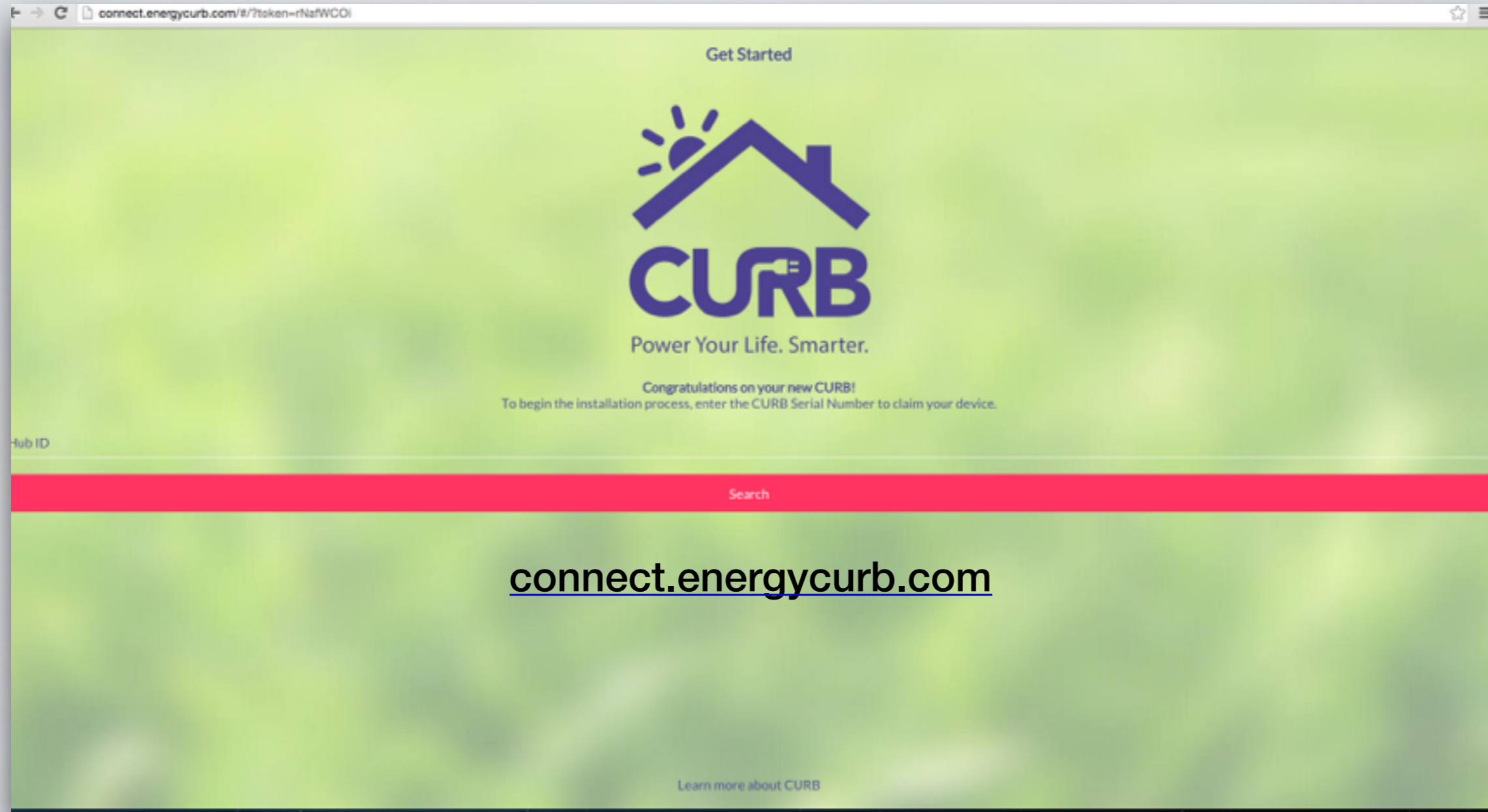
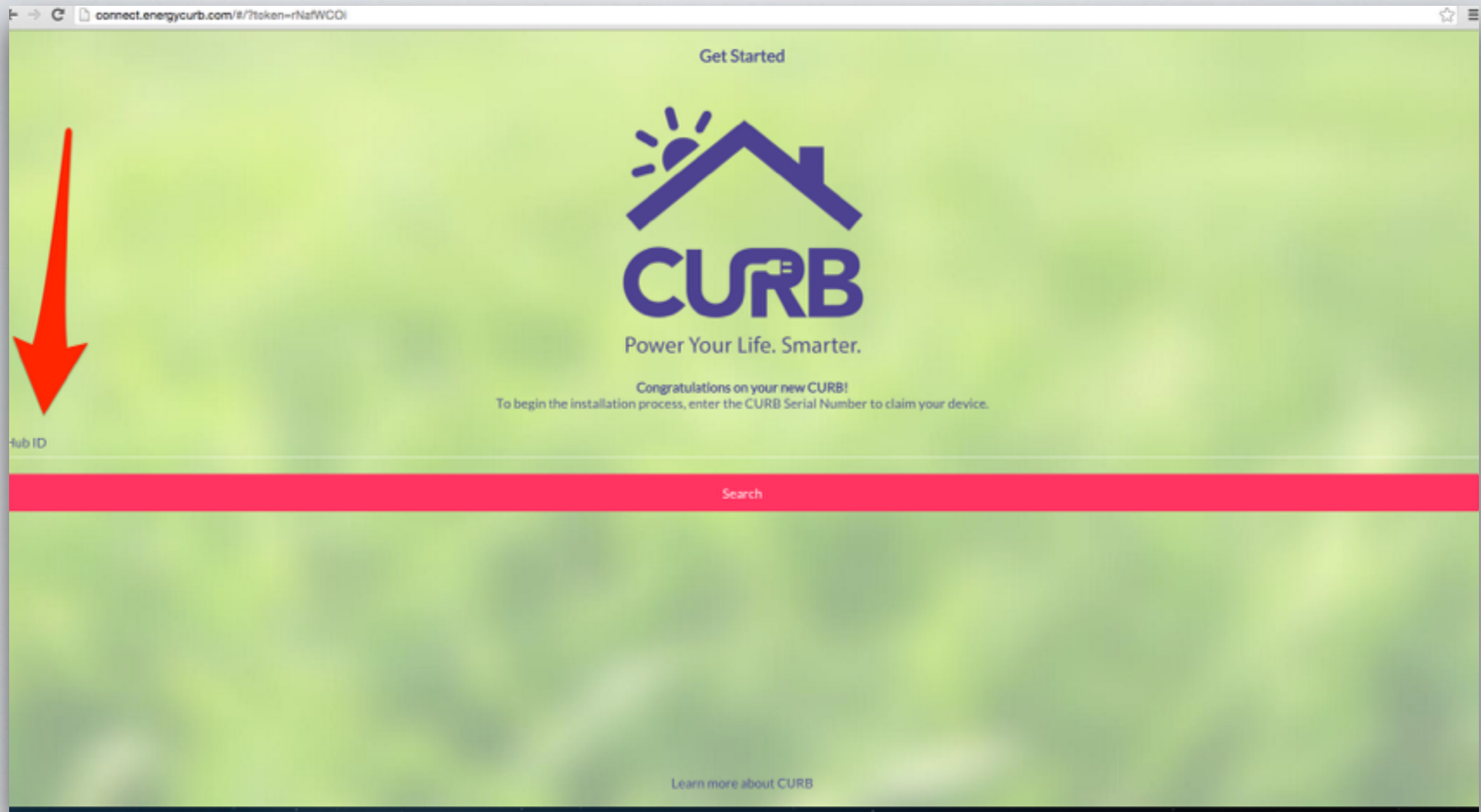


# Using the CURB Configuration App



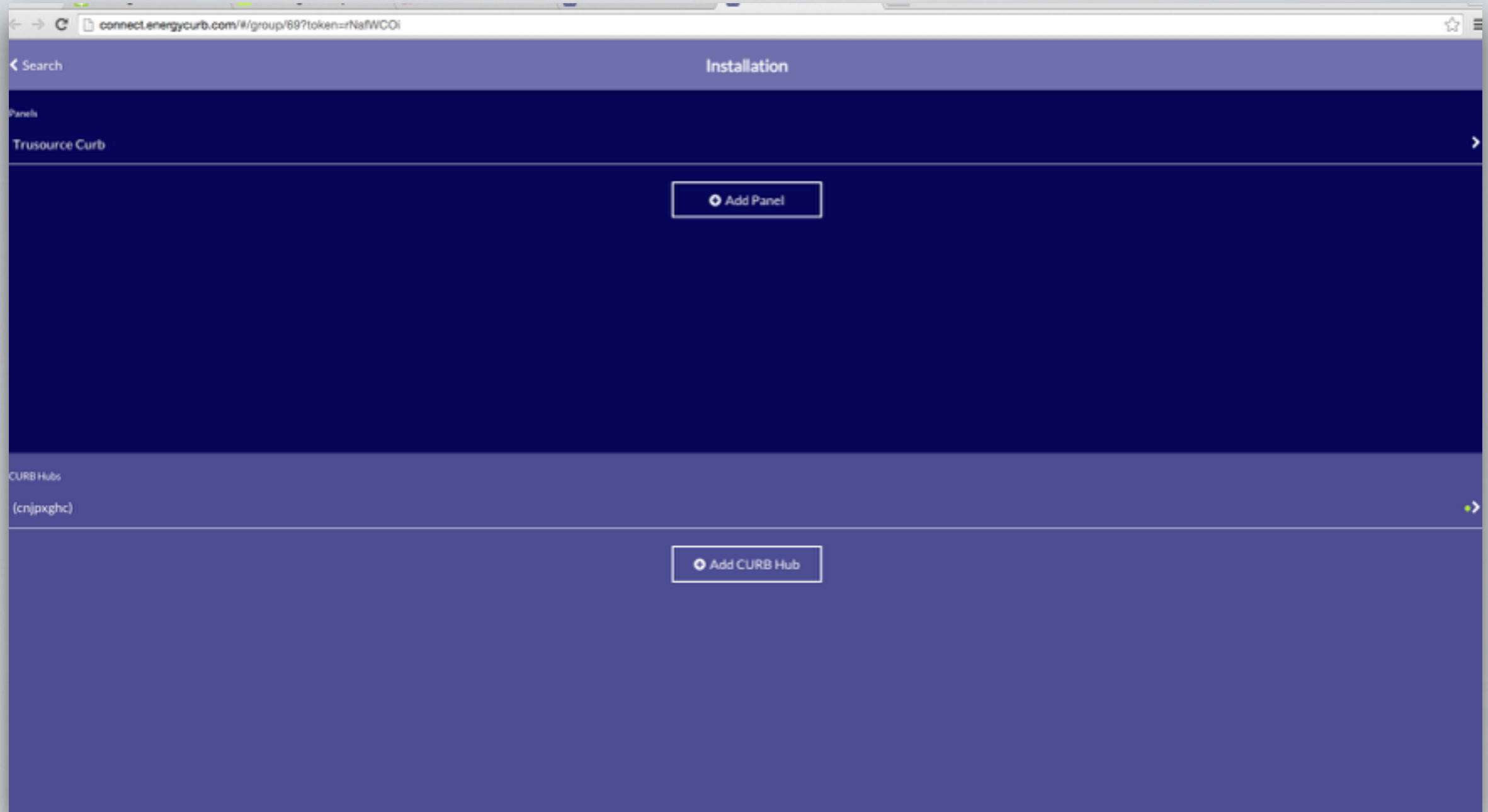
# Enter connect.energycurb.com



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

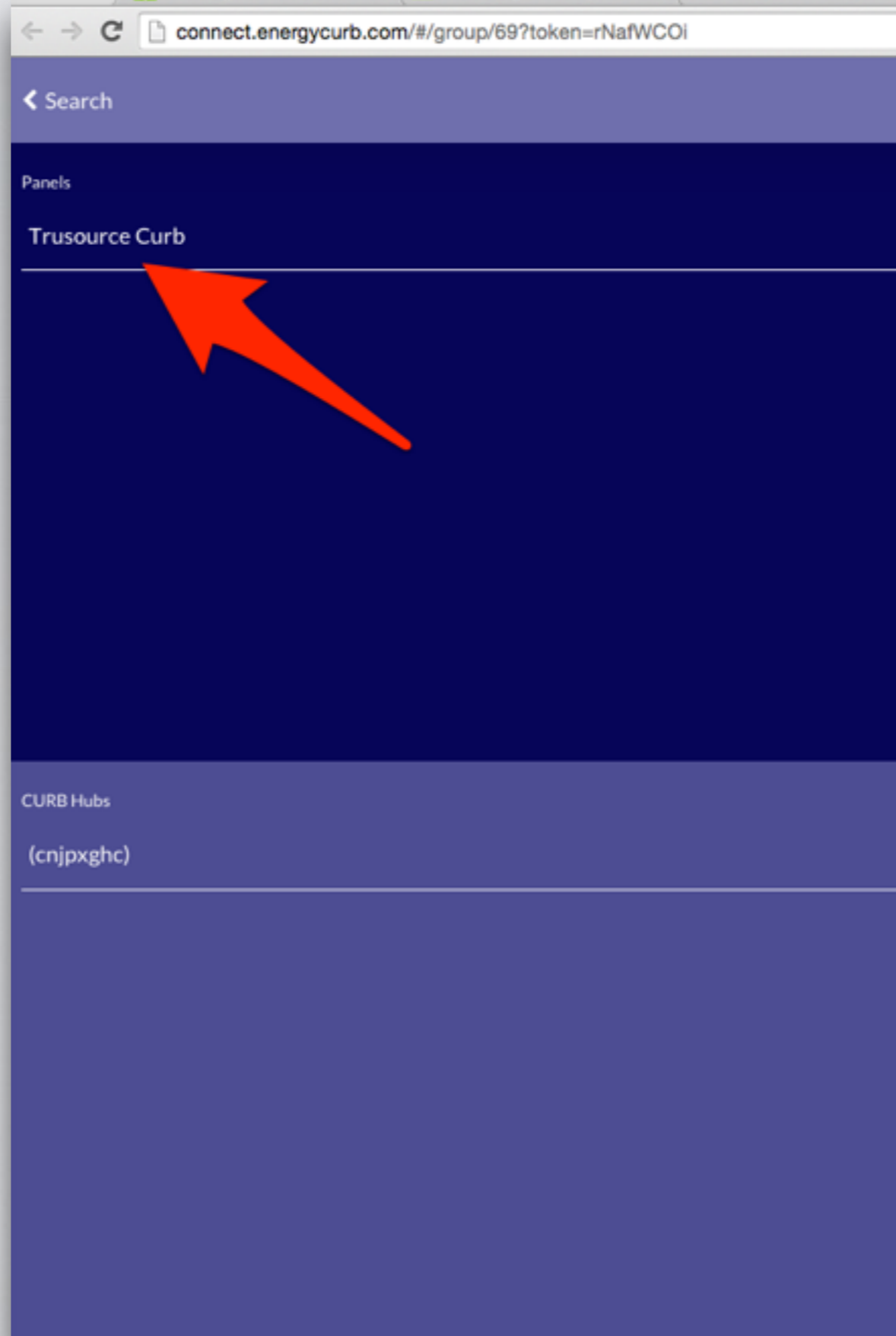


This is the main page that an installer will use to access both sections of the configuration process. You will see the Panel listed at the top and the CURB hub listed just below the middle of the page.



# How does one get to the Panel section?

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



# Panel Section

Installation		Panel			
Resource Curb					
Panel Location					
Outside					
Left			Right		
Breaker	Breaker Name	Amps	Breaker	Breaker Name	Amps
4	Light	20A	11	Computer rm	20A
	Notes	Phase		Notes	Phase
		BΦ			AΦ
Breaker	Breaker Name	Amps	Breaker	Breaker Name	Amps
5	Dining/oven	20A	12	Dryer	30A
	Notes	Phase		Notes	Phase
		AΦ			AΦ
Breaker	Breaker Name	Amps	Breaker	Breaker Name	Amps
6	Fridge	20A	13	Dryer	30A
	Notes	Phase		Notes	Phase
		AΦ			BΦ
Breaker	Breaker Name	Amps	Breaker	Breaker Name	Amps
7	Living rm/hall	20A	14	Plugs	20A
	Notes	Phase		Notes	Phase
		BΦ			BΦ
Breaker	Breaker Name	Amps	Breaker	Breaker Name	Amps

Each breaker inside of the panel will get labelled here.

# First, name the panel and include the panel location.

The screenshot shows a software interface with a dark blue background. At the top, there is a 'Name' field containing 'Trusource Curb' and a 'Panel Location' field containing 'Outside'. Two red arrows point to these fields. Below these fields is a light blue bar with the word 'Left'. Underneath is a table with two columns: 'Breaker' and 'Breaker Name'. The first row shows a green circle with the number '4' in the 'Breaker' column and 'Light' in the 'Breaker Name' column. Below the table is a 'Notes' field. At the bottom, there is a header for the table with 'Breaker' and 'Breaker Name' labels.

Breaker	Breaker Name
4	Light

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

4	Light	20A
	Notes	B $\phi$
Breaker	Breaker Name	Amps
5	Dining/oven	20A
	Notes	A $\phi$
Breaker	Breaker Name	Amps
6	Fridge	20A
	Notes	A $\phi$
Breaker	Breaker Name	Amps
7	Living rm/hall	20A

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 #

A screenshot of a software interface showing a dropdown menu for selecting a breaker number. The menu is open, displaying a list of numbers from 1 to 8. The number 4 is selected and highlighted with a blue background and a white checkmark to its left. To the right of the list, the text 'Breaker Name' is visible above the selected value 'Light'. Below this, the text 'Notes' is visible. The interface has a dark blue background.

Amperage

A screenshot of a software interface showing a dropdown menu for selecting amperage. The menu is open, displaying a list of amperage values: 10A, 15A, 20A, 25A, 30A, 35A, 40A, and 45A. The value 20A is selected and highlighted with a blue background and a white checkmark to its left. The interface has a dark blue background.

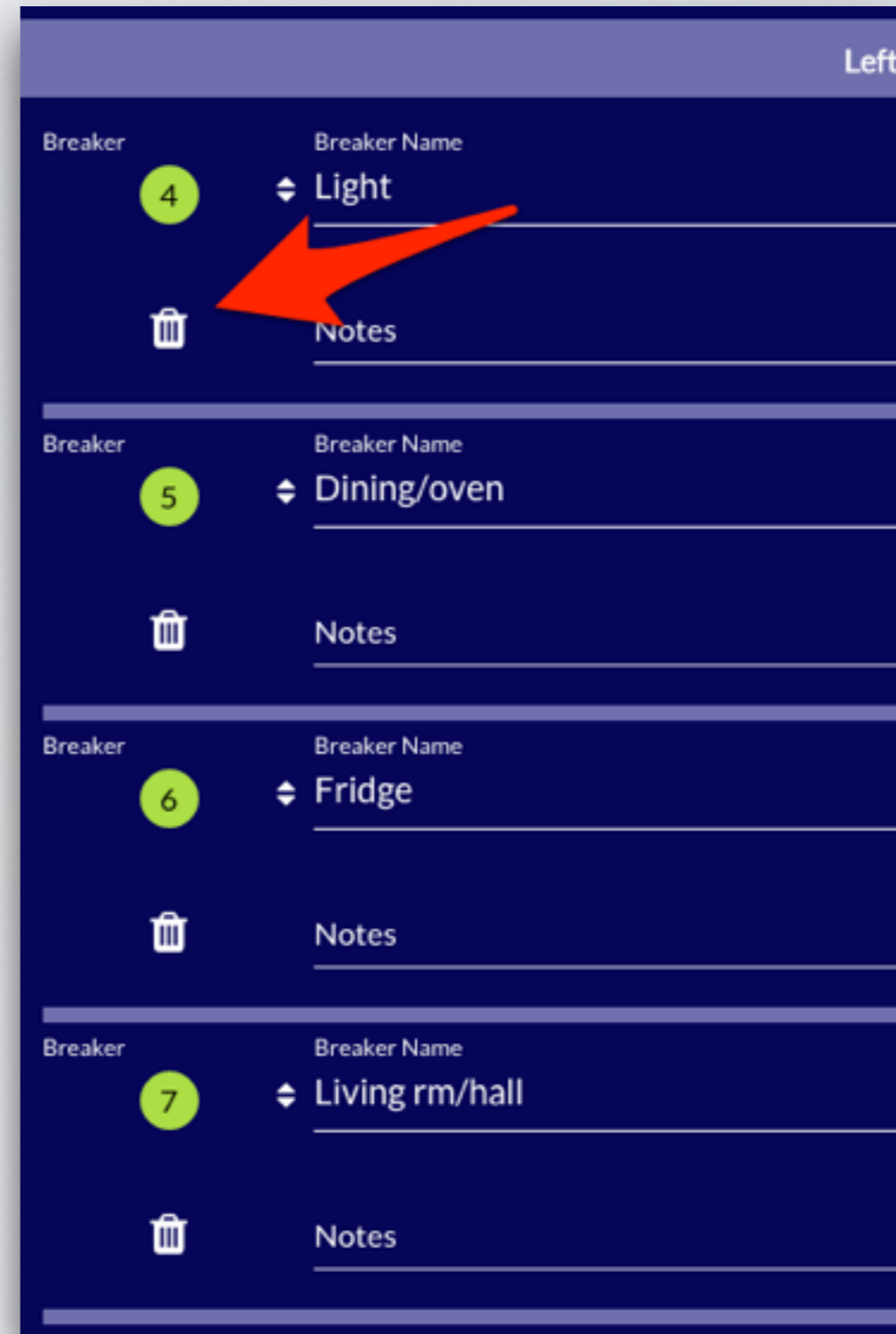
Phase

A screenshot of a software interface showing a dropdown menu for selecting phase. The menu is open, displaying a list of phase options: Aφ, Bφ, and Cφ. The value Bφ is selected and highlighted with a blue background and a white checkmark to its left. Above the list, the text 'Amps' is visible above the selected value '20A'. The interface has a dark blue background.

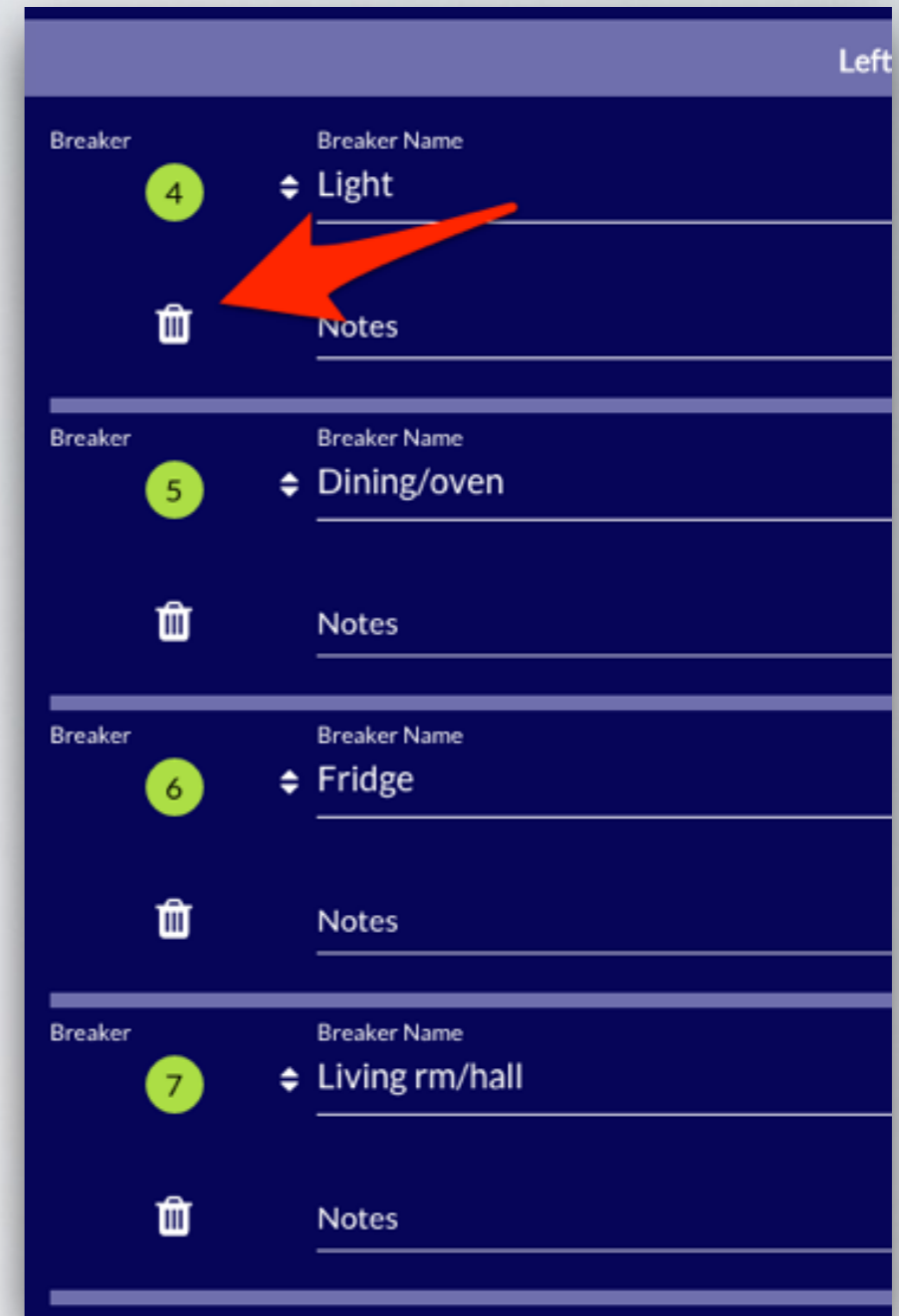
# You can remove unwanted breakers

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.



# 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

Breaker	Breaker Name	Amps	Phase
1	Plug	10A	A $\phi$
2	AC	10A	A $\phi$

[+ Add Breaker](#)

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”.

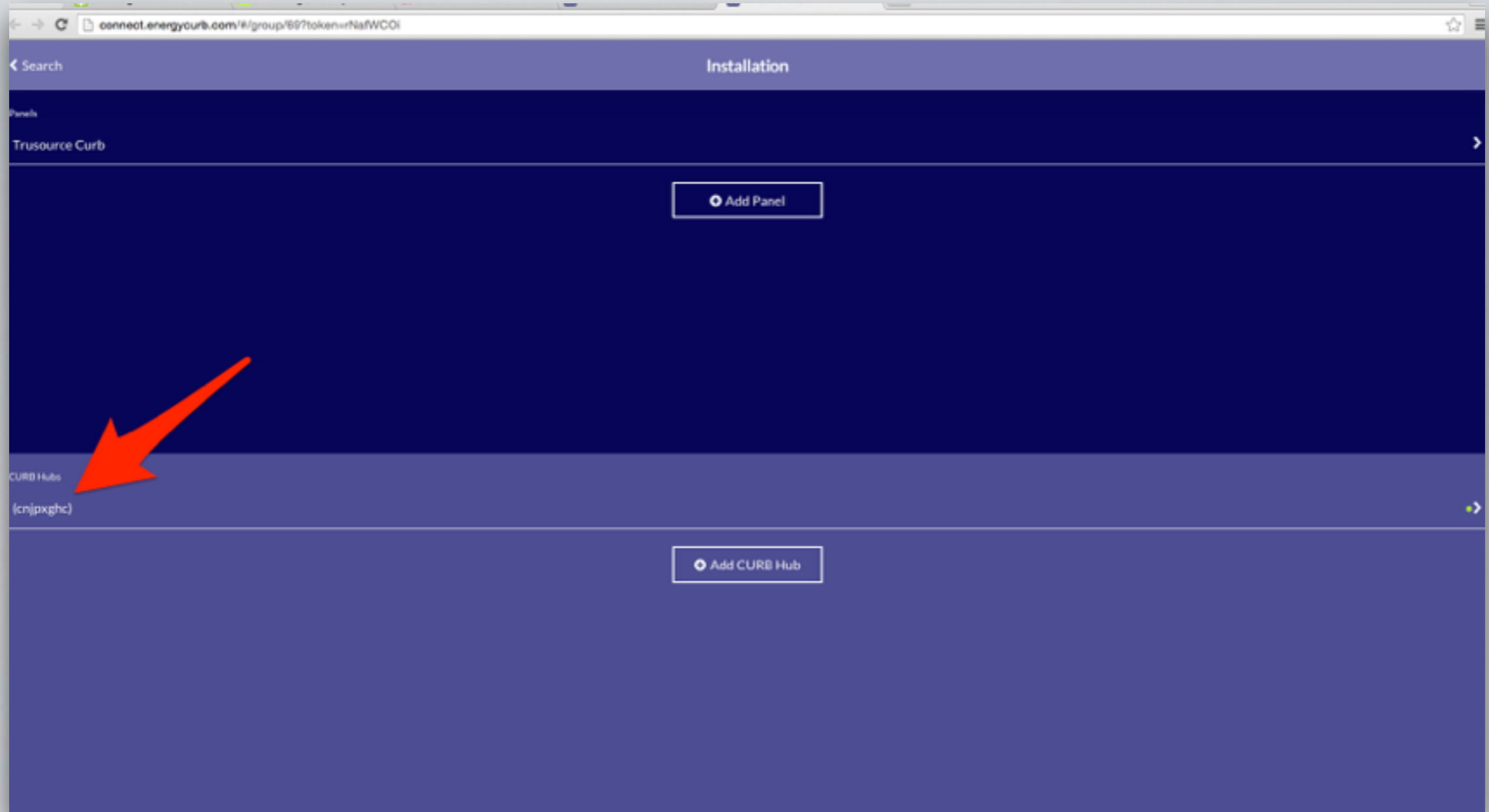
# Getting out of the Panel Section



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

I					II				
Clamp	Phase	+/-	CT Size	Panel	Clamp	Phase	+/-	CT Size	Panel
A	A $\phi$	<input type="checkbox"/>	100A	↕No Panel	A	B $\phi$	<input checked="" type="checkbox"/>	100A	↕No Panel
297 W 2.530 A 0.9927 cos $\phi$					263 W 2.433 A -0.9677 cos $\phi$				
Main <input checked="" type="checkbox"/>					Main <input checked="" type="checkbox"/>				
B	A $\phi$	<input type="checkbox"/>	30A	↕Trusource Curb	B	B $\phi$	<input type="checkbox"/>	30A	↕No Panel
1 W 0.004 A -0.4626 cos $\phi$					1 W 0.004 A -0.3344 cos $\phi$				
Main <input type="checkbox"/>					Main <input type="checkbox"/>				
Clamped Breaker					Clamped Breaker				
2 AC 10 amps <input type="checkbox"/> <input type="checkbox"/>					No Breaker <input type="checkbox"/> <input type="checkbox"/>				
Display Name					Display Name				
AC					AC				
Multiplier					Multiplier				
Single Pole					Single Pole				
Production					Production				
No					No				

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.

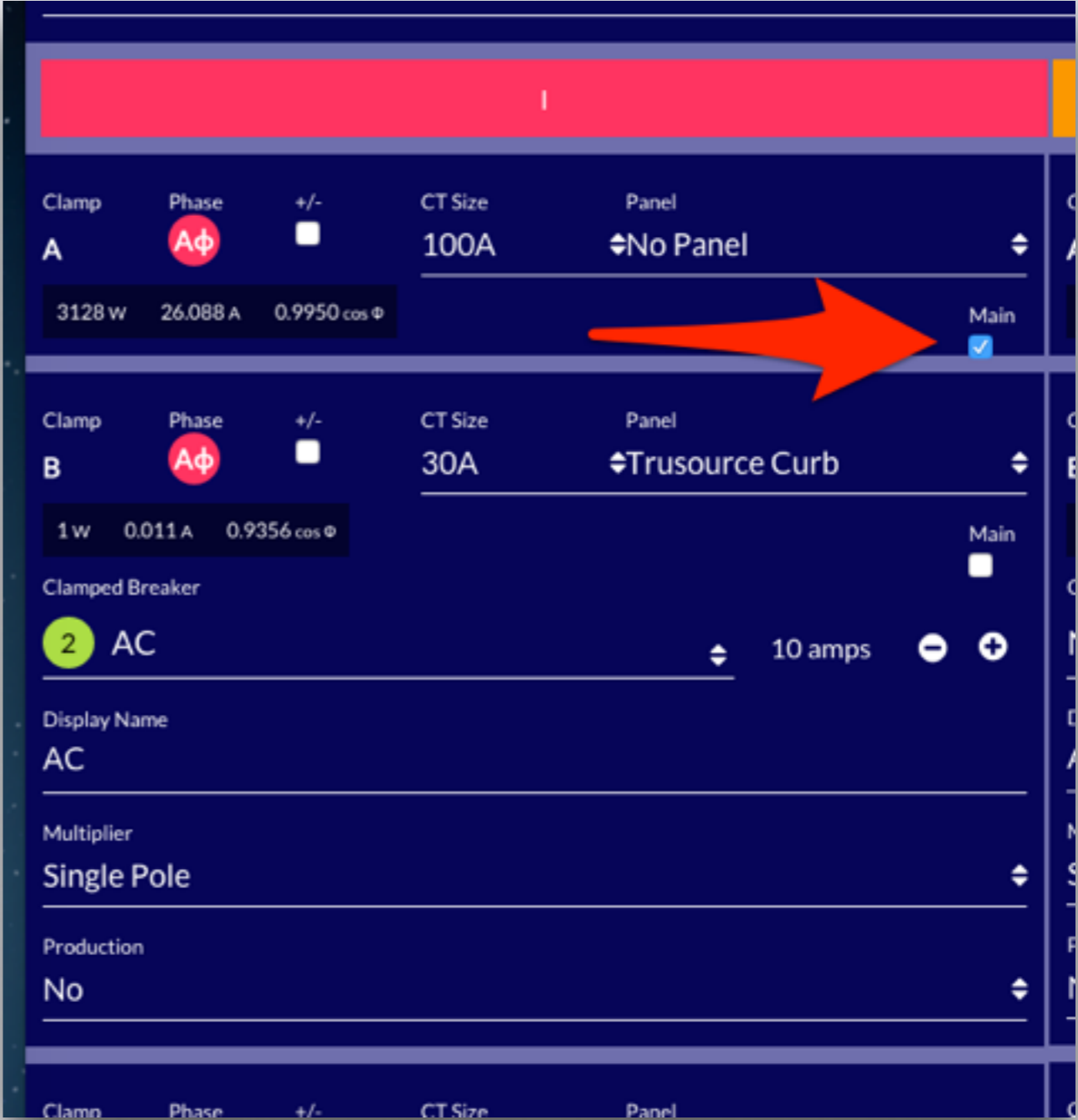


# Each clamp on each block will get a letter assignment.

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".

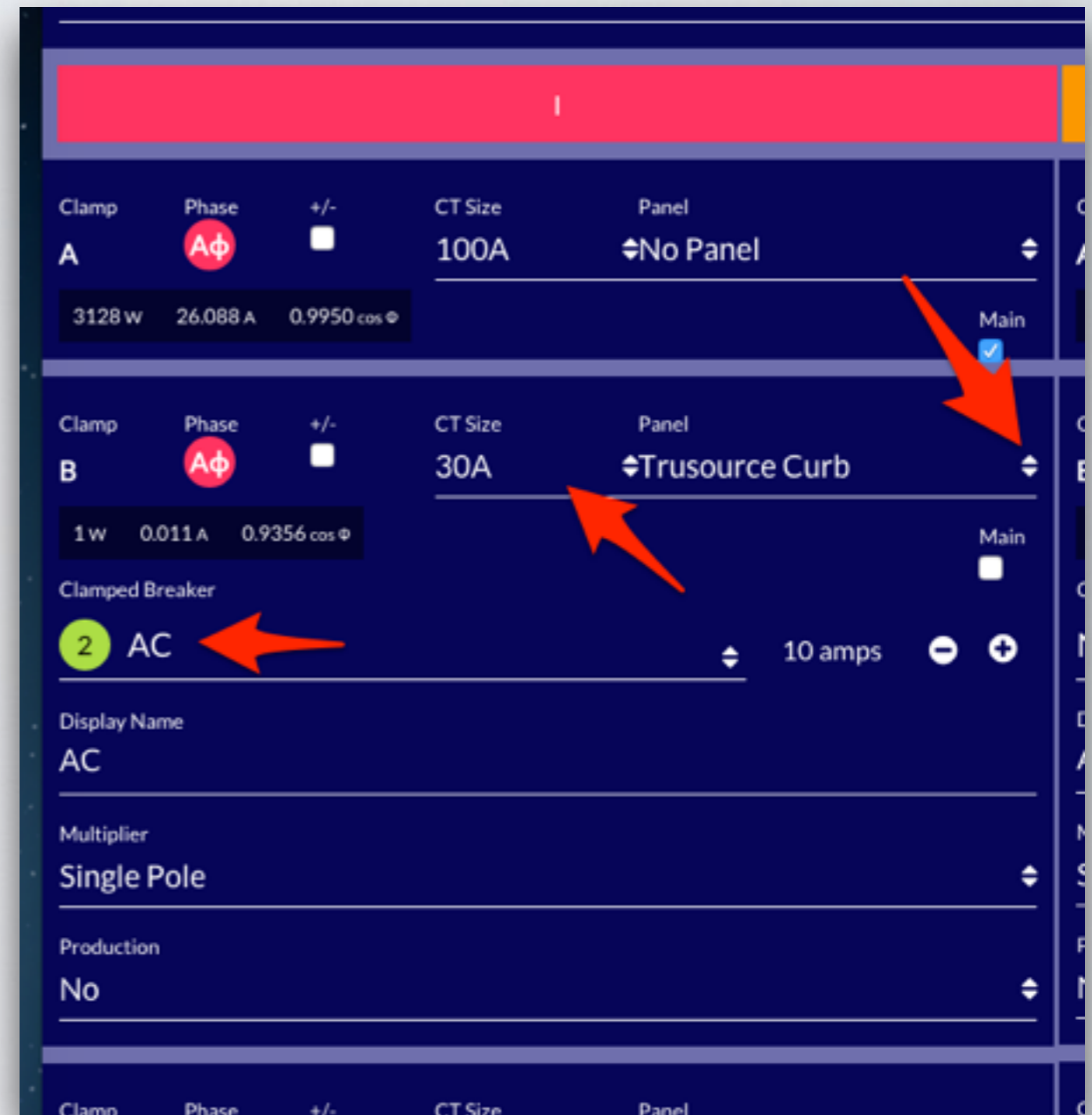


Every block has 6 available slots for CT clamps. Each block will label the clamps alphabetically (A-F). On blocks 1 & 2, the mains will always need to be the "A" clamps and they need to be labelled as the main. You will see the check box that needs to be selected in the photo.

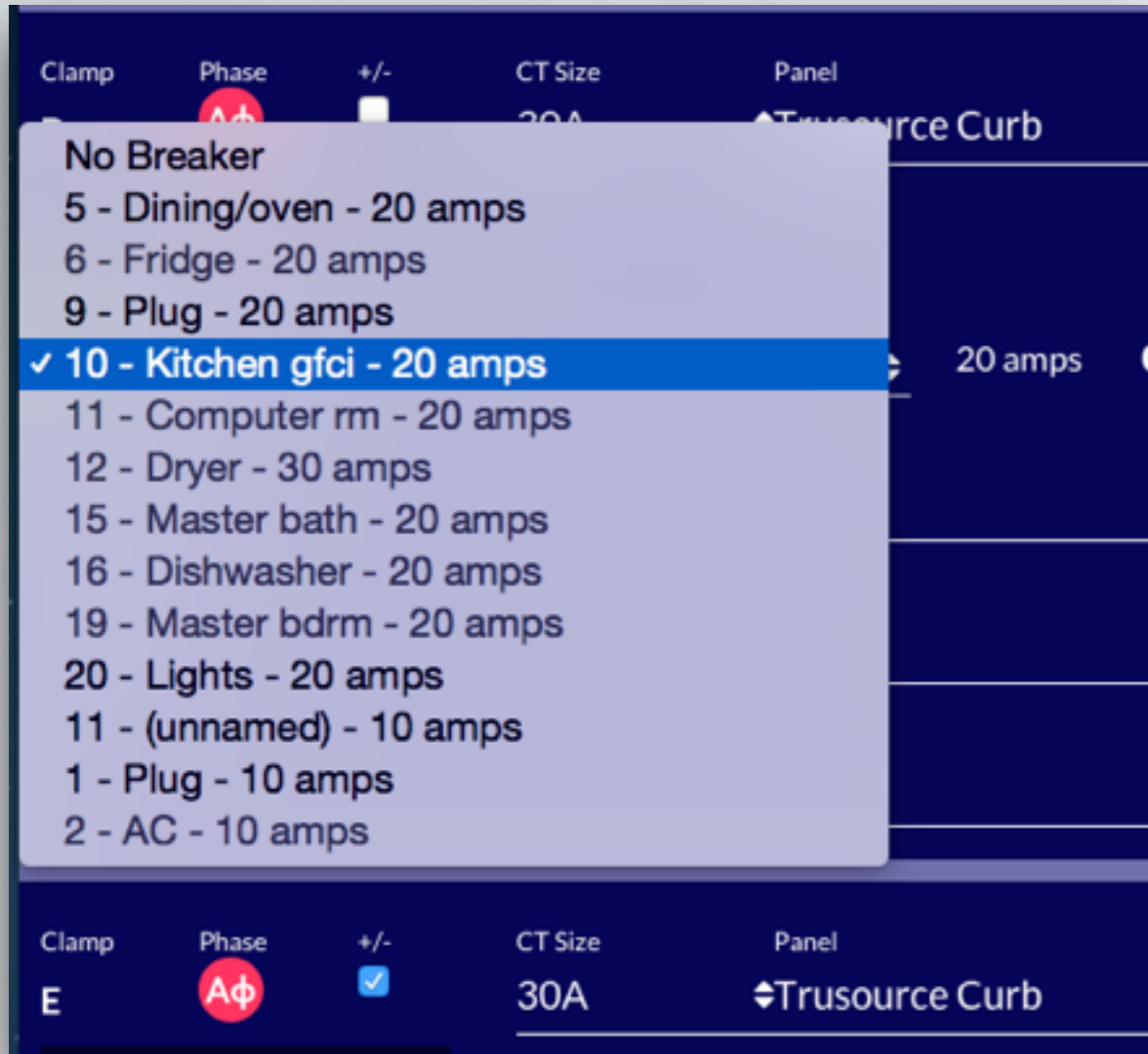


# Next, make sure each clamp has a Breaker, CT Size, and Panel assigned.

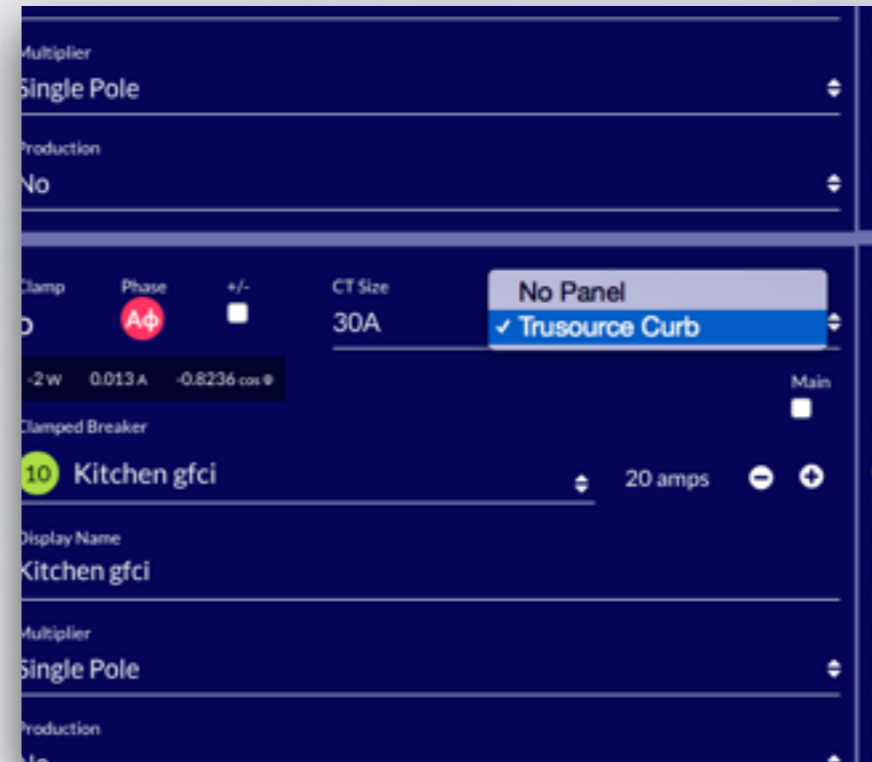
If you have properly labelled all of your breakers on the panel section of the configuration app, you will be able to select from a drop down selection box that contains all of the breakers you have labelled.



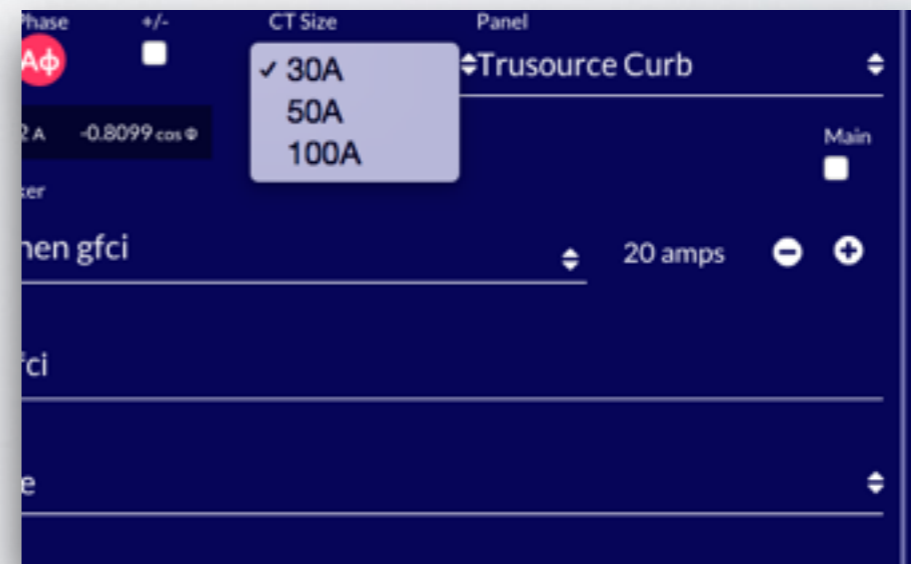
# General Clamp Assignment



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

Clamp	Phase	+/-	CT Size	Panel
A	A $\phi$	<input type="checkbox"/>	100A	No Panel
3128 W 26.088 A 0.9950 cos $\phi$				
B	A $\phi$	<input type="checkbox"/>	30A	Trusource Curb
1 W 0.011 A 0.9356 cos $\phi$				

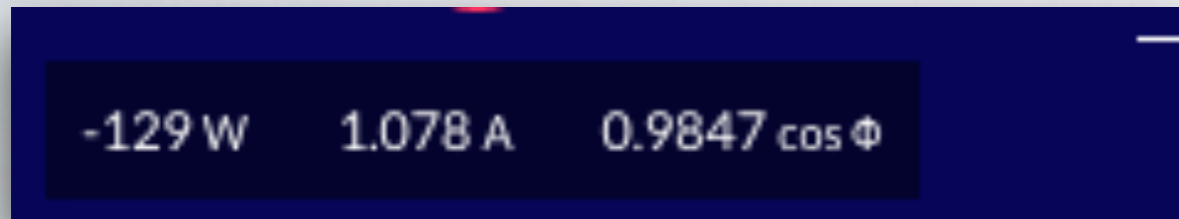
Clamped Breaker: 2 AC 10 amps

Display Name: AC

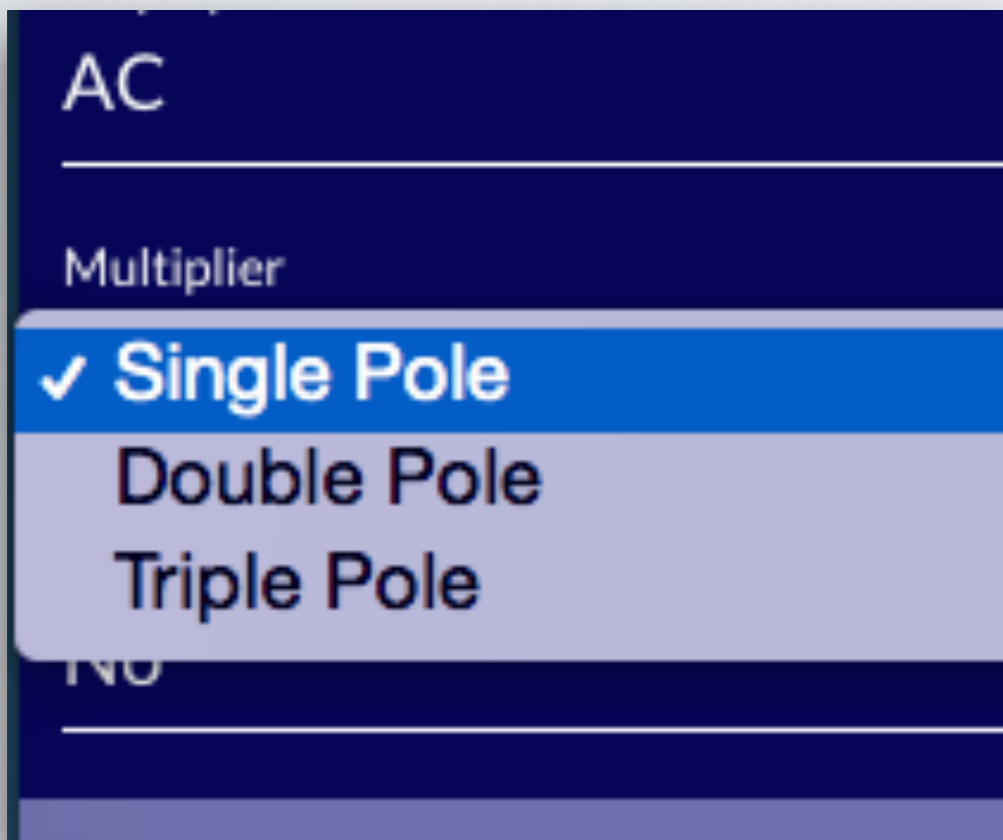
Multiplier: Single Pole

Production: No

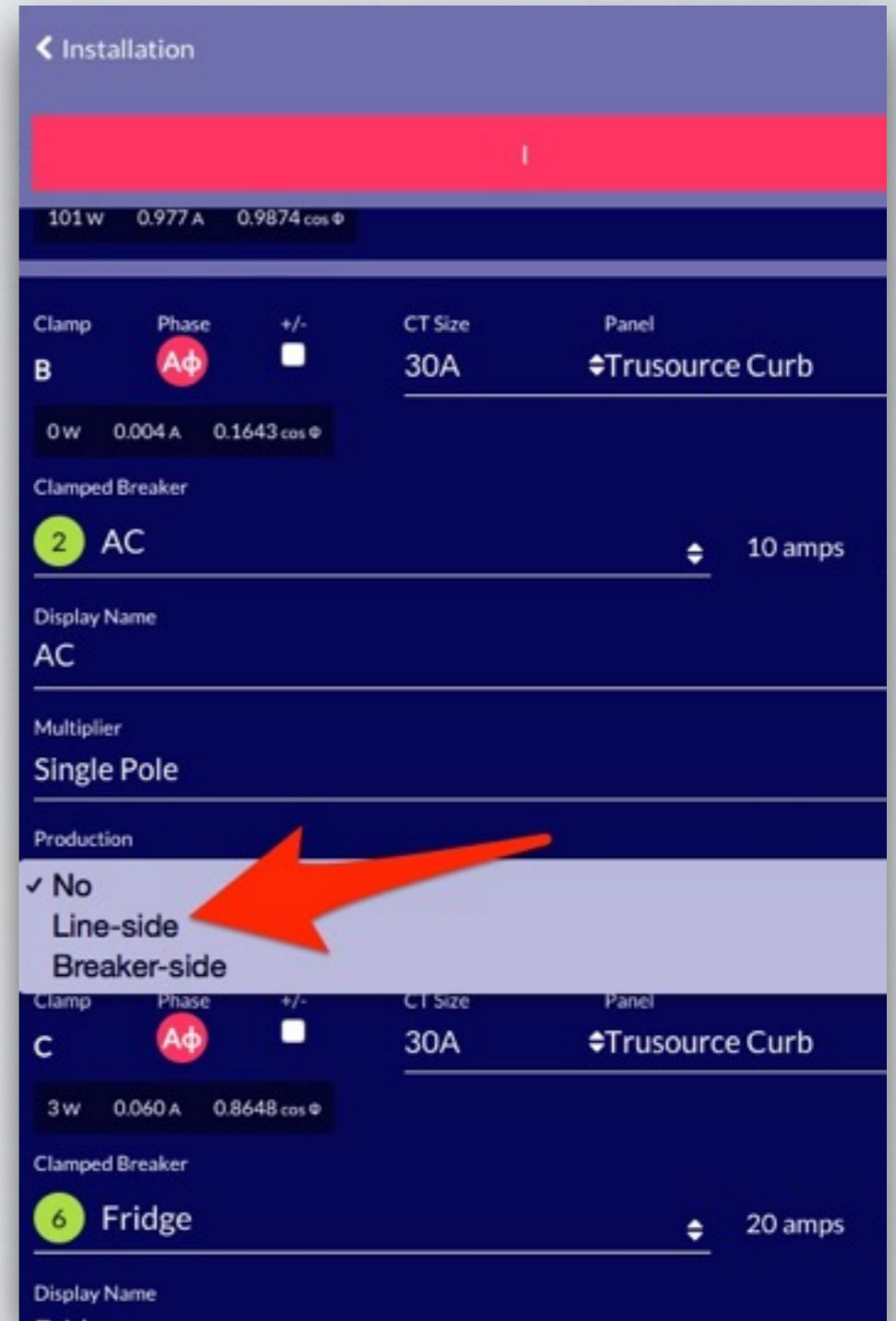
# Further Clamp details



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.



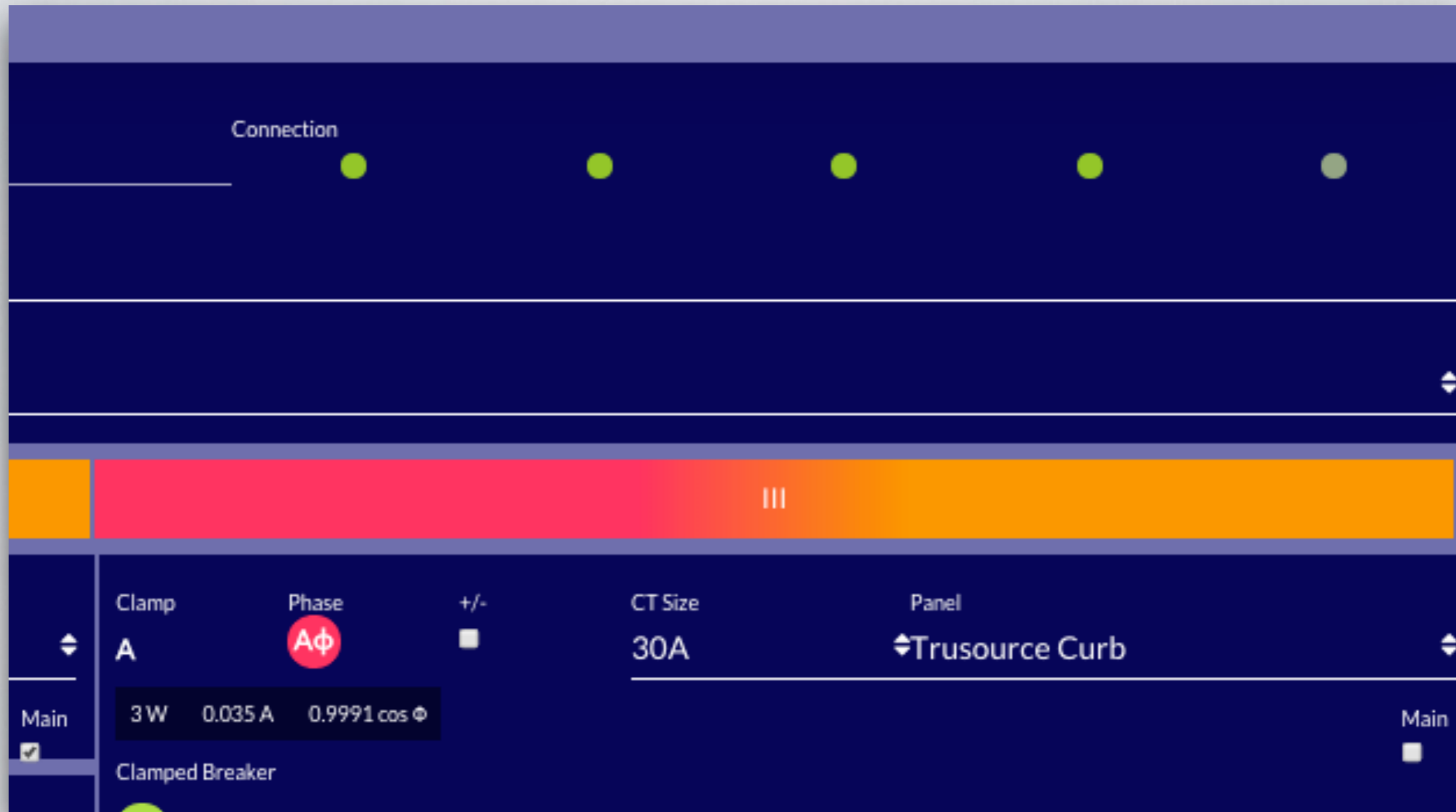
# Block 3

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.

Clamp	Phase	+/-	CT Size	Panel
A	A	■	30A	Trusource Curb
3 W 0.039 A 0.9994 cos $\phi$				
Clamped Breaker				
15 Master bath 20 amps				
Display Name Master bath				
Multiplier Single Pole				
Production No				
B	A	■	30A	Trusource Curb
0 W 0.006 A -0.7435 cos $\phi$				
Clamped Breaker				
15 Dishwasher 20 amps				
Display Name Dishwasher				
Multiplier Single Pole				
Production No				
C	A	■	30A	Trusource Curb
0 W 0.006 A -0.8005 cos $\phi$				
Clamped Breaker				
15 Master bdrm 20 amps				
Display Name Master bdrm				
Multiplier Single Pole				
Production No				
D	B	■	30A	No Panel
0 W A cos $\phi$				
Clamped Breaker				
No Breaker				
Display Name				
Multiplier Single Pole				
Production No				

# 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.

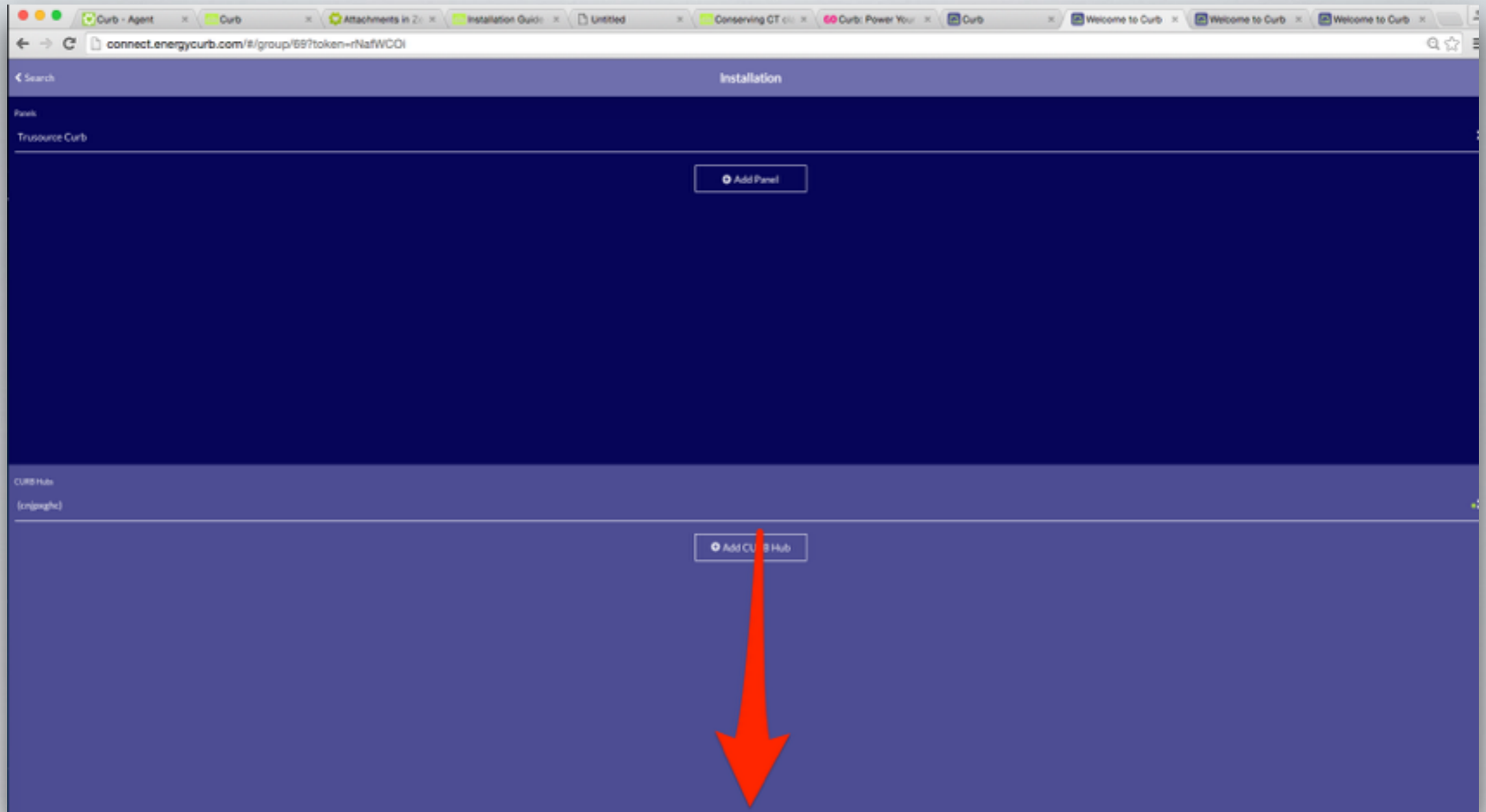
# One last detail to finalizing the install

The screenshot shows the CURB Hub interface with the following details:

- Top Bar:** Installation (with a red arrow pointing to it), CURB Hub, and Connection status.
- Hub ID:** cnjpxghc
- Name:** (Empty)
- Panel:** Trusource Curb
- Clamp Assignments:**
  - Phase I:**
    - Clamp A: 100A, No Panel, 105 W, 0.991 A, 0.9849 cos φ
    - Clamp B: 30A, Trusource Curb, 0 W, 0.004 A, -0.0493 cos φ
    - Clamp C: 30A, Trusource Curb, -137 W, 1.174 A, 0.9828 cos φ
  - Phase II:**
    - Clamp A: 100A, No Panel, 381 W, 3.800 A, -0.8189 cos φ
    - Clamp B: 30A, No Panel, 0 W, 0.005 A, 0.6263 cos φ
    - Clamp C: 30A, Trusource Curb, 23 W, 0.225 A, -0.7438 cos φ
  - Phase III:**
    - Clamp A: 30A, 4 W, 0.039 A, 0.9965 cos φ
    - Clamp B: 30A, 1 W, 0.006 A, -0.6456 cos φ
- Clamped Breakers:**
  - Clamp B (I): 2 AC, 10 amps
  - Clamp C (I): 6 Fridge, 20 amps
  - Clamp C (II): 7 Living rm/hall, 20 amps
  - Clamp A (III): 15 Master bath
  - Clamp B (III): 16 Dishwasher
- Device Details (Right Side):**
  - Master bath: Display Name: Master bath, Multiplier: Single Pole, Production: No
  - Dishwasher: Display Name: Dishwasher, Multiplier: Single Pole, Production: No

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.

