TIBE Innovations PVT. LTD.
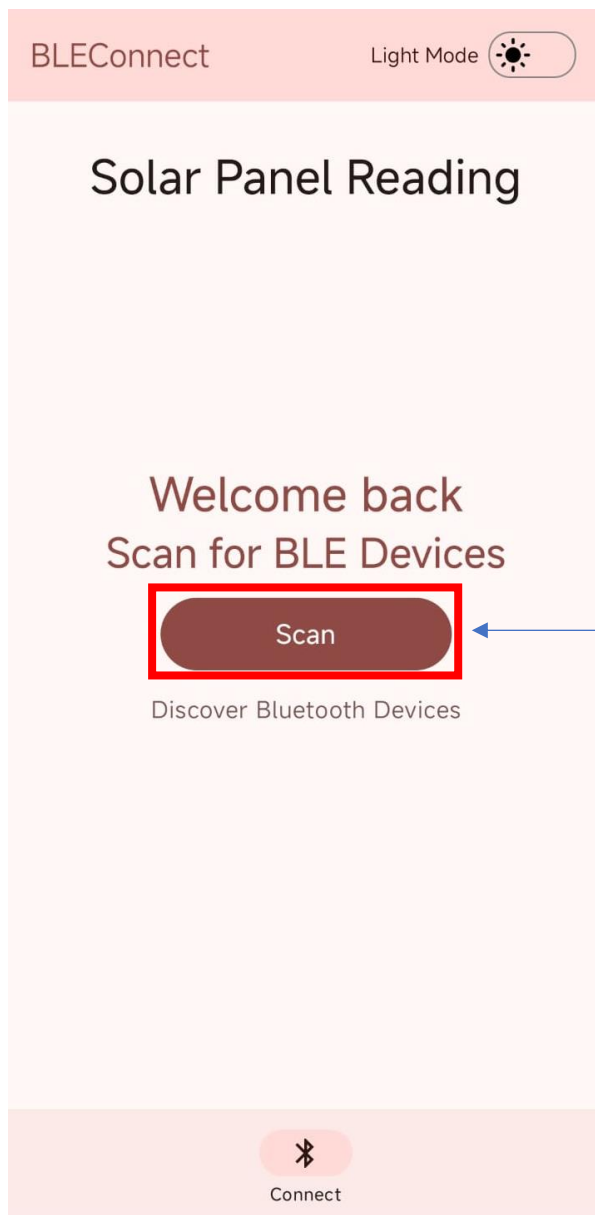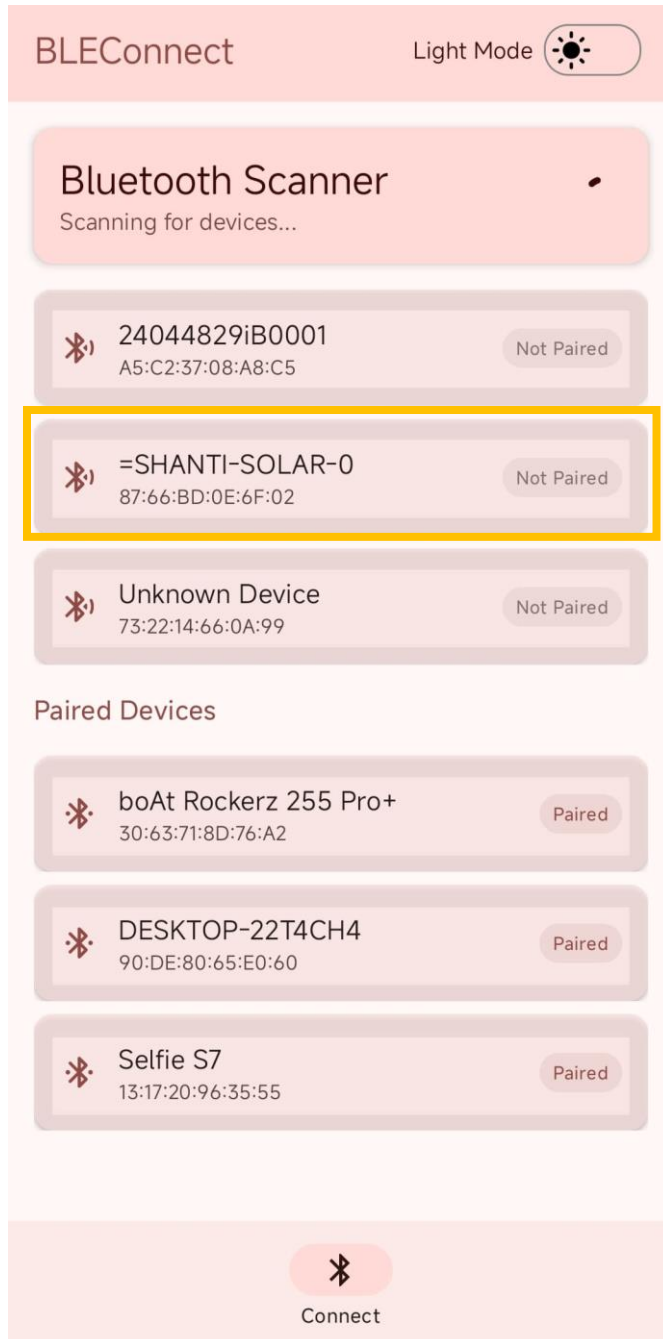
BLEConnect App

Steps to follow to use the BLEConnect App:

STEP 1: Open the BLEConnect App. You will see this opening frame.

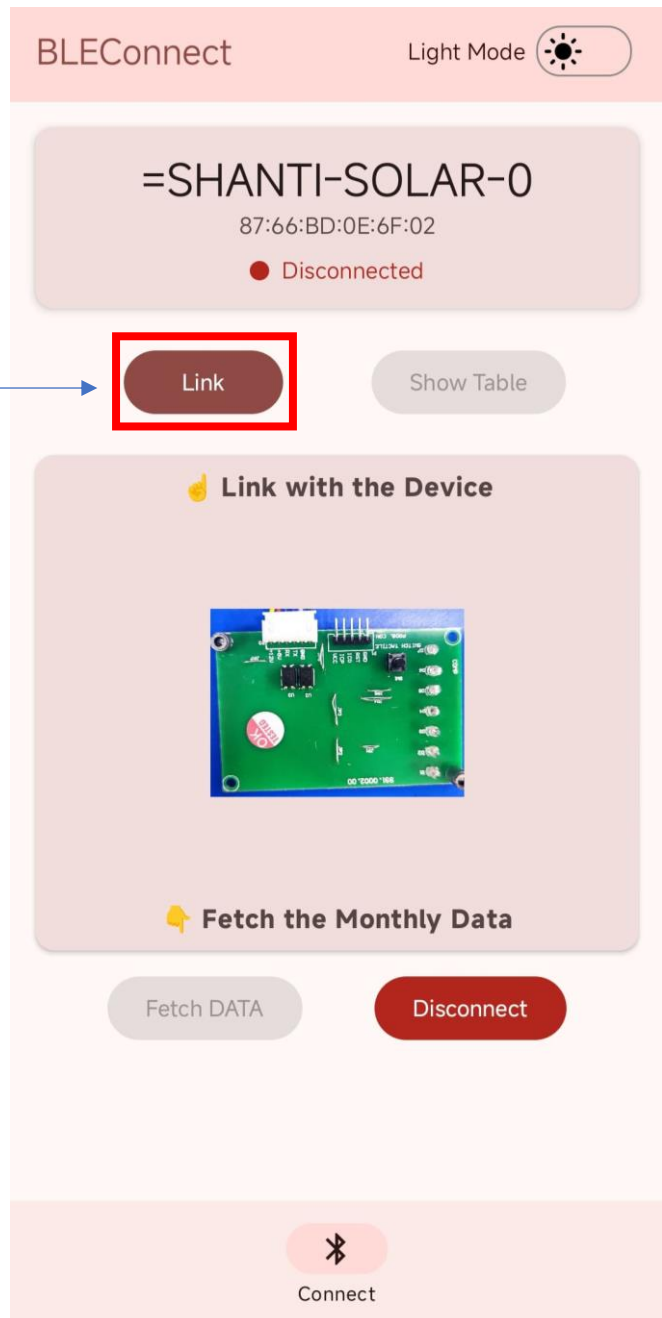*Click on the ==SCAN== button to scan for nearby BLE Devices.*

STEP 2: After Clicking the scan button, the app will show you the nearby BLE devices. Select the device by clicking on the device name card. The BLE device name in most cases will be "=SHANTI-SOLAR-123". The number is different for each device.

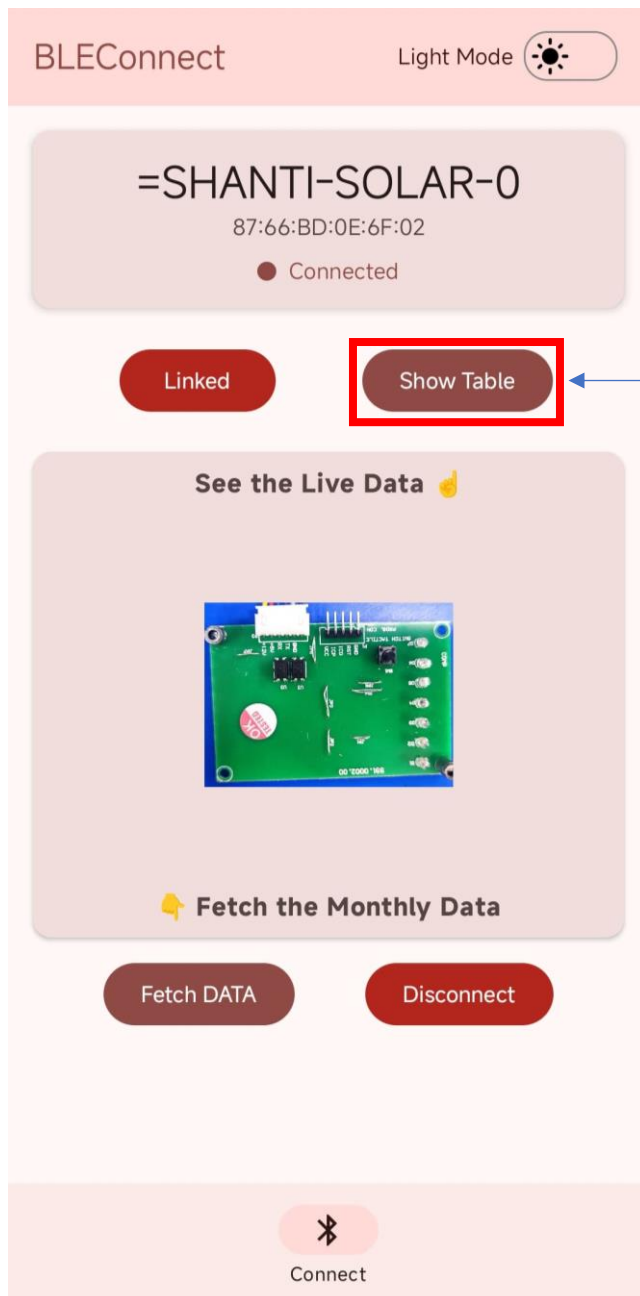Click on the device name, who's data you want to read. Make sure it is the solar device otherwise the reading will not be CORRECT.

STEP 3: Now you will see the User Interface that looks something like the image shown below. With the device's name on the top.

CLICK on the LINK button to connect the app with the device via Bluetooth connection.

STEP 4: After the APP is connected with the Bluetooth DEVICE, the button to SHOW TABLE will be available.

CLICK on the SHOW TABLE button to see the LIVE DATA AND STATUS.

STEP 5: Now you can see the LIVE DATA table like shown in first image below. And check the Status and Faults shown in the second image.

BLEConnect   Light Mode

=SHANTI-SOLAR-0
87:66:BD:0E:6F:02
● Connected

Linked   Close Table

Attribute	DATA
Solar Energy(J)	6553.5
Solar Voltage(V)	0.0
Solar Current(A)	0.0
Battery Voltage(V)	0.0
Battery Current(A)	0.0
Load Current(A)	0.0
Grid Current(A)	0.0
Consumed Energy(J)	0.0

Connect

BLEConnect   Light Mode

STATUS:

GRID CHARGING	OFF
LOAD	OFF
Mode	NOT Charging

FAULTS:

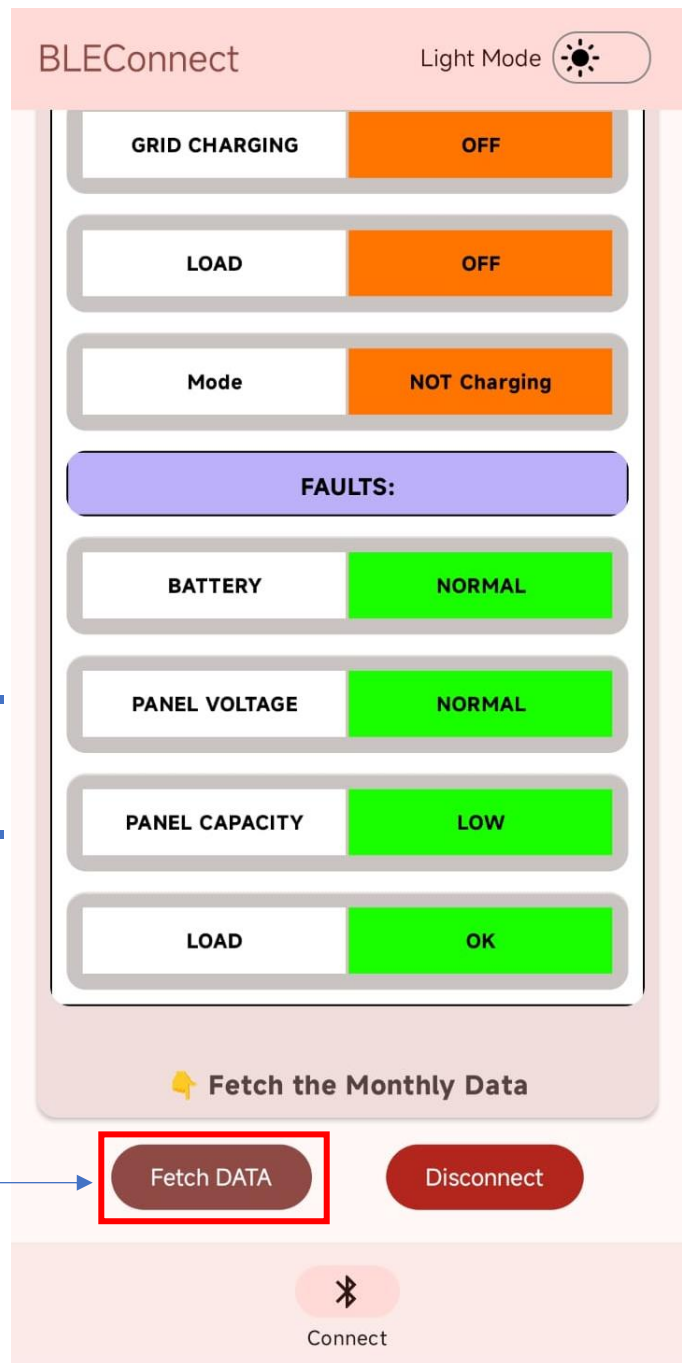| BATTERY	NORMAL
PANEL VOLTAGE	NORMAL
PANEL CAPACITY	LOW
LOAD	OK

👇 Fetch the Monthly Data

Connect

STEP 6: To Download the Data, navigate down to the fetch button by scrolling down. Make sure the app is Linked with the Bluetooth device.

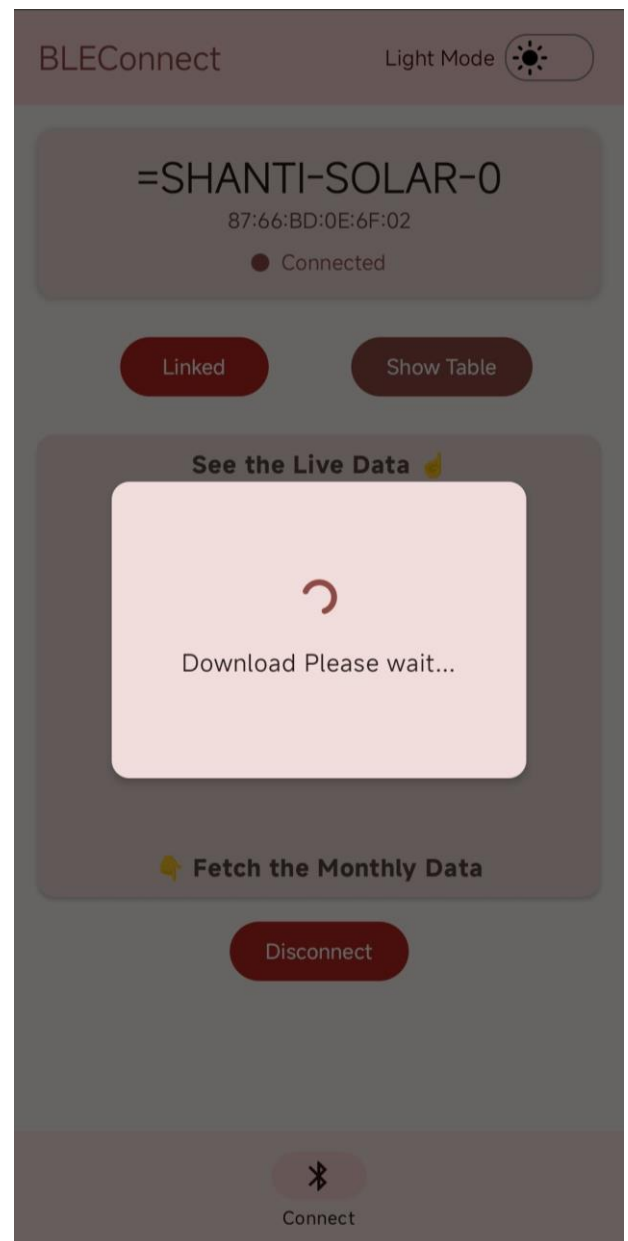*CLICK on the FETCH DATA button to download the DATA.*

> **NOTE:** It doesn't matter if the LIVE DATA element is opened or closed, just make sure the device is linked.

STEP 7: Now wait for the download to complete and the device's data will be saved in your phone download folder.

⚠️ <mark>*WARNING*</mark>*: Make sure you don't change the screen or close the app otherwise the data will be corrupted or it will not save properly.*

NOTE: There will be a folder created in the download folder with <mark>device's NAME and today's date</mark>. (Download folder can be found in the file manager) The LIVE DATA and Monthly data can be found inside that folder.

PRECAUTION: If the connection is lost while the LIVE TABLE DATA was open, the data will stop showing and a message CARD will be visible.

NO need to worry, just click on the LINK button and connect with the device again and after connection it will again start showing the LIVE DATA.