EnergyTrak 1.5.3.1 Release Notes

EnergyTrak 1.5.3.1 is now live!

NEW FEATURES

New User Welcome Email

Newly created users will now receive a welcome email once their account has been created, providing a friendly greeting and better instruction to the user on getting started with EnergyTrak.

BUG FIXES

Single Inverter Commissioning Block

Resolved an issue that was preventing a small number of users from using EnergyTrak to commission installations with a single inverter.

KNOWN BUGS AND ISSUES

Zero Battery Commissioning Block

Users are not able to use EnergyTrak to commission installations that do not include at least one (1) SimpliPHI™ 4.9kWh Battery or one (1) AmpliPHI 3.8™ Battery.

- **IMPACTED INSTALLS:** Supported system configurations that are affected by this issue:
    - SimpliPHI 6kW Inverter with zero batteries
    - SimpliPHI 6kW Inverter with one (1) or more PHI batteries (non-communicating)

- **GOOD-TO-GO:** Supported system configurations that are *NOT* affected by this issue:
    - SimpliPHI 6kW Inverter with one (1) or more SimpliPHI 4.9kWh Battery
    - SimpliPHI 6kW Inverter with one (1) or more AmpliPHI 3.8 Battery

Incorrect System and Site Status

The system- and site-level statuses will at times show inaccurately based on the intended behavior of EnergyTrak. For reference, the site-level status "HEALTHY" is shown in *Figure 1* below.

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Incorrect Battery Serial Number

The EnergyTrak app currently displays the incorrect battery serial number for each battery in the system. This is shown during commissioning and on the battery dashboard screen.

Site Dashboard Telemetry Inaccuracy

Some of the telemetry values shown when viewing the site dashboard (shown in *Figure 1* below) will display incorrect values or are formatted incorrectly.

Figure 1: Screenshot of the Site Dashboard screen.

Incorrect Gateway Version

The gateway's firmware version shown on the gateway dashboard screen is incorrect (version 1.0.0 will be shown, as seen in *Figure 2* below) and does not represent the current version.
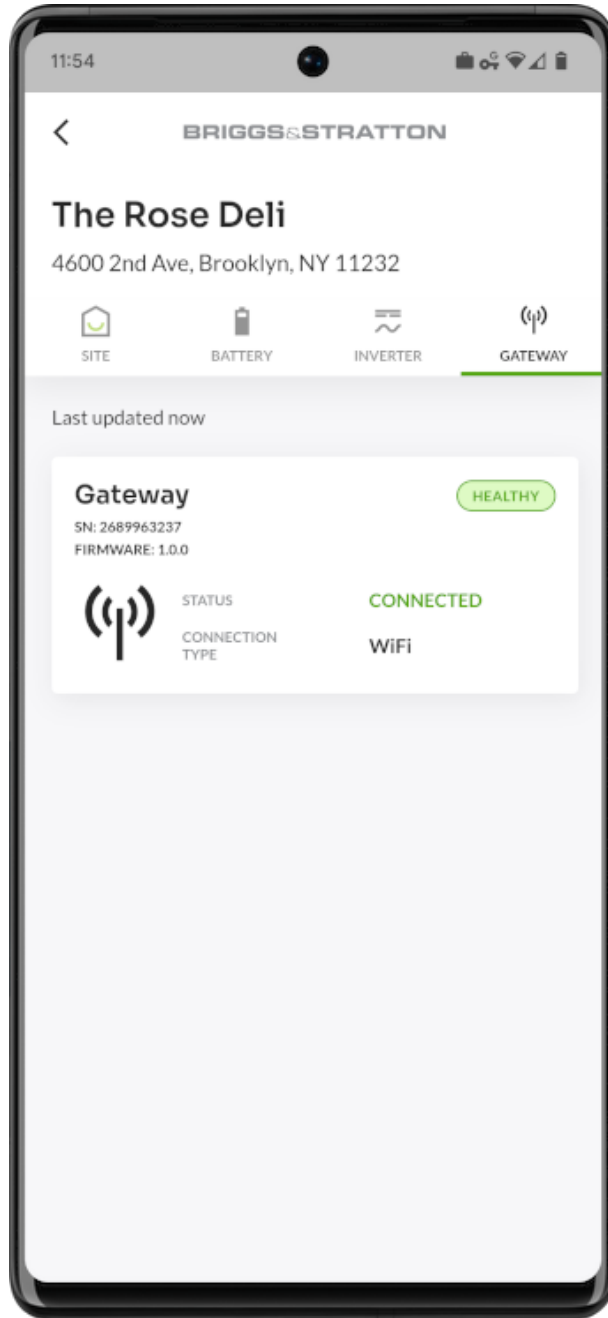

Figure 2: Screenshot of the Gateway Dashboard screen.

Upcoming Releases

Items in active development for an upcoming release.

NEW FEATURES

Dynamic Time-of-Use

Currently, users applying Grid-Tied Backup with Time-of-Use are able to define a single peak period that is the same every day of the week. This new feature will allow users to define a different peak period for each day of the week, including the ability to disable the peak period on specific days.

Health Status Detail Screen

A new Health Status Screen will provide users with additional information related to the system's current status, including a basic description of the status and detail on any active faults or warnings detected on a connected inverter or battery.

Show Gateway IP Address

The gateway's IP address will be displayed on the Gateway Dashboard screen, which can be helpful when networking the system or troubleshooting its operation.

Desktop Web App

The EnergyTrak app will be accessible from a desktop browser while providing most features, the same look and feel, and the same login credentials of the mobile app.

IMPROVEMENTS

Update Time and Time Zone

The gateway will provide improved implementation and management of the system's current time, time zone, and seasonal time changes.

System and Device Statuses

Improved logic of system statuses and how they affect the site status.

Email Notifications

Improved interface and feature set for managing email notifications.

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Solar Icon Display Logic

Improved logic for how the solar icon is shown on the site dashboard and how it is impacted by the solar power input.

WiFi Connection Setup

WiFi network connection setup will be moved to the beginning of the commissioning flow, which allows the system to establish an Internet connection prior to beginning SimpliPHI ESS commissioning.

Reserve Battery Level Logic

Users will be able to define two separate settings for battery reserve level: One for time-of-use periods and one for periods for when the grid is unavailable.

Parallel Inverter Support

Improvement to commissioning and telemetry in installations using two (2) or more SimpliPHI 6kW Inverters.

BUG FIXES

See the section above labeled [Known Bugs and Issues](#) for more information.

Zero Battery Commissioning Block Fix

Resolve issues with installations having zero batteries or using PHI batteries (non-communicating) not being able to be commissioned.

System and Site Statuses Fix

Resolve issues with inaccurate system- and site-level statuses.

Incorrect Battery Serial Number Fix

Resolve issues with the EnergyTrak app displaying the incorrect serial number.

Dashboard Telemetry Fix

Resolve issues with inaccurate telemetry values being shown on the site dashboard screen.

Incorrect Gateway Version Fix

Show the correct gateway firmware version on the gateway dashboard screen.

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