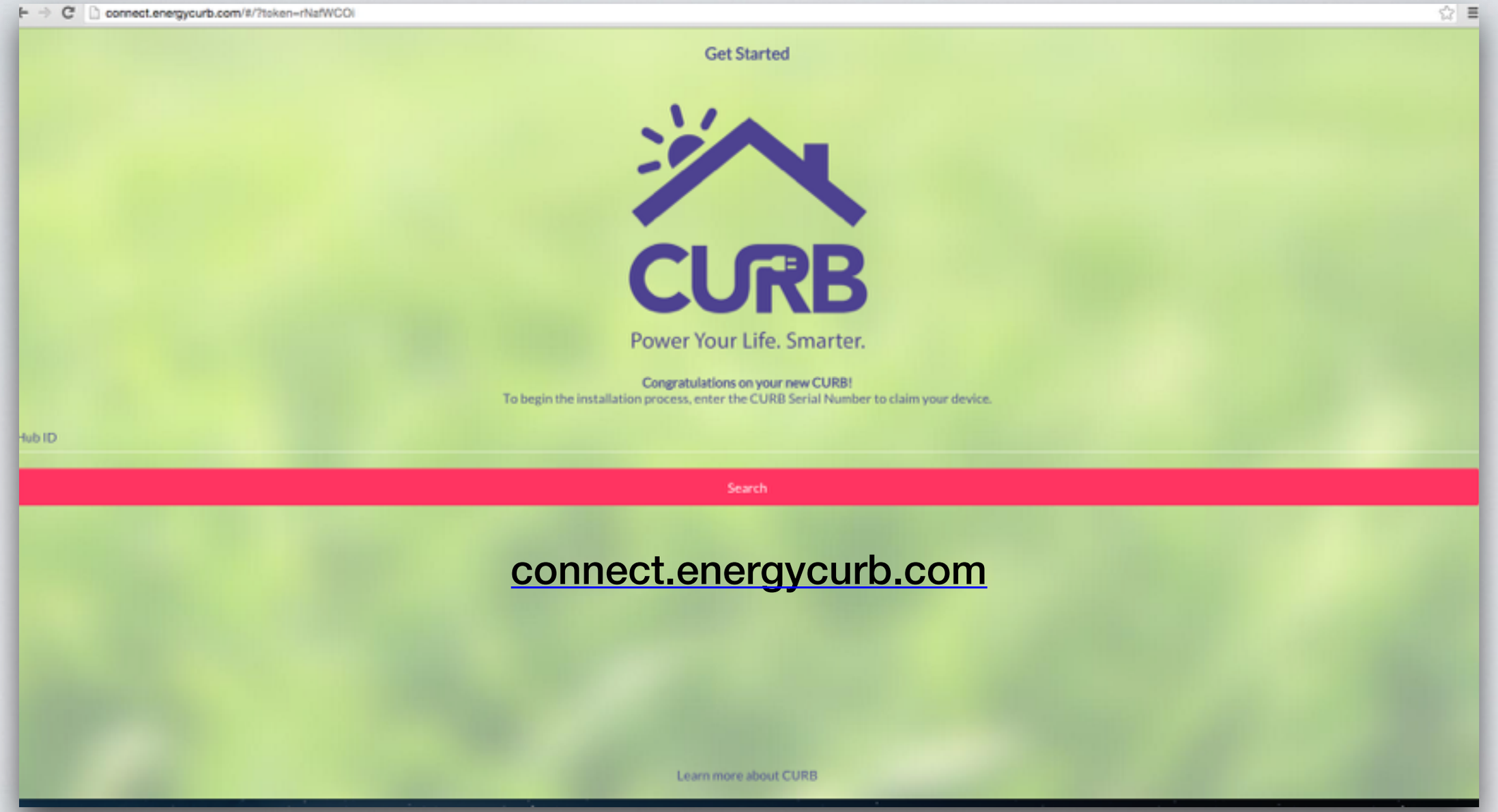
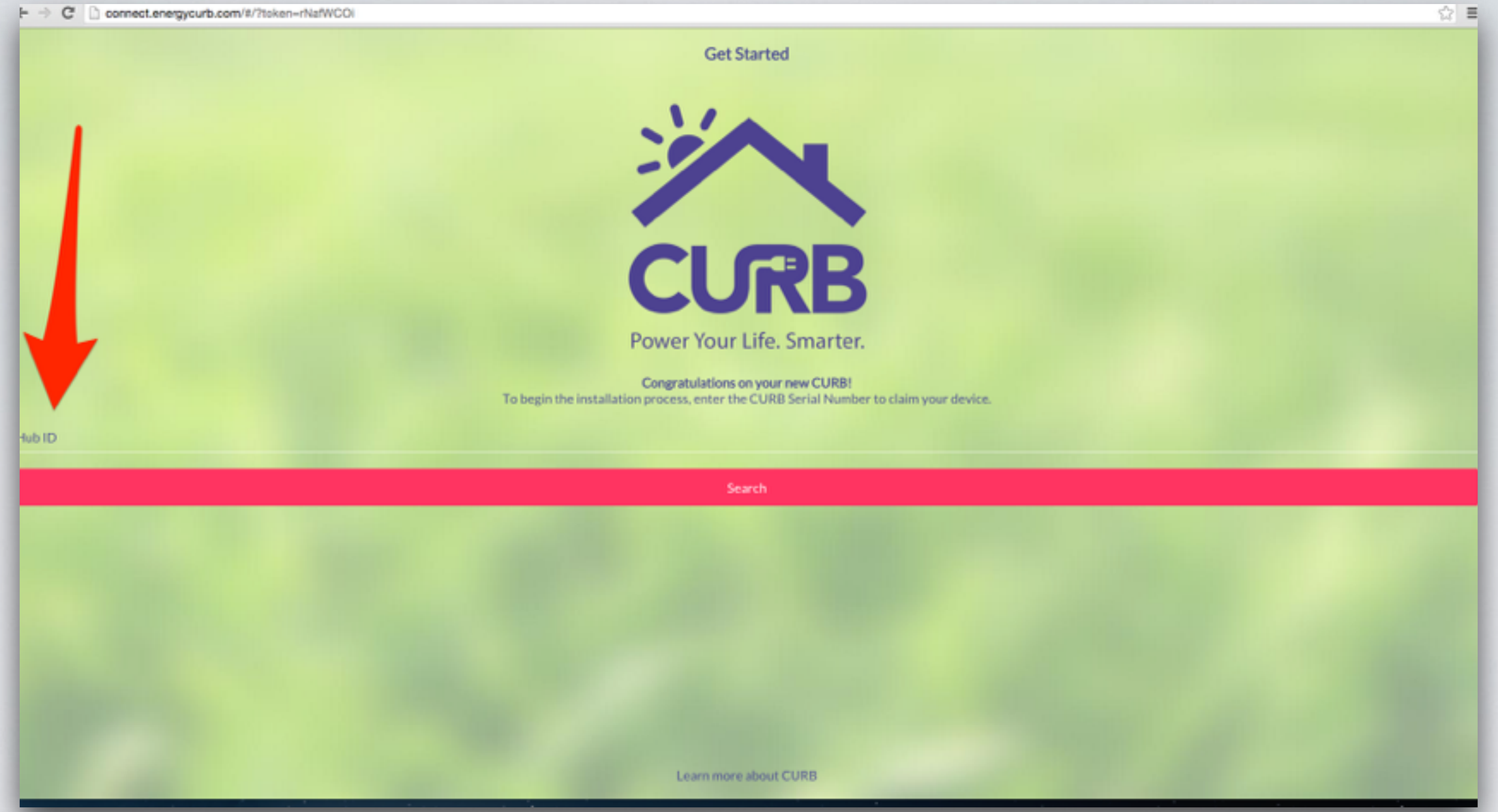
Using the CURB Configuration App



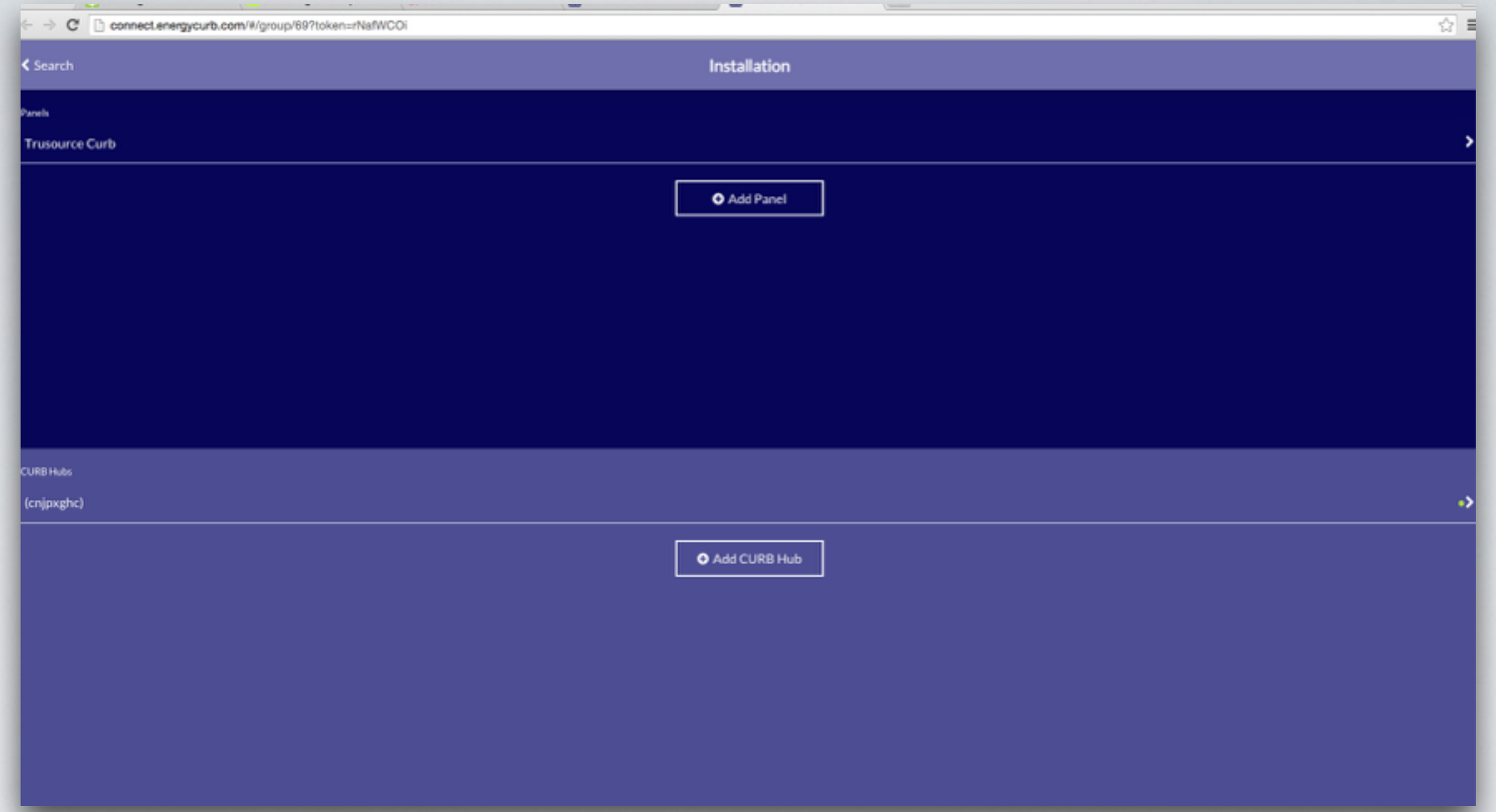
connect.energycurb.com

Enter connect.energycurb.com



Once the website has been entered into the URL, this opening page will appear. The installer will enter the CURB hub serial # found on the back of the CURB hub.

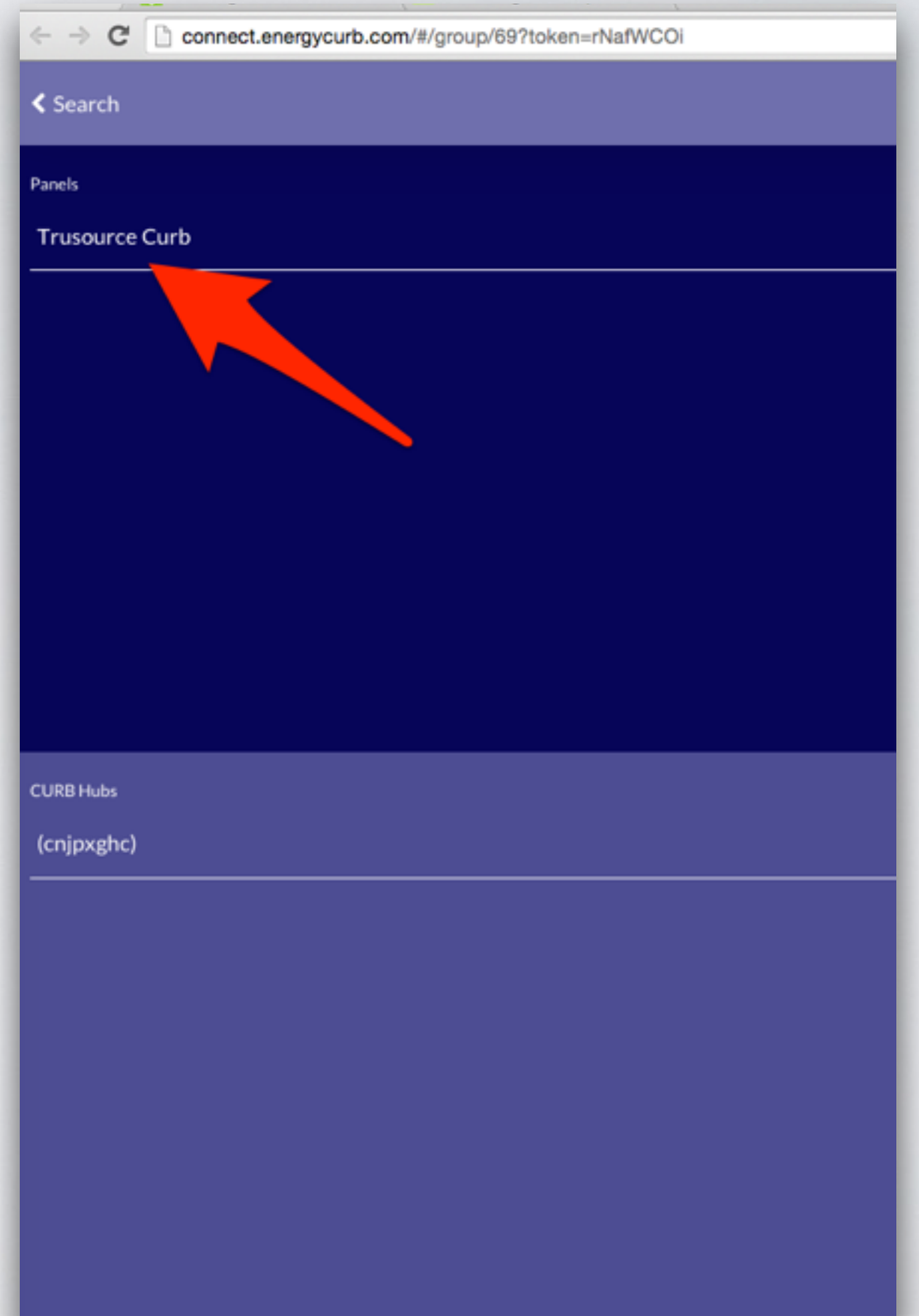
Installation Page



This is the main page that an installer will use to access both sections of the configuration process. You will see the Panel listed at the top and the CURB hub listed just below the middle of the page.

How does one get to the Panel section?

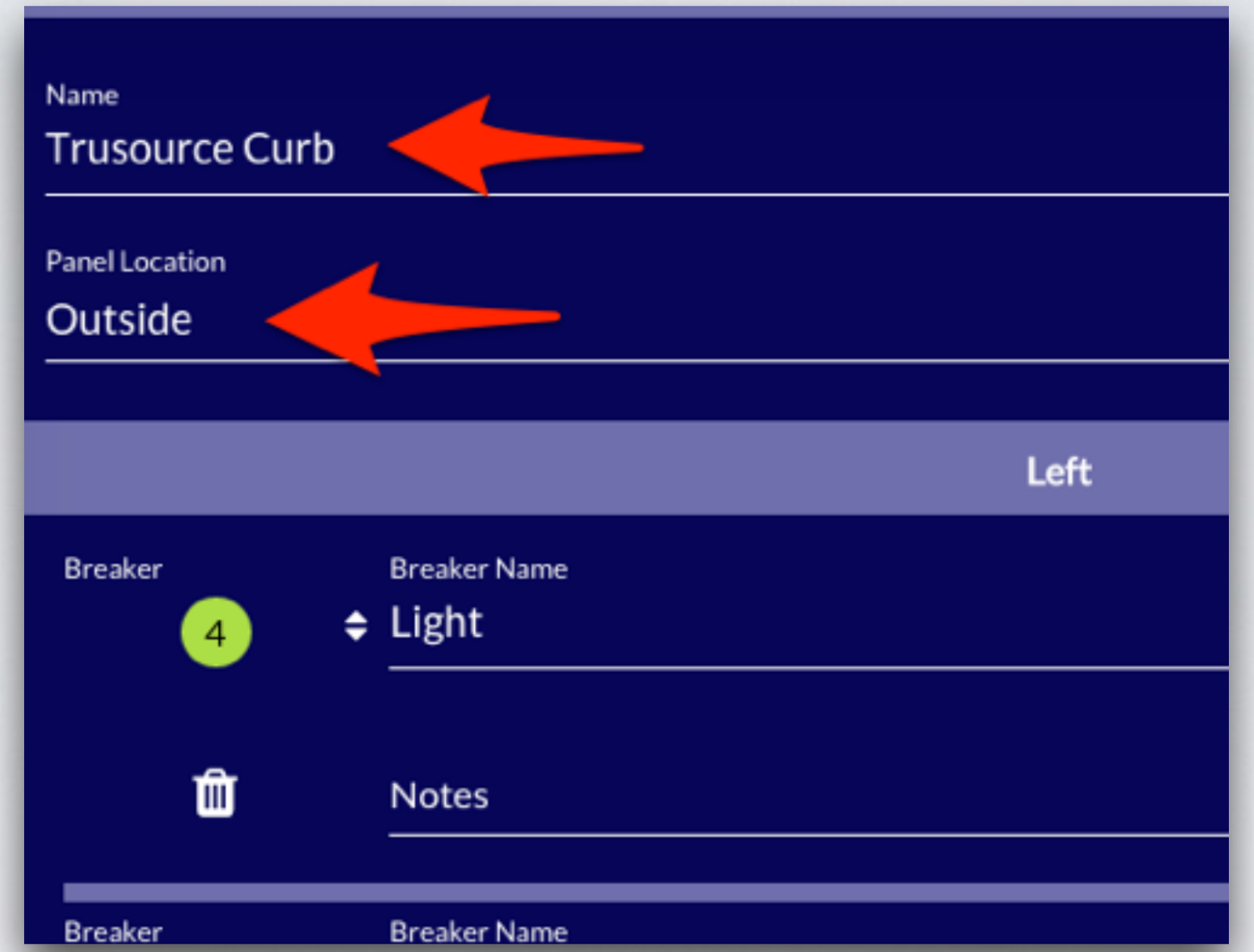
Click on the panel name, which will say “No Panel” by default.



Panel Section

Each breaker inside of the panel will get labelled here.

First, name the panel and include the panel location.



This is especially useful for DUO or multiple CURB hub installs.
There may be more than one panel in different locations.

Label all details for each breaker

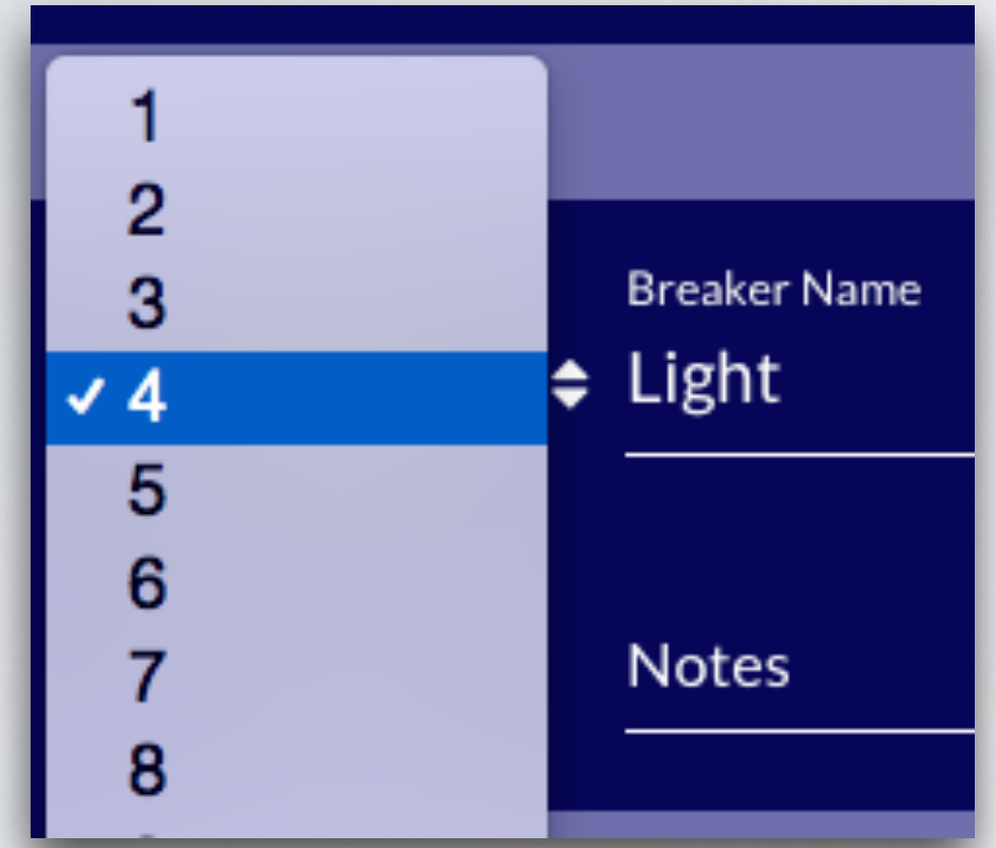
Assign the sticker #, name, amperage, phase, and notes on the each specific breaker.

Use arrows to make changes

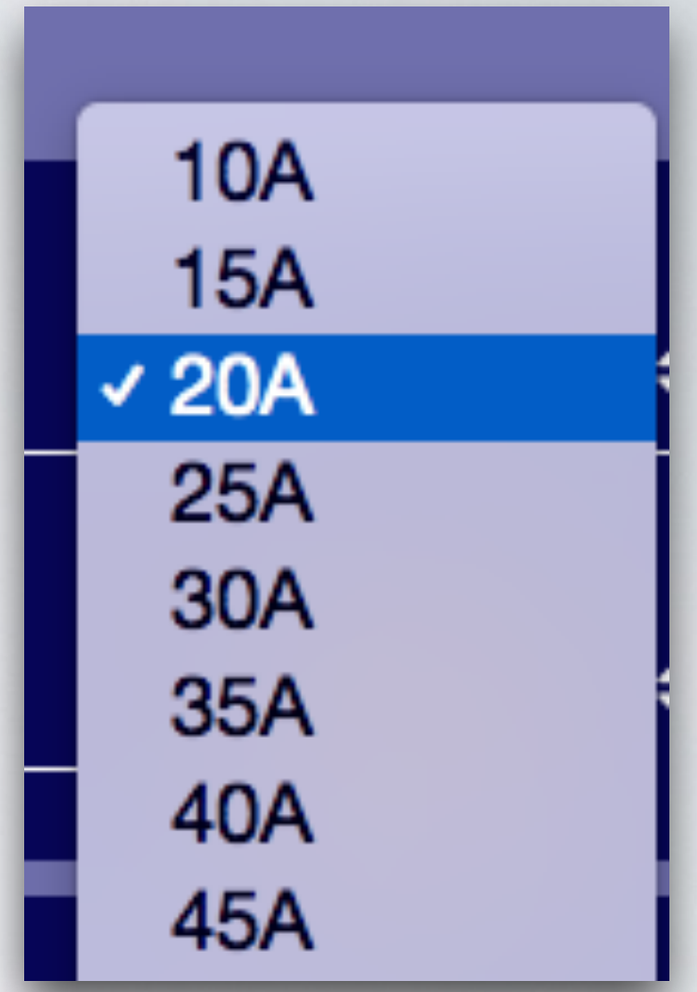
Clicking the up/down arrows will open a drop down list to select from.

Examples of the drop down selection boxes:

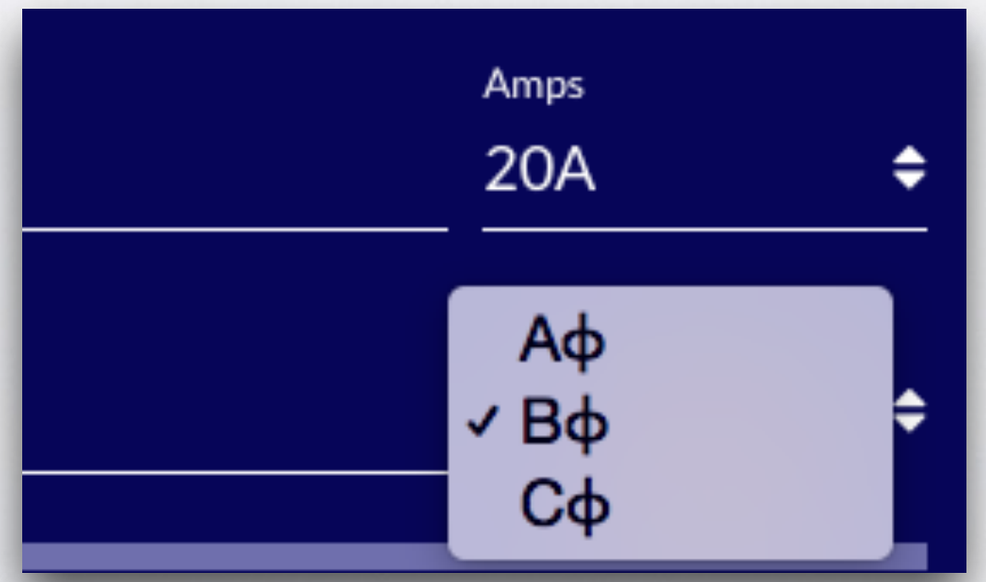
Breaker #



Amperage

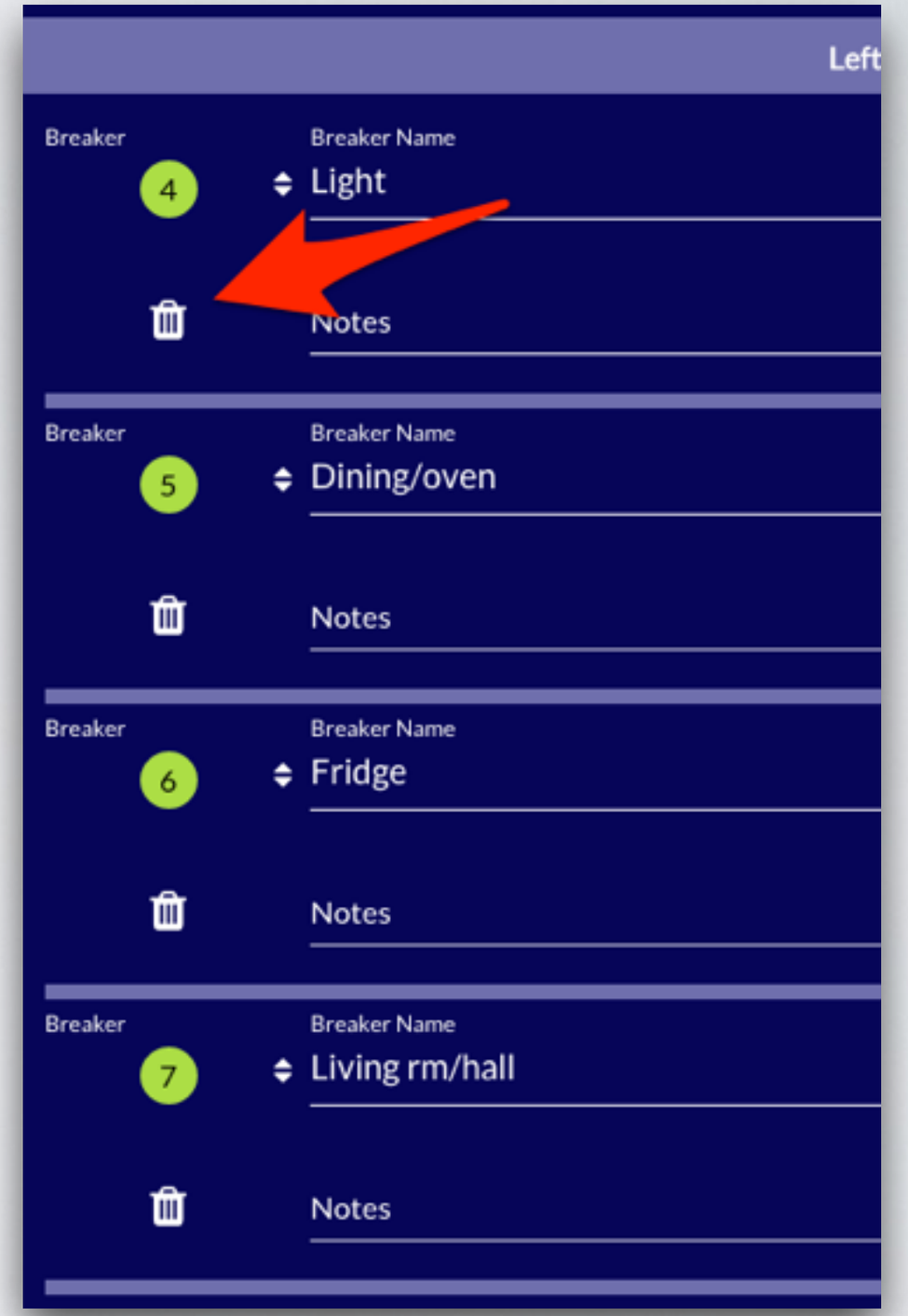


Phase



You can remove unwanted breakers

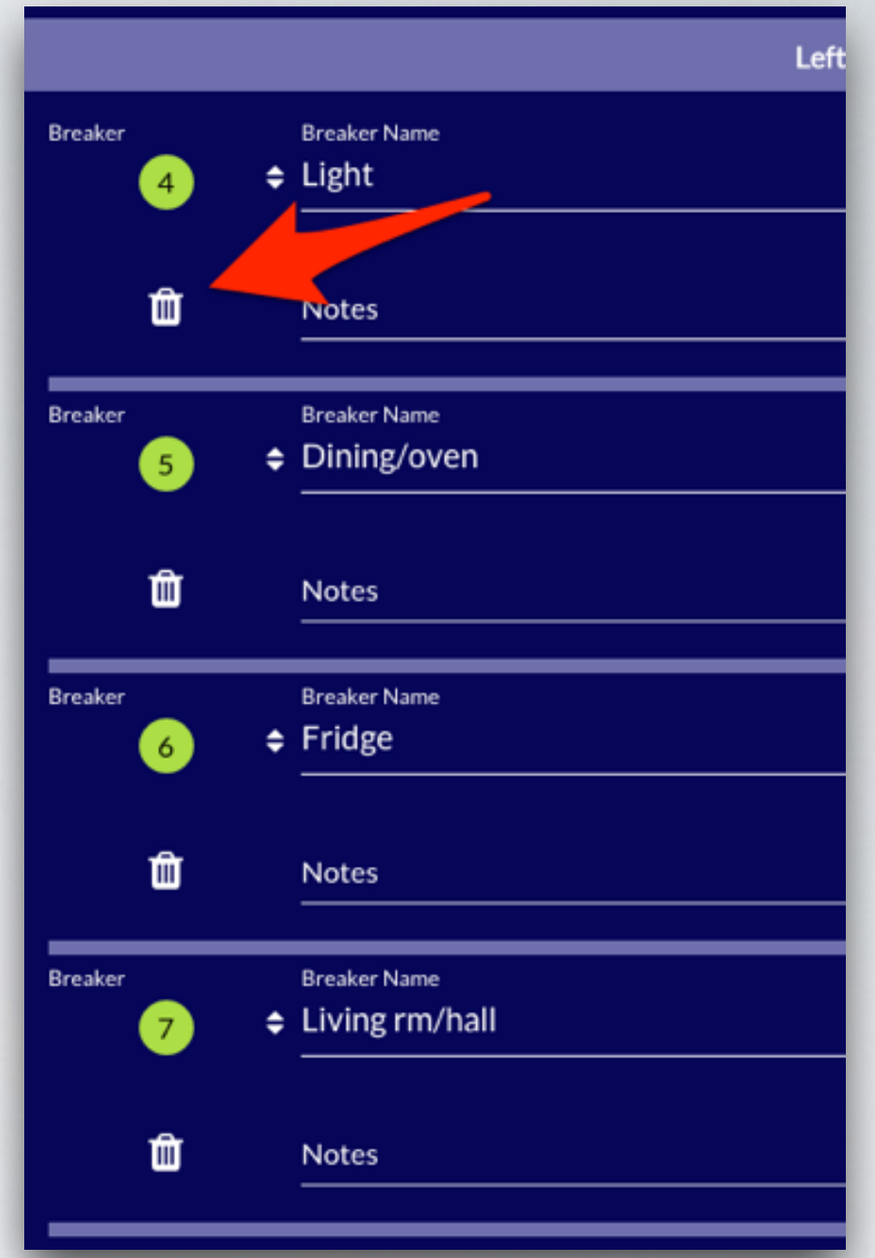
You can trash the breaker to start over and remove the breaker from being monitored.



Notes are convenient when an install requires combining wires into a single CT clamp.

CURB

You can remove unwanted breakers



Notes are convenient when an install requires combining wires into a single CT clamp.

The trash can is useful for starting over if you entered the wrong info or no longer need that breaker assigned within the CURB app. Also, notes are useful for CT's that have multiple wires running through them from multiple breakers. This is how you maximize coverage of breakers. See Conserving CT clamps article.

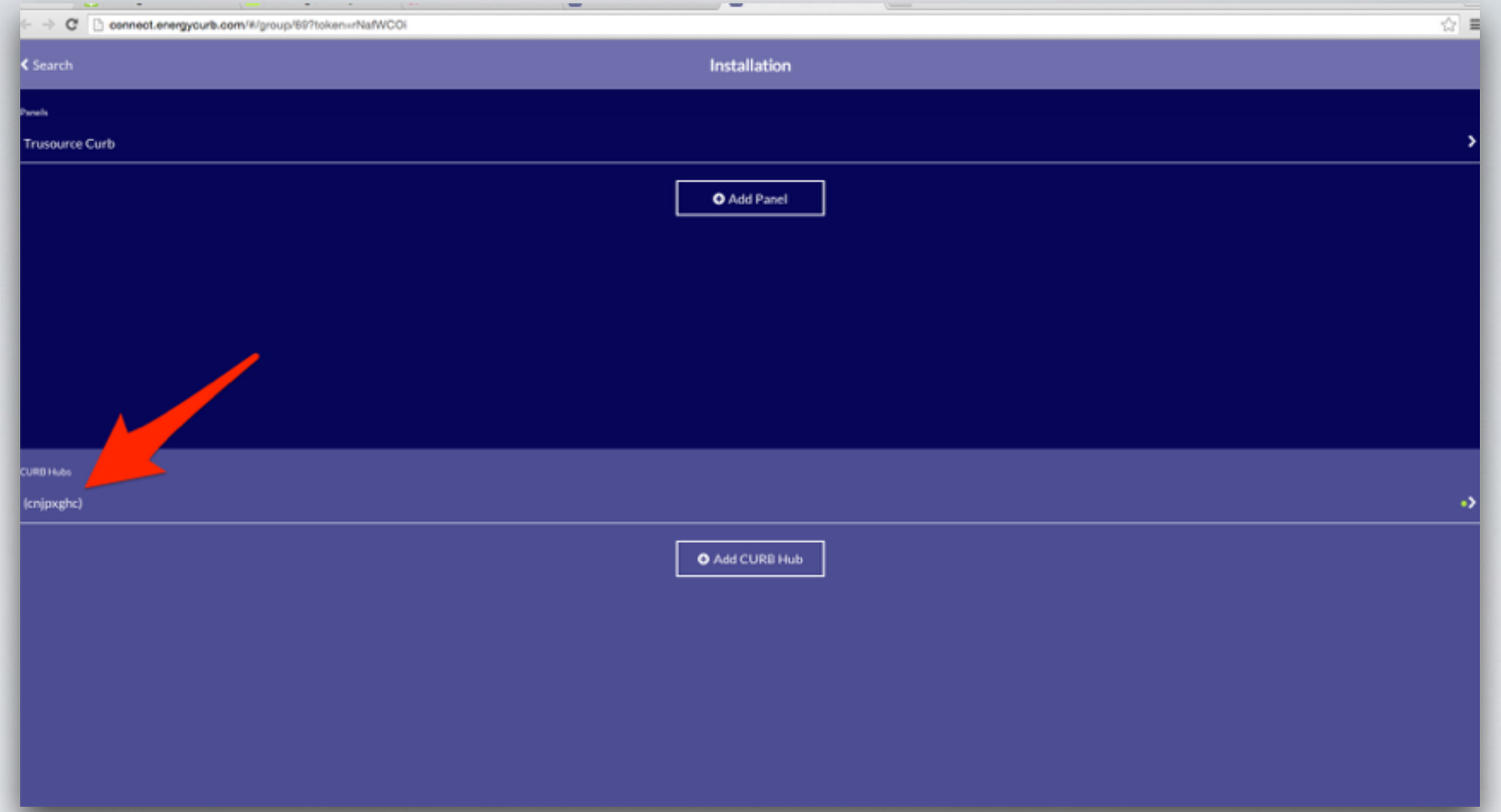
Adding a breaker is easy

Some panels may have more breakers on a given side than are present in the CURB configuration app by default. If you need more, click “add breaker”.

Getting out of the Panel Section

The installer will need to click “Installation” at the top left of the Panel section of the CURB configuration app once all of the breakers have been entered.

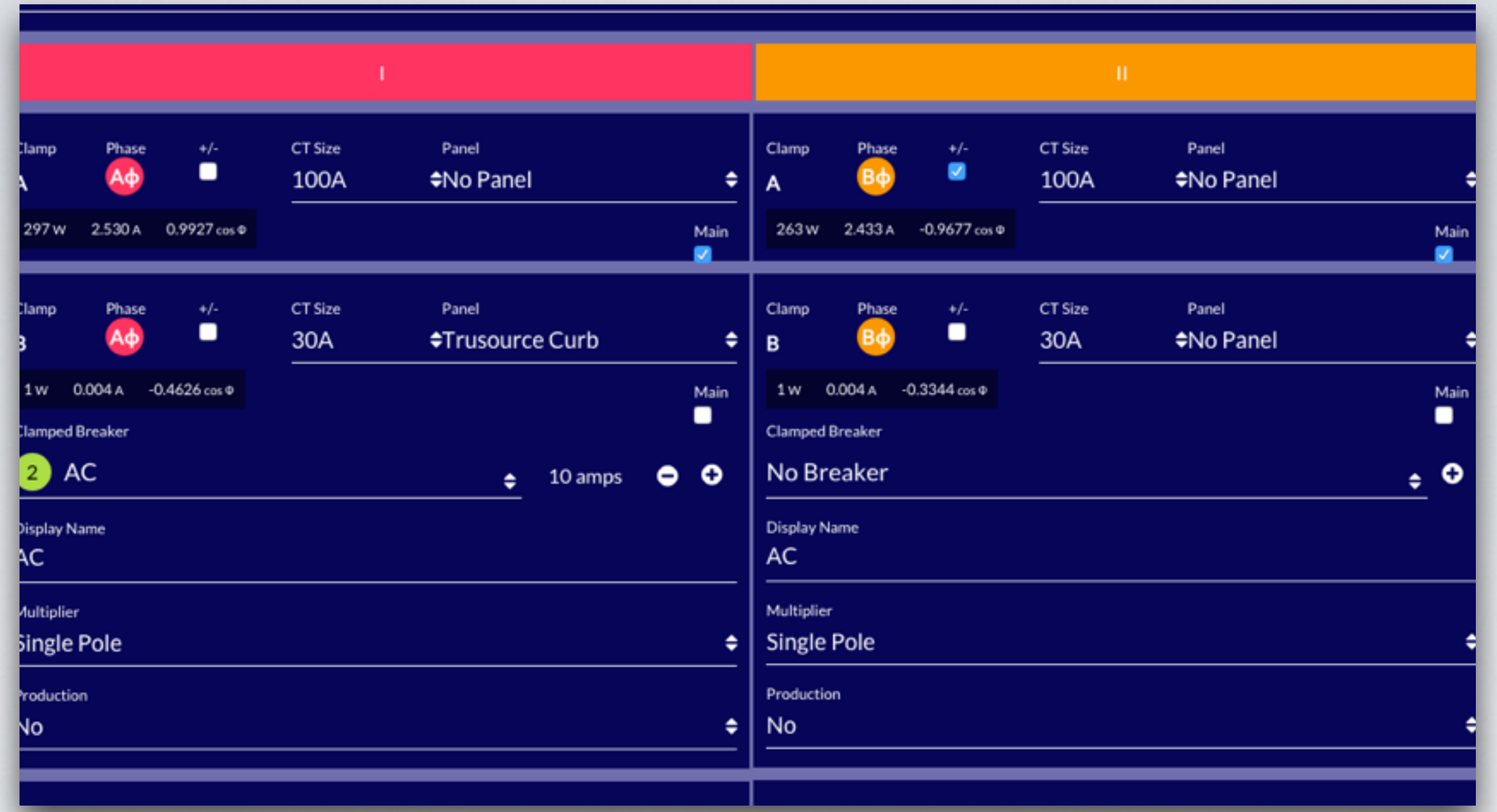
Getting to the CURB hub (clamp assignment) section of the configuration app.



Once back to the Installation page, you will select the CURB Hub

This is where all the particulars for each CT clamp is assigned.

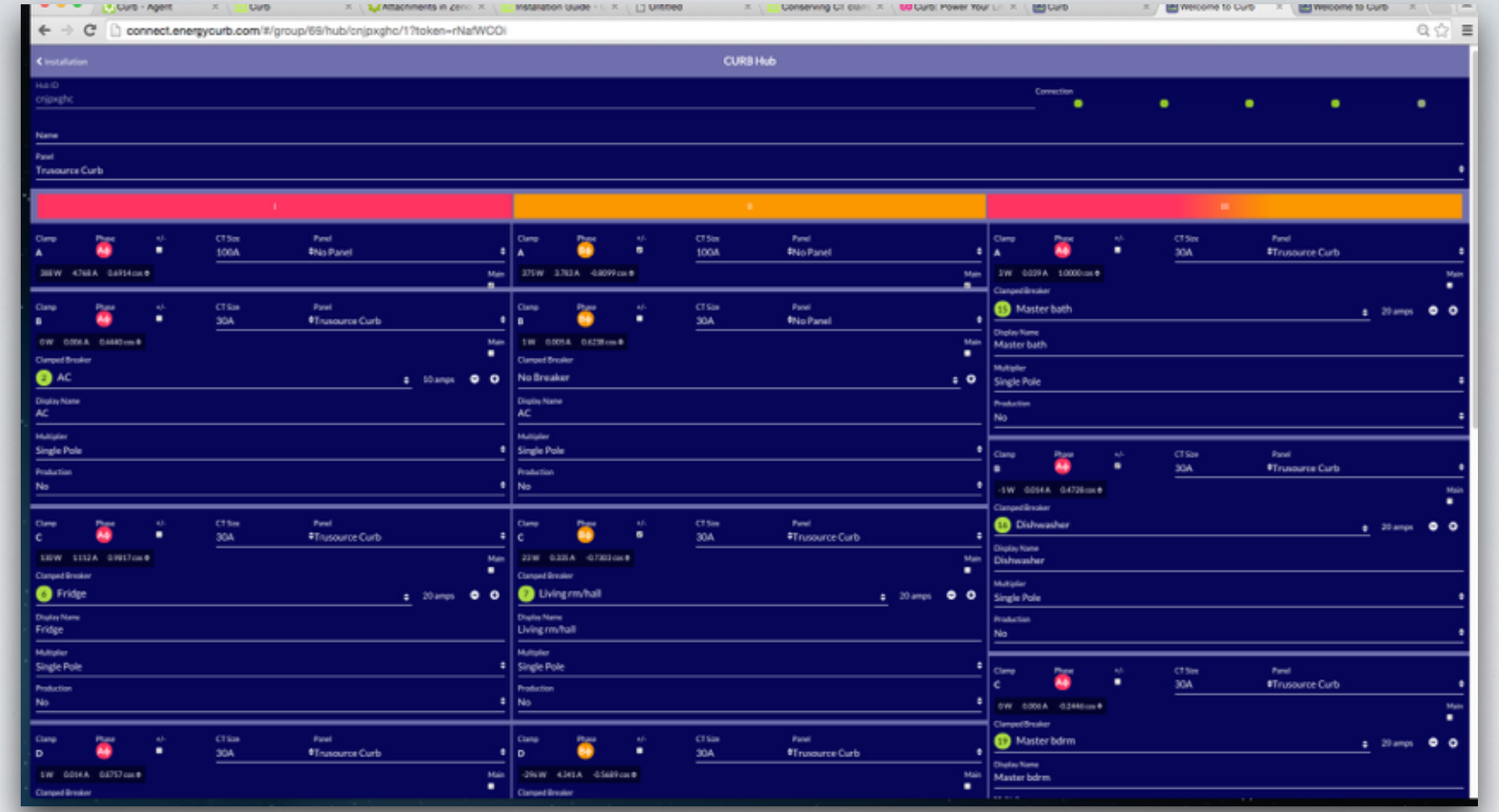
Clamp Assignment



You will need to assign each clamp to a breaker along with all of the breaker and clamp details.

The CURB hub (clamp assignment) section of the configuration app is broken up into blocks. Each block will allow for 6 CT’s to be connected. They will use letters for their assignment.

Clamp Assignment



This section is broken up into three blocks (1,2,3). On smart devices, the view will only show one block at a time. (Note: This view is using a computer and shows all three blocks at once.)

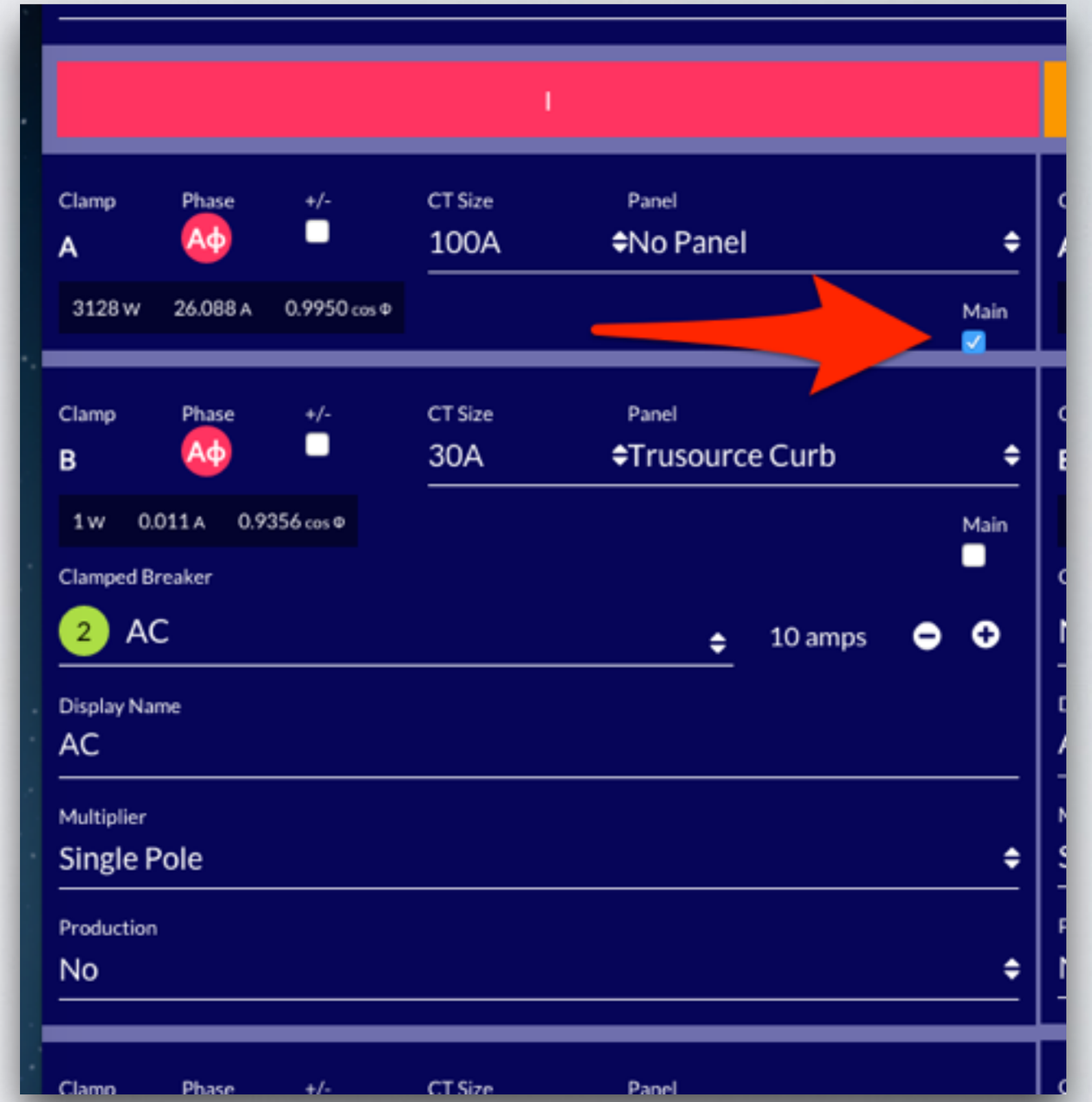
This is the easiest way to use the configuration app.

Each clamp on each block will get a letter assignment.

Hence, each block’s clamps will have A-F assignments.

The “A” clamp will always be the main on blocks 1 & 2.

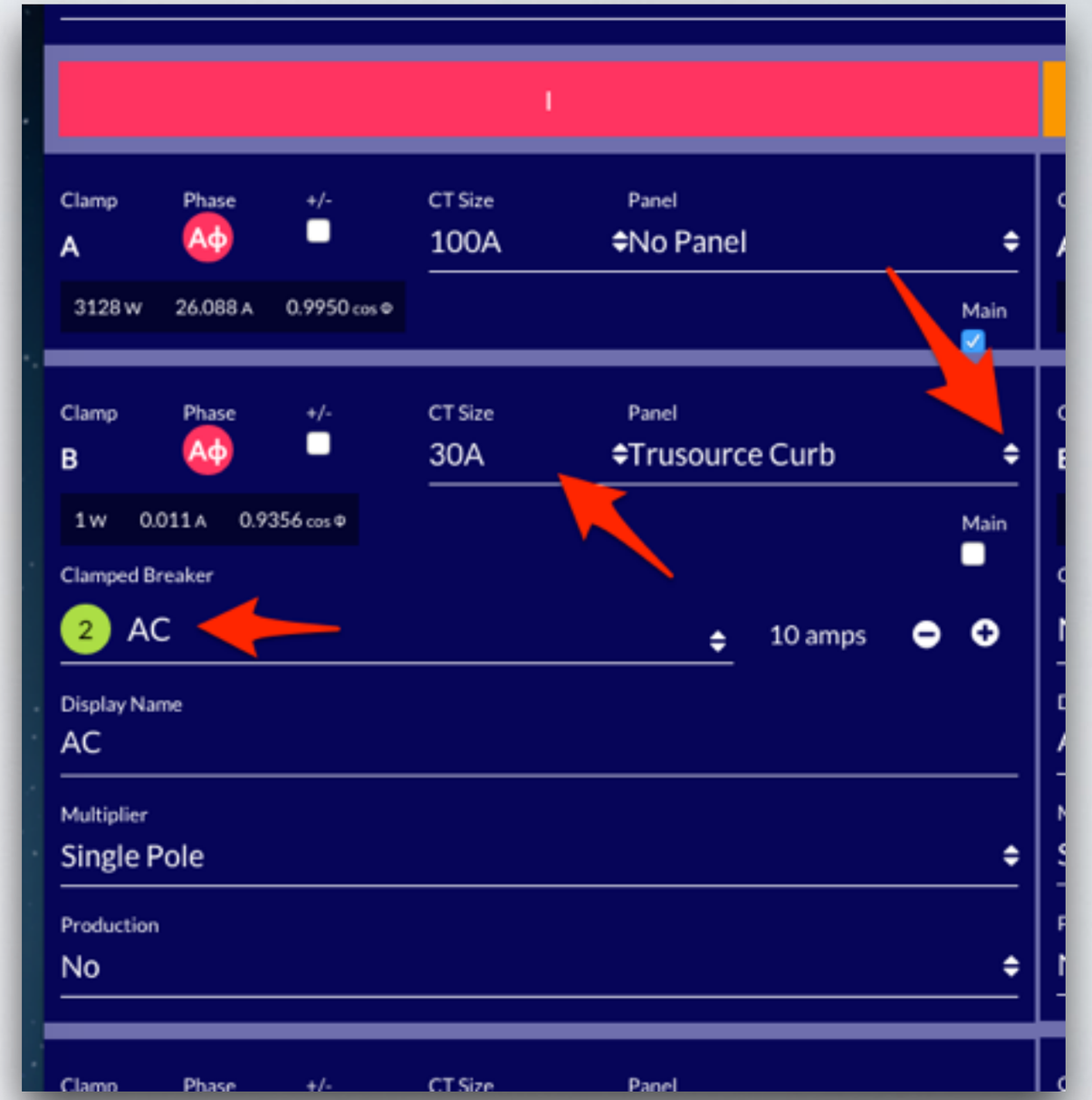
You can see it checked on the right side of clamp “A”.



Every block has 6 available slots for CT clamps. Each block will label the clamps alphabetically (A-F). On blocks 1 & 2, the mains will always need to be the “A” clamps and they need to be labelled as the main. You will see the check box that needs to be selected in the photo.

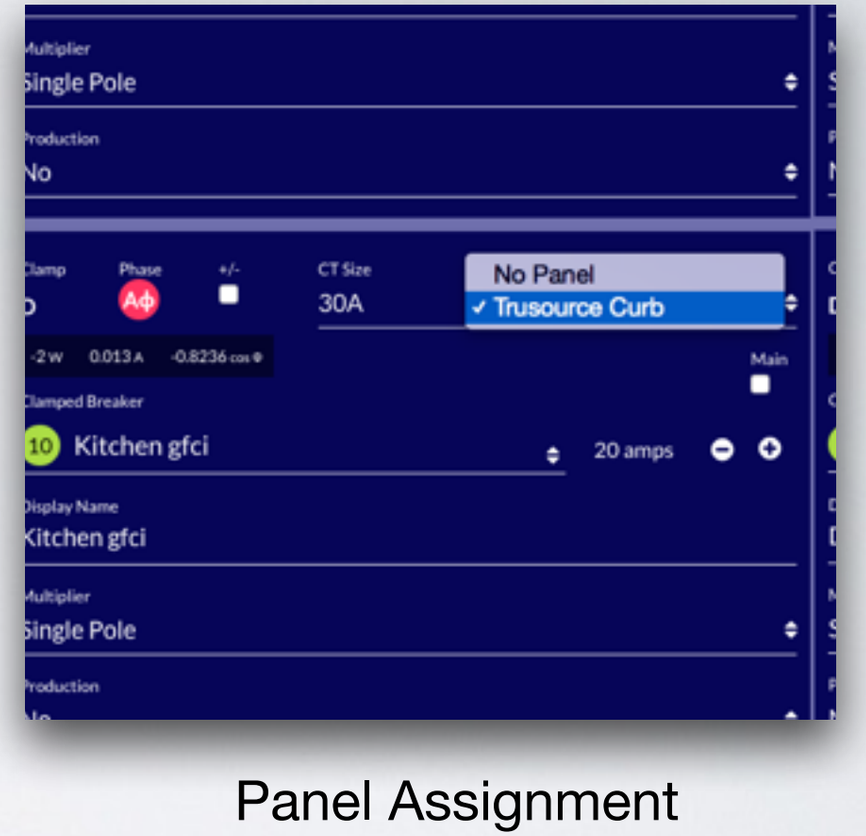
Next, make sure each clamp has a Breaker, CT Size, and Panel assigned.

If you have properly labelled all of your breakers on the panel section of the configuration app, you will be able to select from a drop down selection box that contains all of the breakers you have labelled.

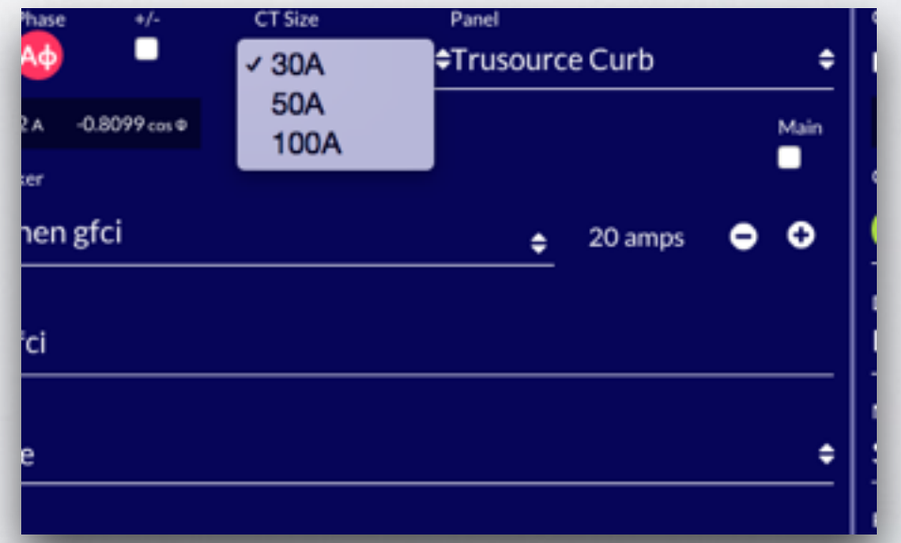


General Clamp Assignment

Breaker Assignment



Panel Assignment



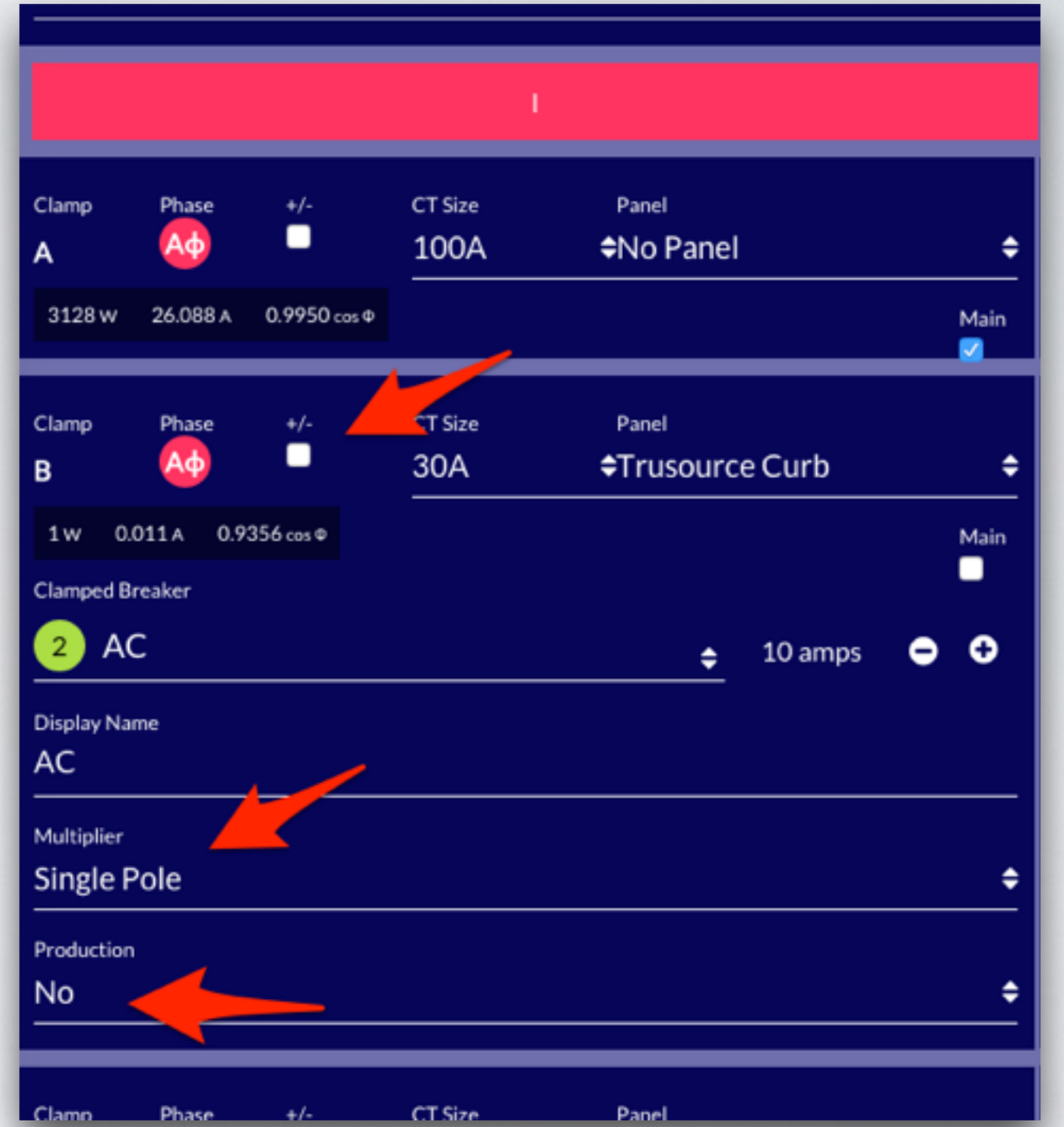
CT Size Assignment

Further Clamp details

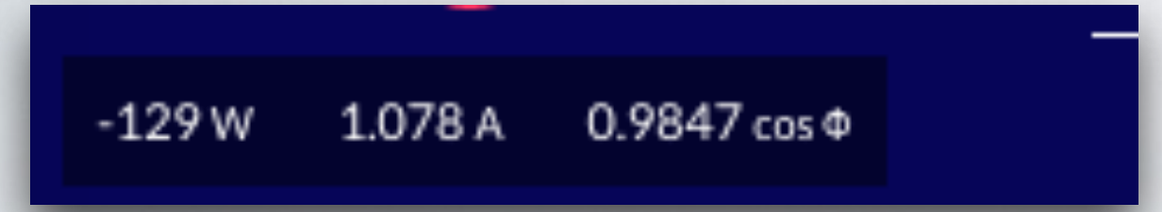
- In some instances, the wattage in the dark blue bar may be reading negative. In this instance the polarity needs to be reversed by selecting the +/- button

- Double-Pole and Triple-Pole multipliers will need to be applied using the “Multiplier”

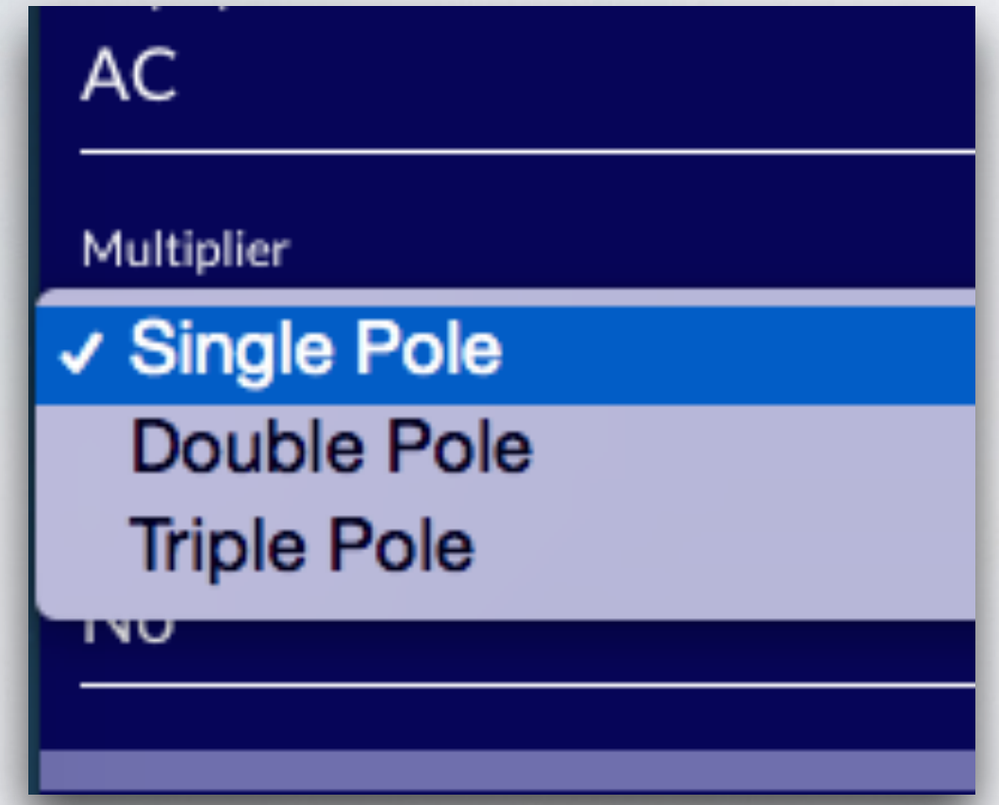
- Solar production is assigned to line-side or breaker side



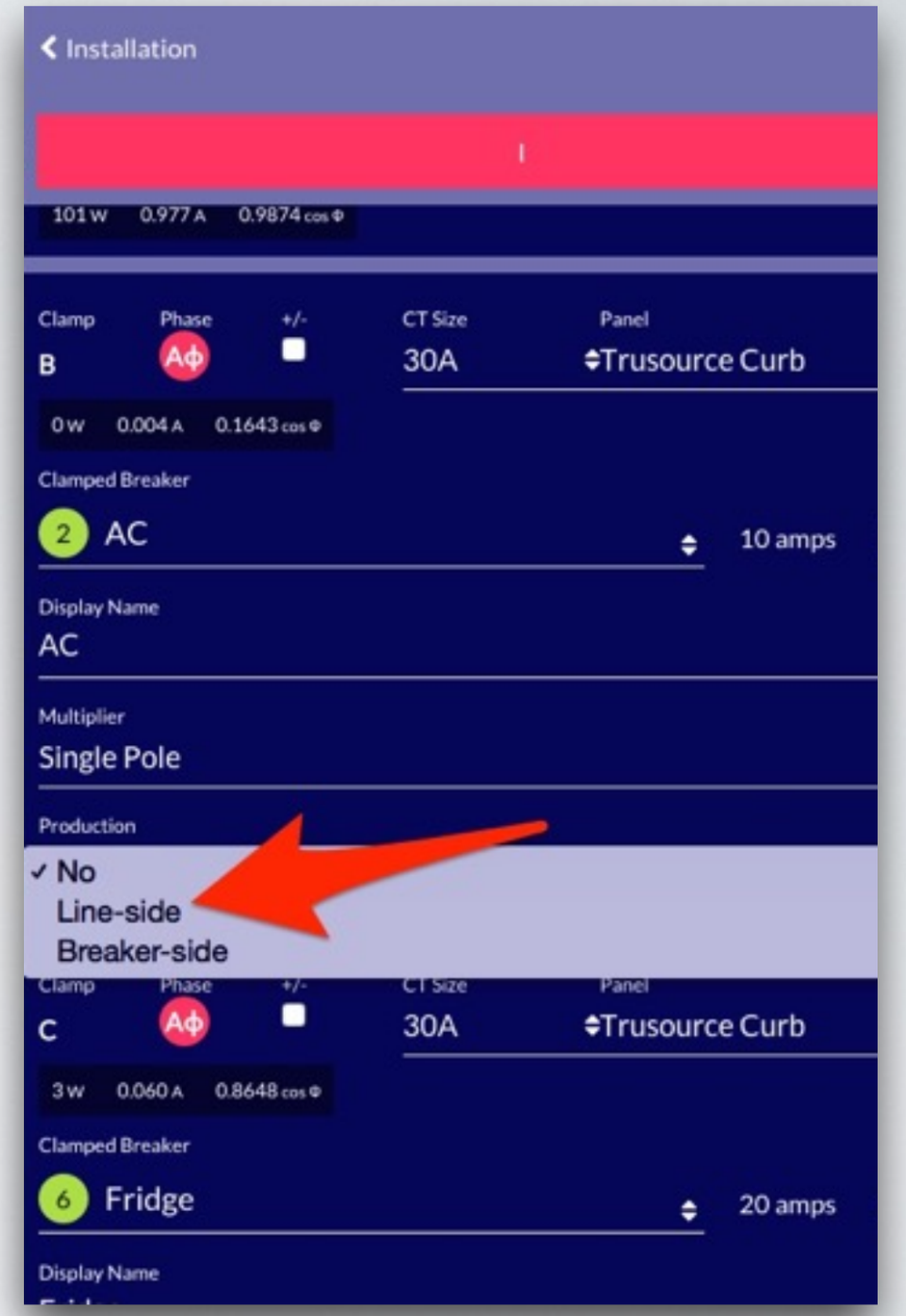
Further Clamp details



Negative wattage readout



Multiplier (Double or Triple Pole)



Solar selections: Line side or Breaker-side

Solar selections-Line side: Solar energy come into the home owner's panel via the mains.

Breaker-side: Solar energy comes into the home owner's panel via an actual breaker in the panel.

Block 3

Clamp assignments for “A,B,C” are on the A phase while “D,E,F” are for the B phase.

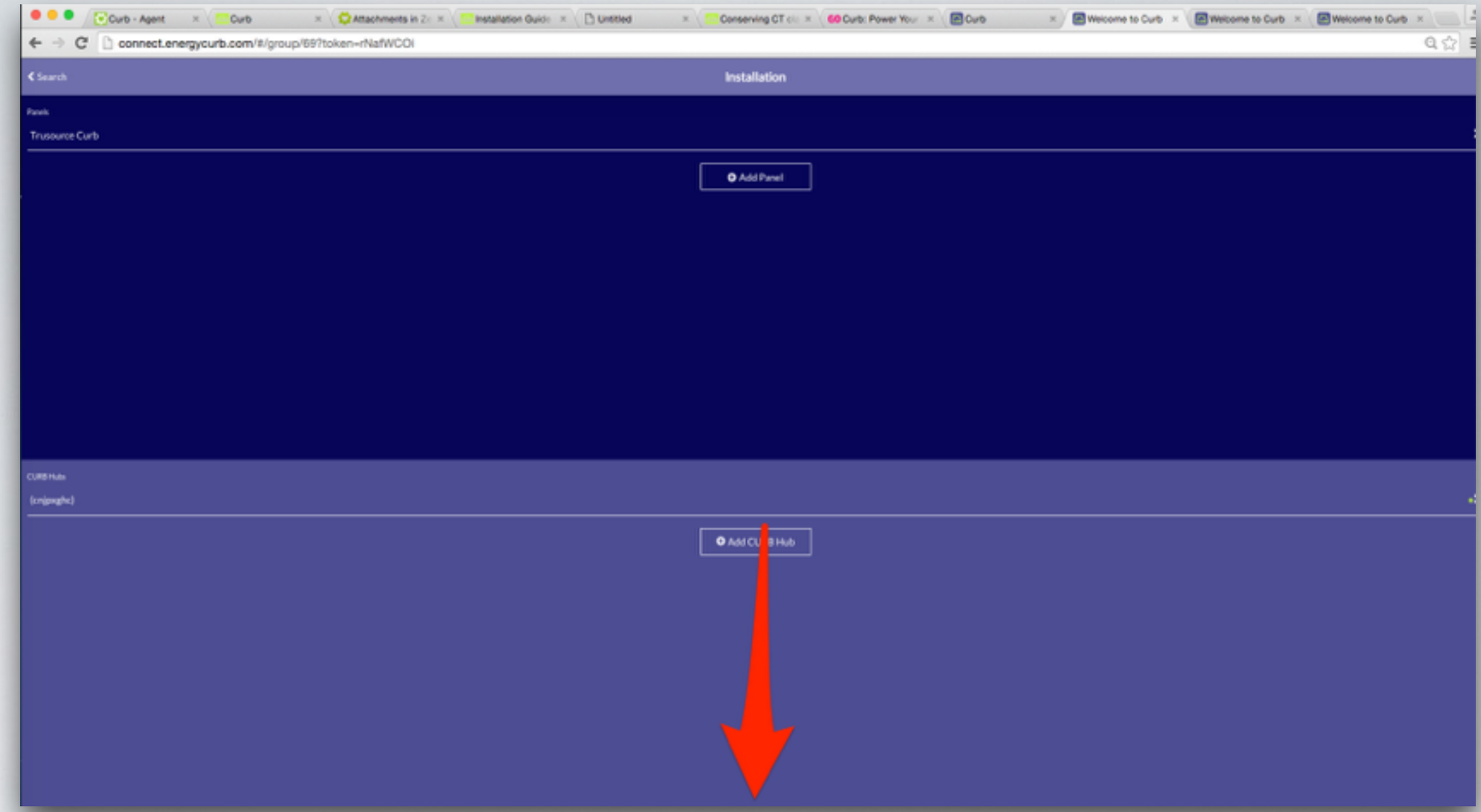
You can see the phase association with the clamps in the slide and that when it gets to “Clamp D” it changes the phase.

CURB connectivity

The dots at the top right hand corner of the CURB hub (clamp assignment) section will show the internet connection strength. Red is always bad here and it is preferable to have at least 3 green dots.

One last detail to finalizing the install

Click “Installation” to exit the CURB hub (clamp assignment) section.



Email invite (Will be here)

There will be an email invite (not seen here) that will allow the installer to send the configuration to the customer. Once this is performed, the customer will need to create their account credentials. From there, this part of the app will be accessible only by signing into the account and selecting “Configuration” from the pop up menu found at the top right hand corner.