performance.

OPTIMIZE YOUR STORAGE SYSTEM WITH ACUMEN AI™

► OPTIMIZED

Receive maximal economic benefit from a variety of value streams that target electric bill savings and grid services revenues.

► FORWARD-LOOKING

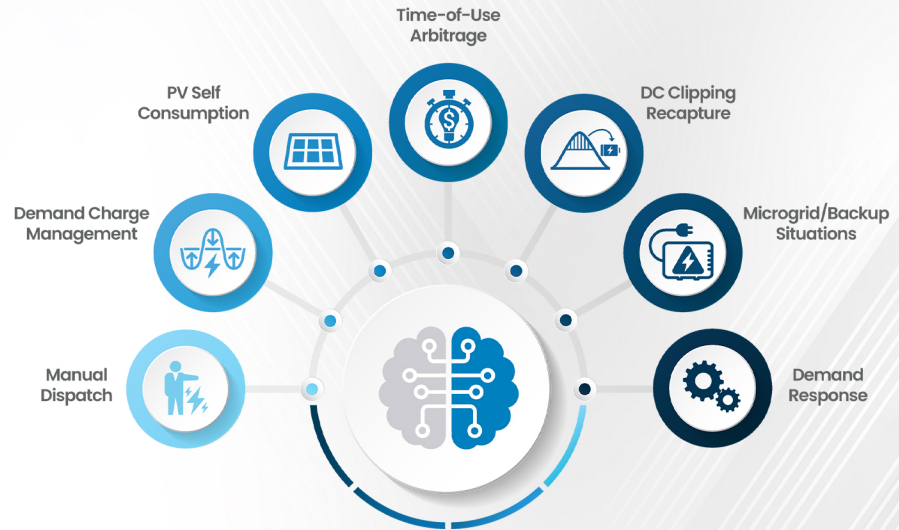
Participate in emerging economic opportunities with optimized battery controls.

► COMPLIANCE

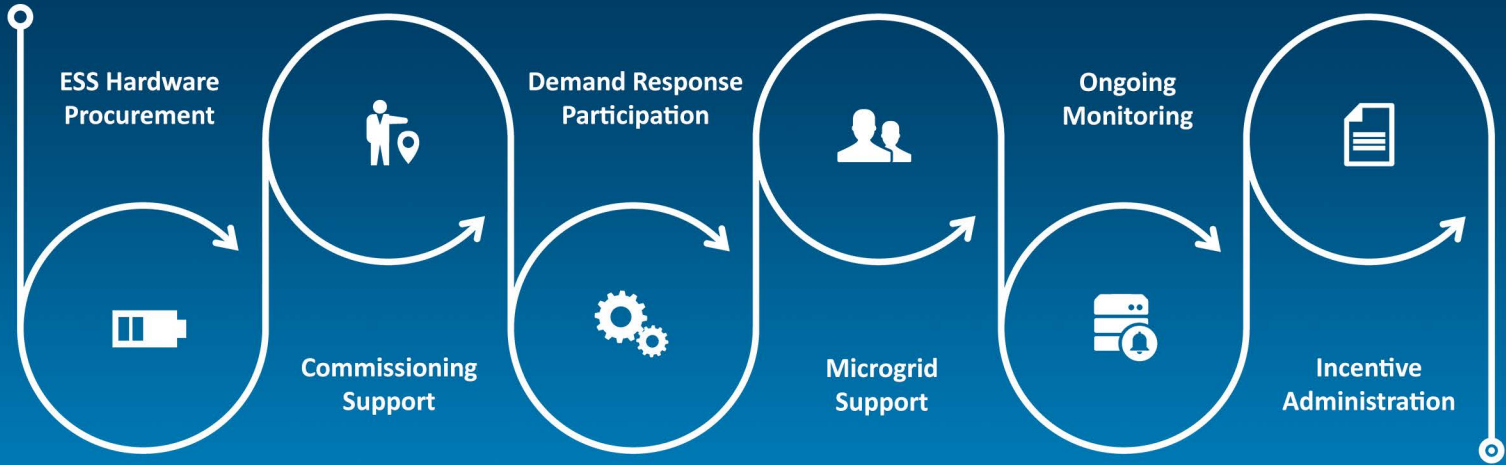
Operations compliant with OEM warranty and incentive programs (e.g., ITC, SGIP).

► ADAPTABLE

Acumen AI adapts to changes in site load, rate schedules, and value opportunities without user input by continuously generating a new optimal plan.



DOMAIN EXPERTS AT YOUR SERVICE



✓ TECHNICAL PROFICIENCY

Domain experts with deep technical knowledge of solar photovoltaic systems, energy storage technologies, and grid integration methods.

✓ FINANCIAL ACUMEN

We can help you understand the financial aspects of solar and storage projects including cost analysis, ROI calculations, and much more.

✓ REGULATORY AWARENESS

We are well-versed in regulatory frameworks governing energy markets, utility rates, and policies that impact renewable energy.

✓ MARKET INSIGHT

Get insights about market trends, emerging technologies, and industry innovations.

ETB MONITOR

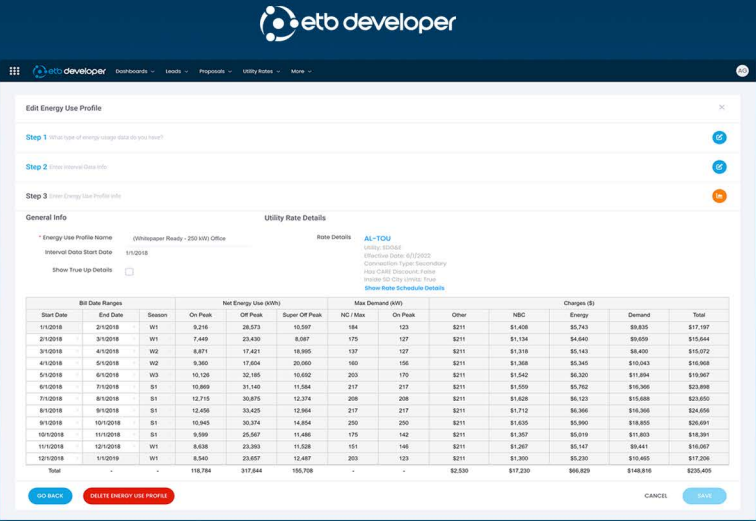


Figure 1: Visualize the projected breakdown of utility charges and savings during the sales and modeling process.

SAVINGS SIMPLIFIED

Transparent breakdown of utility bill costs and savings by charge type, before and after the impact of solar and storage.

DEMAND RESPONSE

Full control to schedule the dispatch of your storage assets and group them into virtual power plants for scalability.

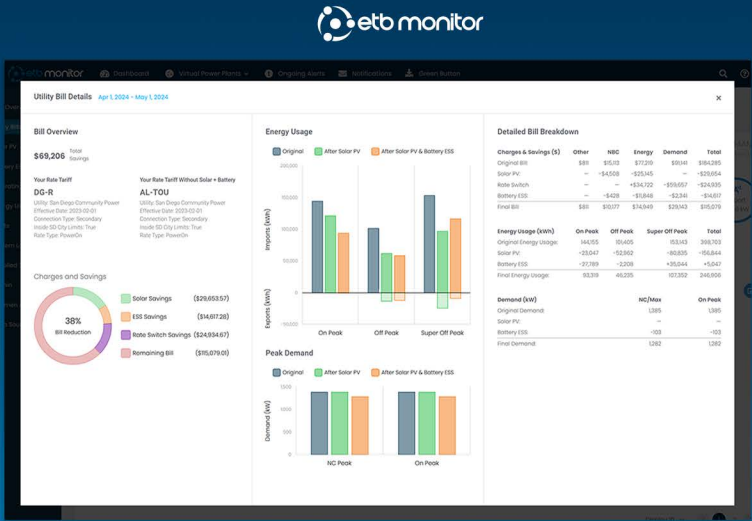


Figure 2: View a transparent breakdown of avoided costs for your operational systems in the field for each billing period.

ANALYTICS & VISUALIZATION

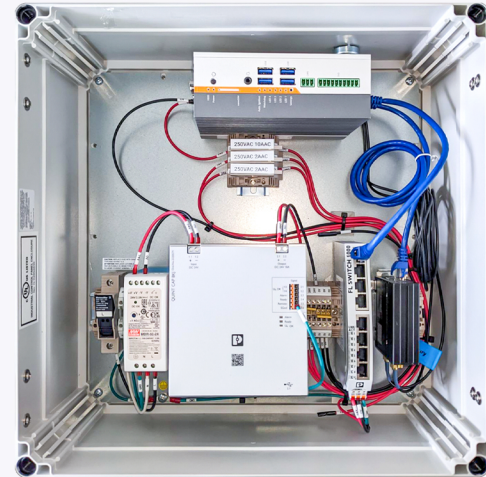
View site, solar, and storage interval meter data using easy-to-read charts and graphs.

SEAMLESS INTEGRATION

Easily toggle between applications to compare your system savings, solar generation, energy usage, and rate schedule against the original proposal.

HARDWARE CONFIGURATIONS

Our turnkey, fully wired enclosure houses all necessary hardware components in a single unit, ensuring a streamlined installation and commissioning process. Each enclosure is pre-configured for your specific project and application.



ETB Control Center: *Sophisticated technology in a compact and easy-to-install enclosure.*

THE ETB DIFFERENCE



The Only End-to-End Software Solution

There has never been a solution on the market that lets developers and project managers model, control, and monitor their projects entirely from one platform, with one company. Our solution empowers developers to efficiently model and deploy more projects.

Industry-Leading Customer Service & Support

Our team provides personalized training and support to tailor our products to fit your needs. We also provide access to our expert rates team, proposal auditing, performance reviews, and more. You will be fully supported by our team, from modeling, to commissioning, and beyond.

Gold Standard Electric Bill & Savings Analysis

We are widely considered the market leader for utility rate and avoided cost analysis of solar and energy storage projects, translating through every step of your project. Easily track your actual savings versus your original modeled proposal.



Learn More About Our Products:

www.energytoolbase.com

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