AiTHER SYSTEMS

AiTHER EMS

One cloud platform to monitor, manage, and monetize a battery storage fleet.

Operating a distributed battery fleet comes down to three jobs: see everything happening across every site, act fast when something needs attention, and prove the financial value the system delivers. The AiTHER EMS, built on a platform with utility-grade metering and billing roots, handles all three from one cloud platform.

See everything

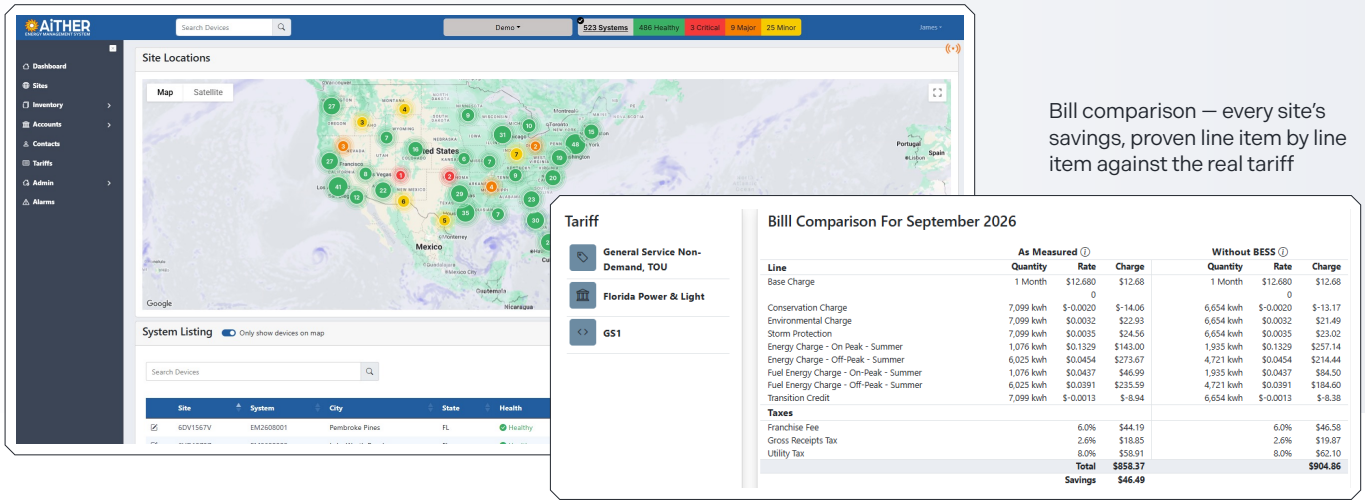
Live telemetry from the whole fleet down to individual battery cells, with drill-down by location, status, and alarm.

Act fast

Tiered alarming routes each issue to the right person and opens a NOC ticket. Dispatch energy remotely with one click.

Prove the value

A utility-grade billing engine compares every site's bill with and without the BESS to show the savings it delivered.



Bill comparison — every site's savings, proven line item by line item against the real tariff

Platform Capabilities

Fleet & Site Dashboards	Map-based fleet view down to per-site health, status, and hourly/daily/monthly trends
Equipment View	Photo-realistic, tabular, and one-line diagram views, down to individual battery cells
Smart Alarming	Buffered, tiered-escalation alarms with SMS/email subscriptions and automatic NOC tickets
Billing & Financial	Utility-grade tariff library, rate rules engine, and shadow billing to prove BESS ROI
Remote Control	Remote runtime parameters, operating schedules, and on-demand dispatch
Fleet Management	Asset tracking, remote configuration, firmware tracking, and site documents
Security	Federated SSO, encryption throughout, private VPNs, hardware keys, full audit trail
Scalability	Built for utility-scale AMR; scales out and up with indefinite data retention
Communications	ANSI C12, BACnet, Modbus, MQTT (+ Sparkplug), SNMP, DNP3, REST API, SQL

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