



## Post-Install Acceptance SOP for BLUETTI ESS

### Important Notes:

- Before moving backup loads, confirm with the customer which circuits need to be backed up. Calculate the total backup load and ensure it does not exceed the system's rated output capacity.
- During the following acceptance steps, take photos of all key steps and upload them for verification and record-keeping.

### 1.Safety Checks (before commissioning):

- Verify all connections are properly torqued and tightened.
- Confirm correct CT orientation (arrows facing the correct direction).
- Ensure proper grounding and bonding.
- Check breaker sizing matches system requirements.

### 2.Complete system commissioning in the Bluetti App

- Configure WiFi.
- Enable Smart Meter (if installed in AC coupling solution).
- Perform firmware updates.
- Select the proper working mode to meet customer needs.

### 3.Verify power flow readings

- PV values must match the 3rd party inverter production when coupled.



- Grid readings must match the utility meter.

#### **4.Install Bluetti App on the customer' s phone**

- Educate the customer on how to read the power flow on the main page.
- Show them how to adjust working mode settings (e.g., TOU settings).

#### **5.Perform outage simulation**

- Turn off the main breaker.
- Verify with the customer that all critical loads remain powered.

#### **6.Photo documentation (photos of the following key steps are required for record-keeping):**

- Main panel breakers and wiring.
- Grid-side CT and PV-side CT (if applicable).
- Transfer switch sub-panel breakers and wiring.
- Smart meter wiring (if applicable).
- Inverter connections to grid and backup loads.

#### **7.Record serial numbers of all installed equipment (inverter, batteries, smart meter, etc.)**



## **8.Final confirmation**

- After completing all checks, contact Bluetti technical staff to perform a live video confirmation of the installation.

If any errors are found or if the system does not operate as expected, please call technical support before leaving the site:

- Shane Fye (925)448-0697

- Eric Yan (626)725-3372

**Return visits to complete repairs to the Bluetti system caused by improper or incomplete installation, and not by equipment failure, are the sole responsibility of the installing contractor. No additional payment should be required from the customer or Bluetti.**