

# EnergyTrak 1.6.0.0 Release Notes

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***EnergyTrak 1.6.0.0 is now live!***

## VERSION INFORMATION

Release Date: January 3, 2023  
Gateway Software: 1.6.0.0  
Android Mobile App: 1.6.0 (249)  
iOS Mobile App: 1.6.0 (249)

## NEW FEATURES

### **Dynamic Time-of-Use**

When using the Grid-Tied Backup with Time-of-Use operating profile, users can now define a different peak period for each day of the week, including the ability to disable the peak period on specific days.

### **Health Status Screen**

An alert banner is now displayed on the dashboard when the system is in WARNING or CRITICAL status. Additionally, a new Health Status Screen can be accessed by clicking the banner or the health status badge on the dashboard. This screen provides 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 is displayed on the gateway's dashboard screen, which can be helpful when networking the system or troubleshooting its operation.

### **Forced Gateway Updating**

The EnergyTrak app will now require that a user update their gateway to version 1.6.0.0 prior to commissioning a new site. This version check happens immediately after connecting to the gateway over Bluetooth during the commissioning process, and information is provided to the user on what to do. Under normal operation, gateways will update automatically if they are powered and connected to the Internet.

# 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, including the ability of System Owner users to set up notifications.

## **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.

## **Internet Connection Info**

During WiFi setup, the user is now presented with additional information related to the Internet connection to assist with networking.

## **Reserve Battery Level Logic**

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

## **Inverter Source-of-Truth Logic**

The inverter's configuration can now be changed from the inverter's front panel, and EnergyTrak will adapt to and inherit this change. Previously, EnergyTrak would act as the source-of-truth for the inverter's configuration, overwriting settings that were changed from the front panel.

# BUG FIXES

## **Site Dashboard Telemetry Inaccuracy**

Fixed an issue which caused some of the telemetry values shown on the site dashboard to display incorrect values or to be formatted incorrectly.

## **Incorrect System and Site Statuses**

Fixed an issue which caused the system- and site-level statuses to, at times, show inaccurately based on the intended behavior of EnergyTrak.

## Incorrect Battery Serial Number

Fixed an issue which caused the EnergyTrak app to display the incorrect battery serial number for each battery in the system. This is shown during commissioning and on the battery dashboard screen.

## Incorrect Gateway Version

Fixed an issue which caused the gateway's version to show incorrectly on the gateway dashboard screen.

# KNOWN BUGS AND ISSUES

## Zero Battery Commissioning Bug

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

For systems that have already shipped and are waiting to be installed, it is recommended to wait to install the system when the update is ready with the appropriate bug fix (expected by January 21, 2023) and the gateway has been updated.

For systems that are installed before the update is ready, you can commission the ESS using the front panel of the inverter, but you will not be able to set up EnergyTrak. This will have to be done once the update is ready.

Contact Briggs & Stratton Technical Support for assistance with this issue prior to the bug fix being released. Contact information for our Tech Support teams is available in the EnergyTrak app from the Help screen.

## Battery Charge Performance Bug

There is a bug which reduces the charge rate of the SimpliPHI 4.9kWh Batteries (charge rate has been reduced from C/2.0 to C/2.5). This causes the batteries to charge at a slightly slower rate. This issue will be resolved in all systems through an over-the-air bug fix (expected by February 28, 2023).