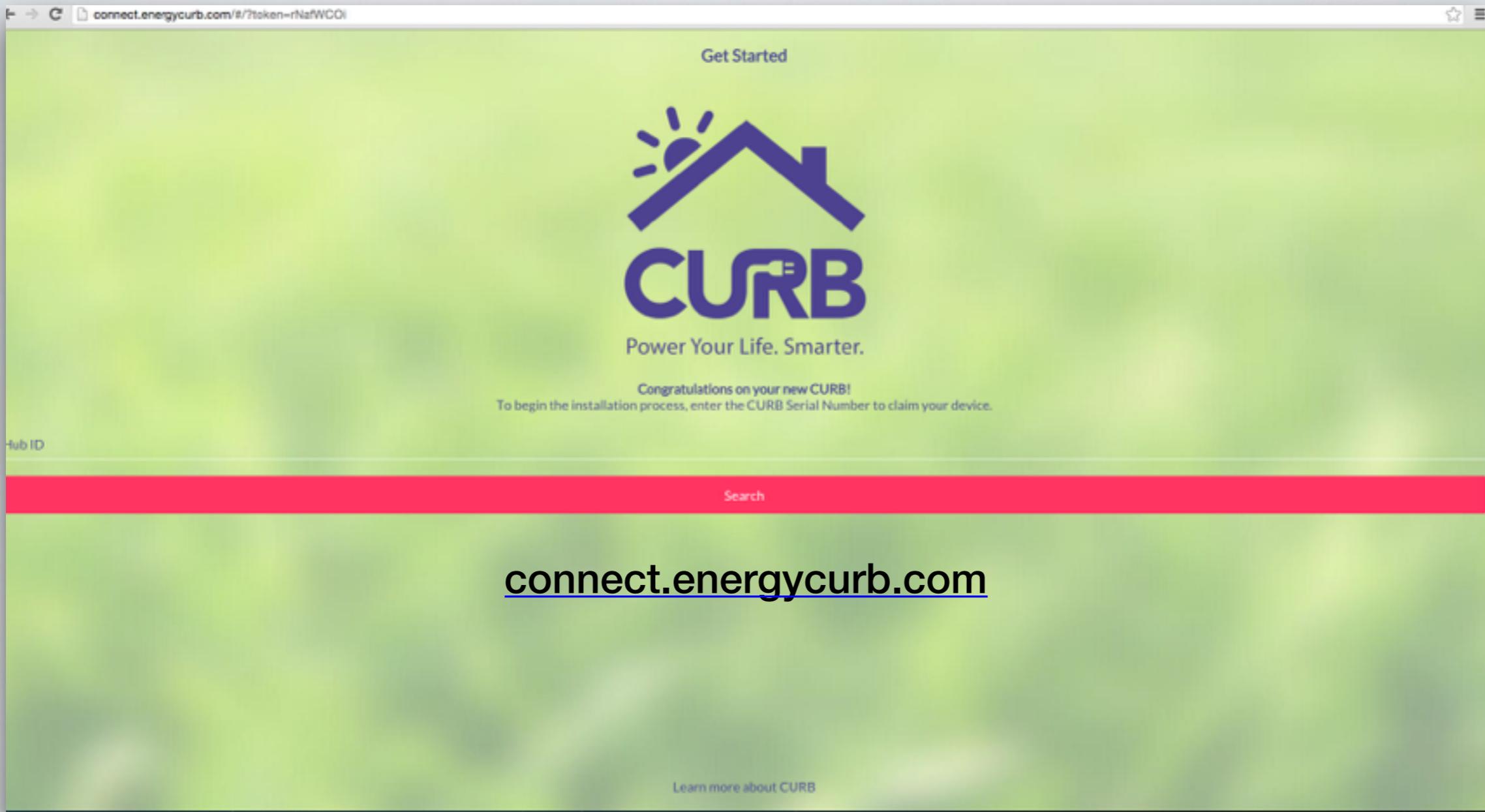


Using the CURB Configuration App



The screenshot shows a web browser window with the URL connect.energycurb.com/#/?token=rNafWCOI. The page has a green gradient background. At the top center, there is a purple CURB logo with a house roof and sun icon, and the text "Power Your Life. Smarter.". Below the logo, a message says "Congratulations on your new CURB! To begin the installation process, enter the CURB Serial Number to claim your device." A red search bar contains the placeholder text "Search". At the bottom, there is a link "Learn more about CURB".

Get Started

CURB

Power Your Life. Smarter.

Congratulations on your new CURB!
To begin the installation process, enter the CURB Serial Number to claim your device.

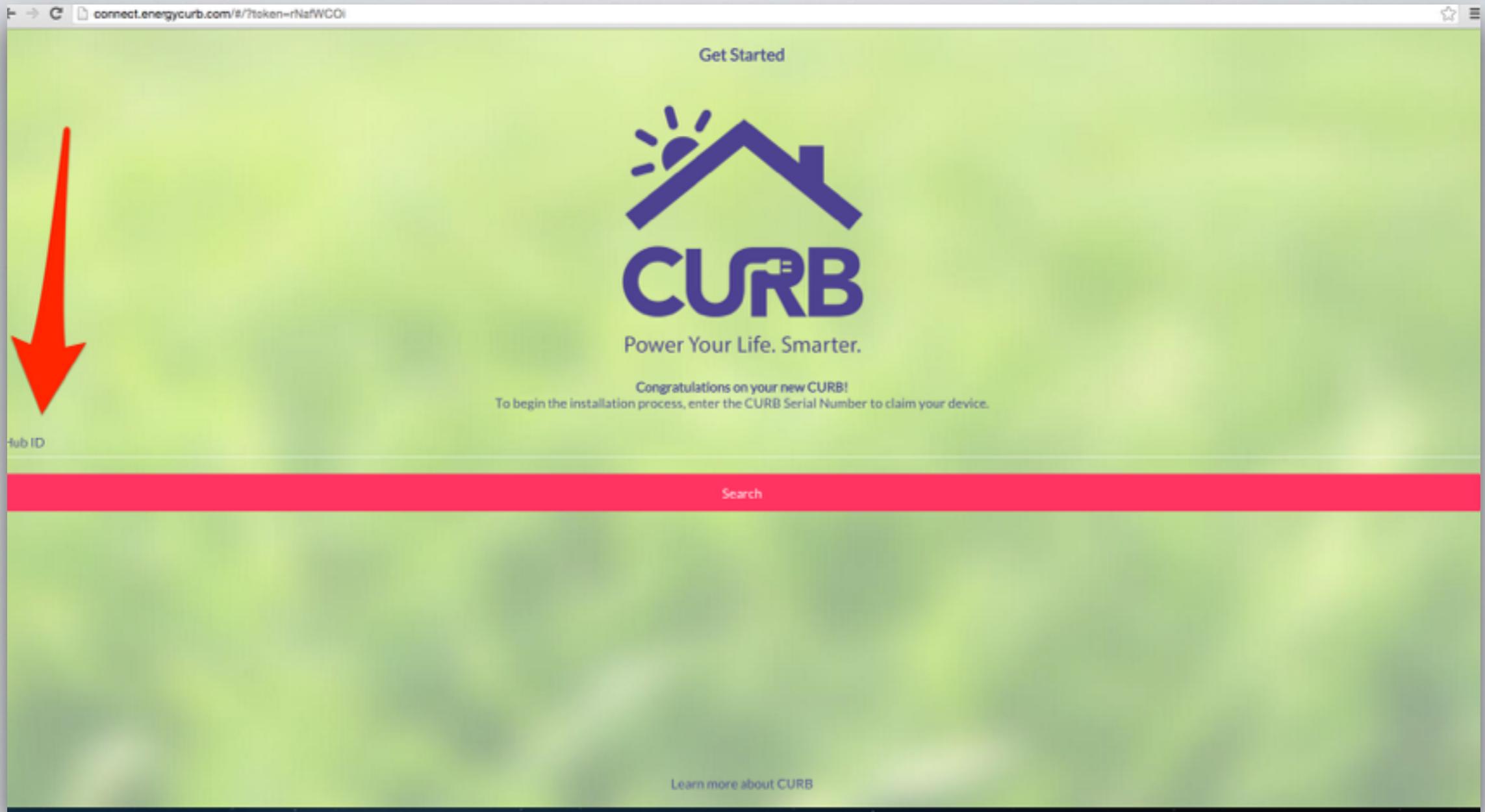
Search

connect.energycurb.com

Learn more about CURB



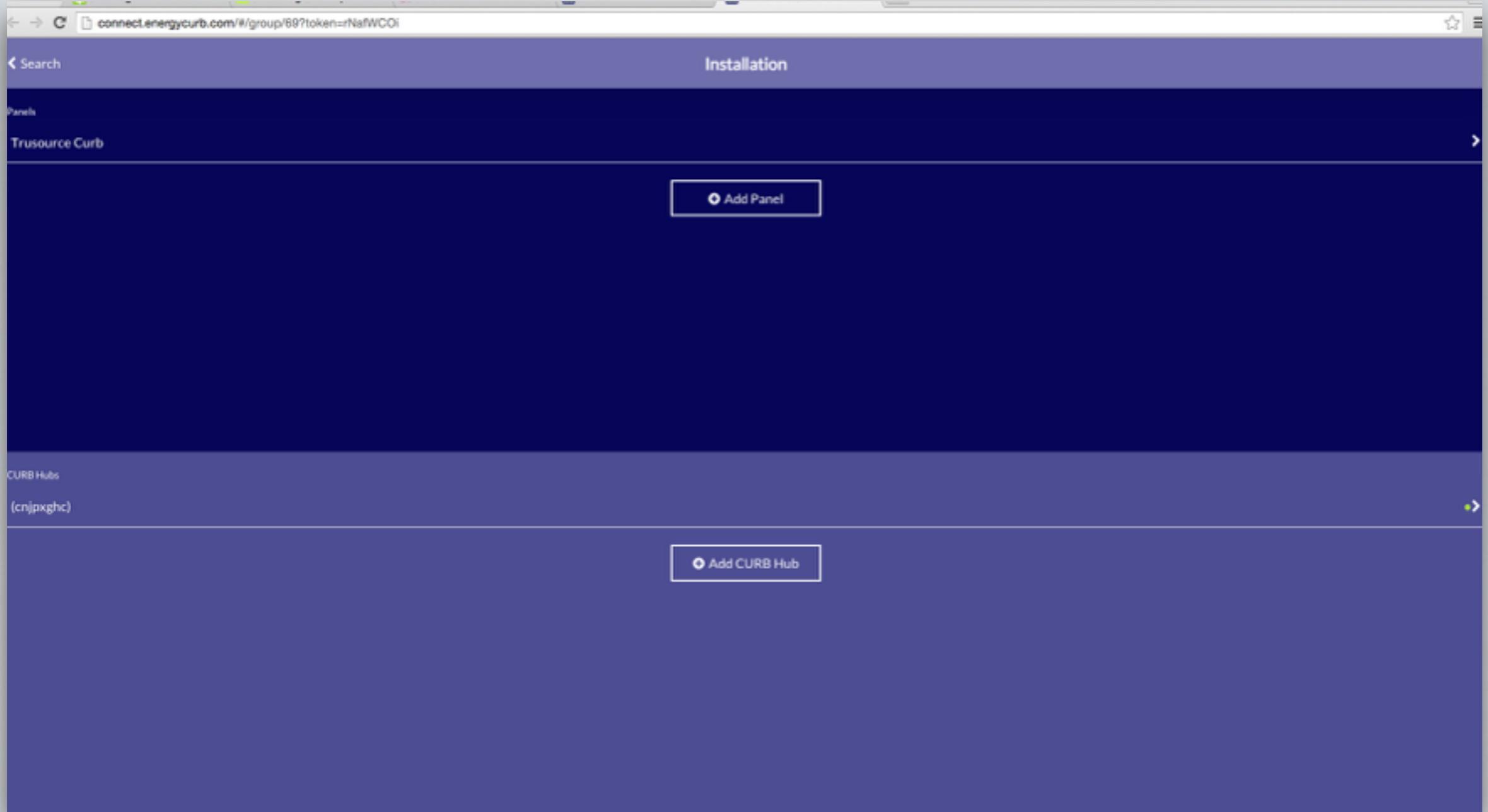
Enter connect.energycurb.com



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

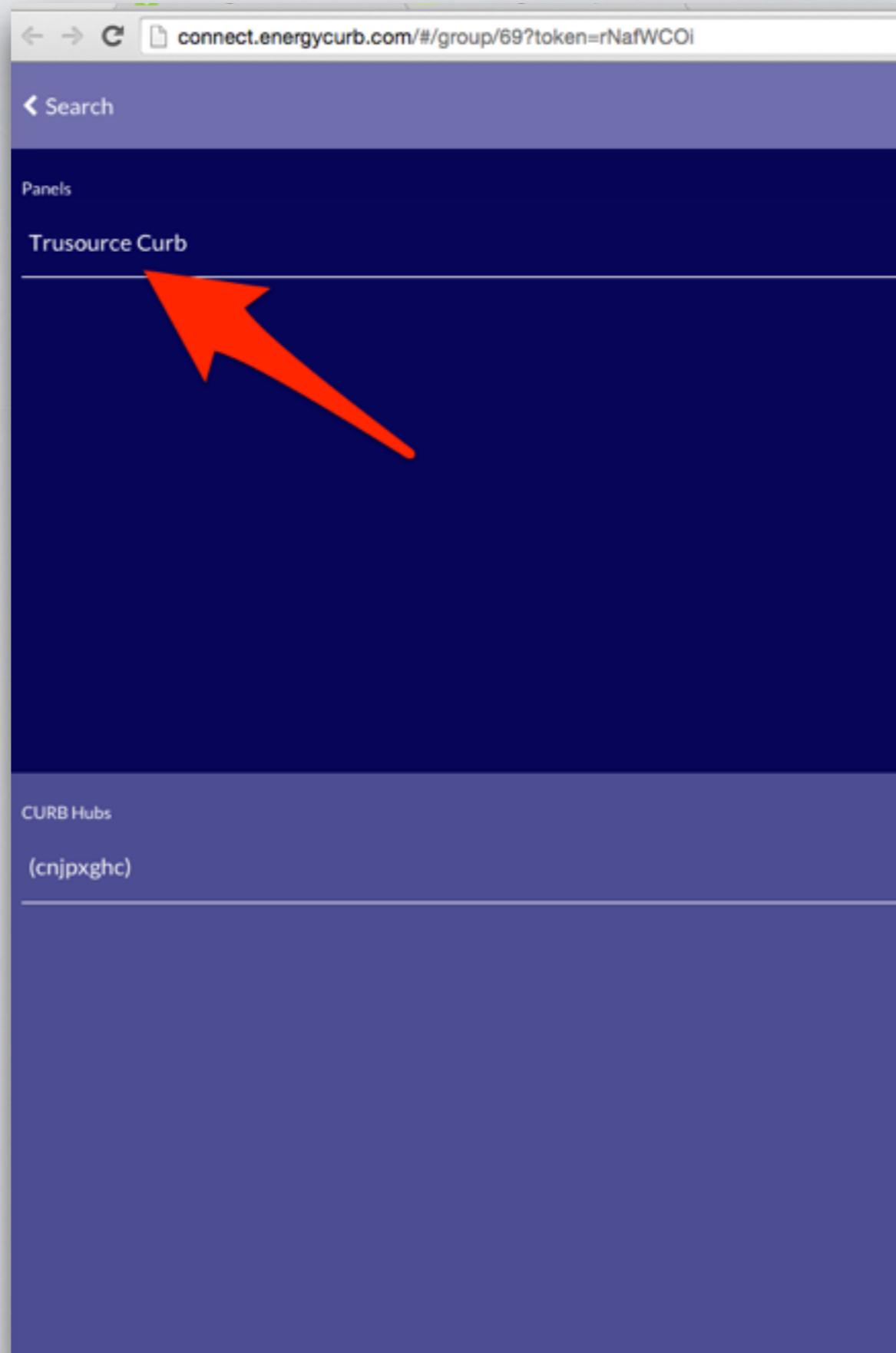


This is the main page that an installer will use to access both sections of the configuration process. You will see the Panel listed at the top and the CURB hub listed just below the middle of the page.



How does one get to the Panel section?

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



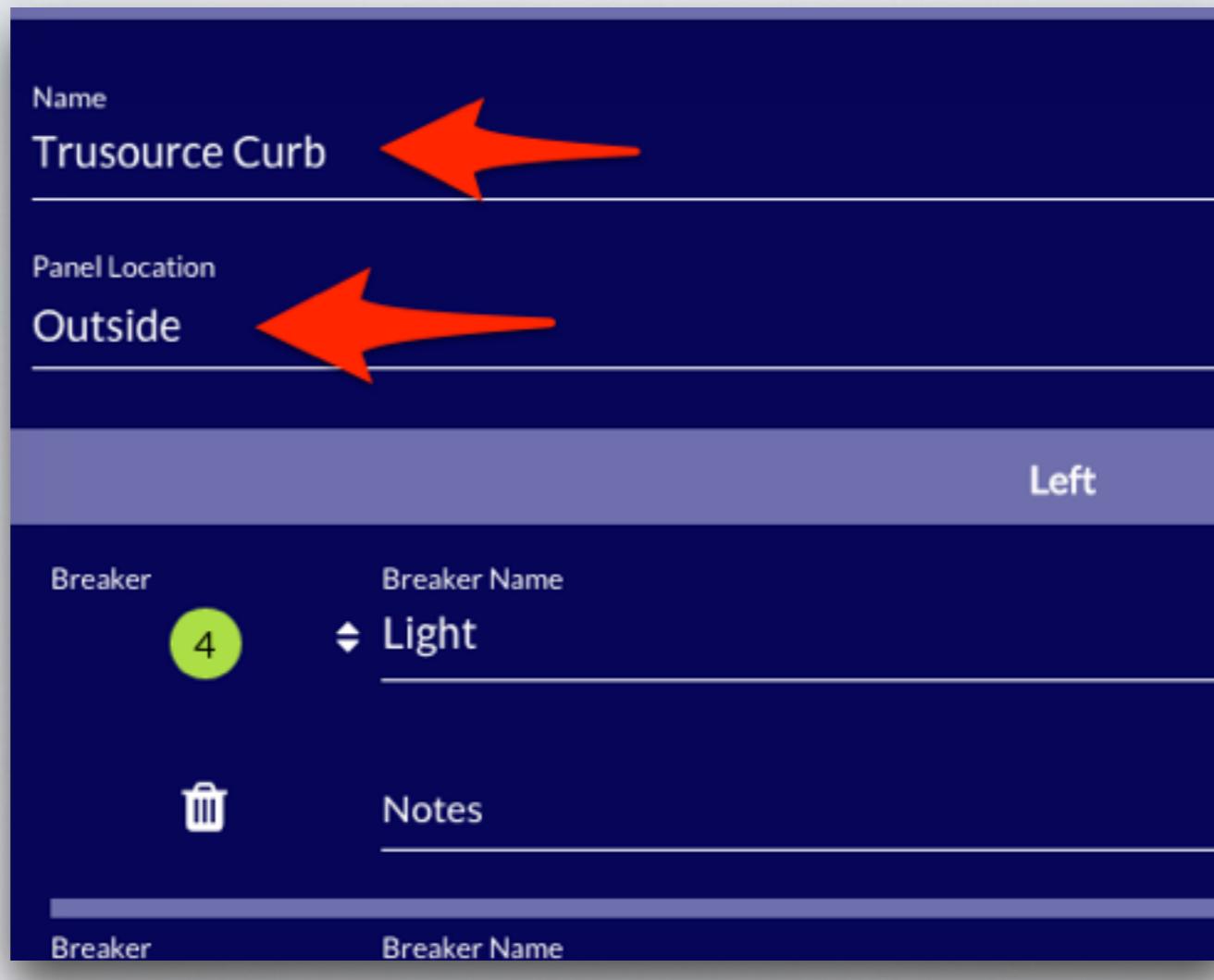
Panel Section

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



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	Phase Bφ
Breaker	Breaker Name	Amps
5	Dining/oven	20A
	Notes	Phase Aφ
Breaker	Breaker Name	Amps
6	Fridge	20A
	Notes	Phase Aφ
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



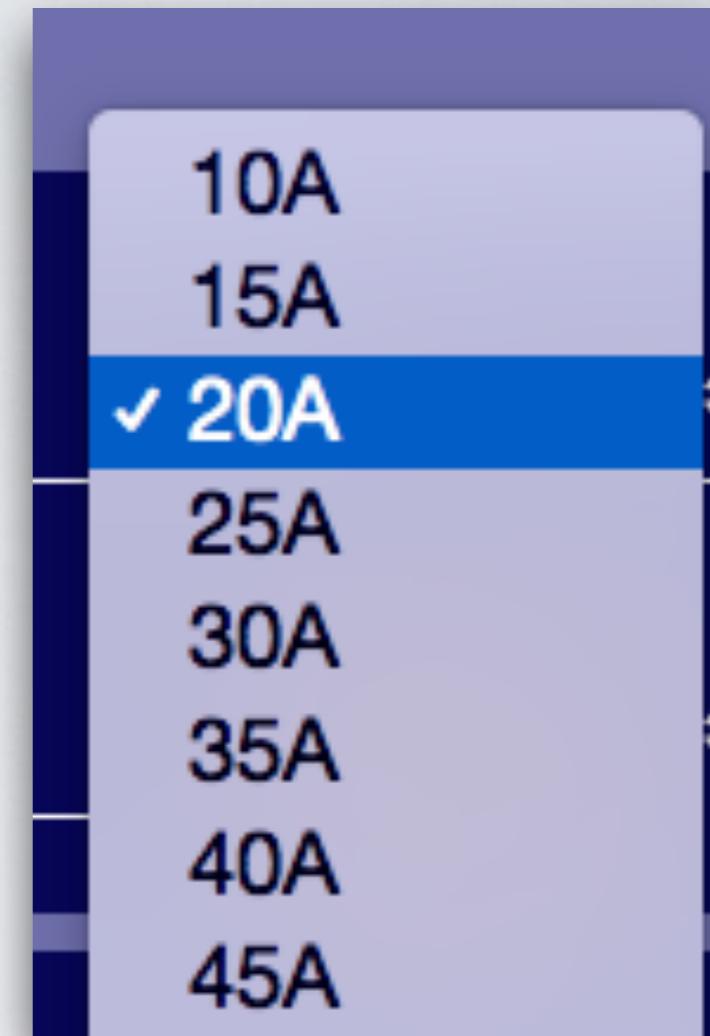
Clicking the up/down arrows will open a drop down list to select from.

Examples of the drop down selection boxes:

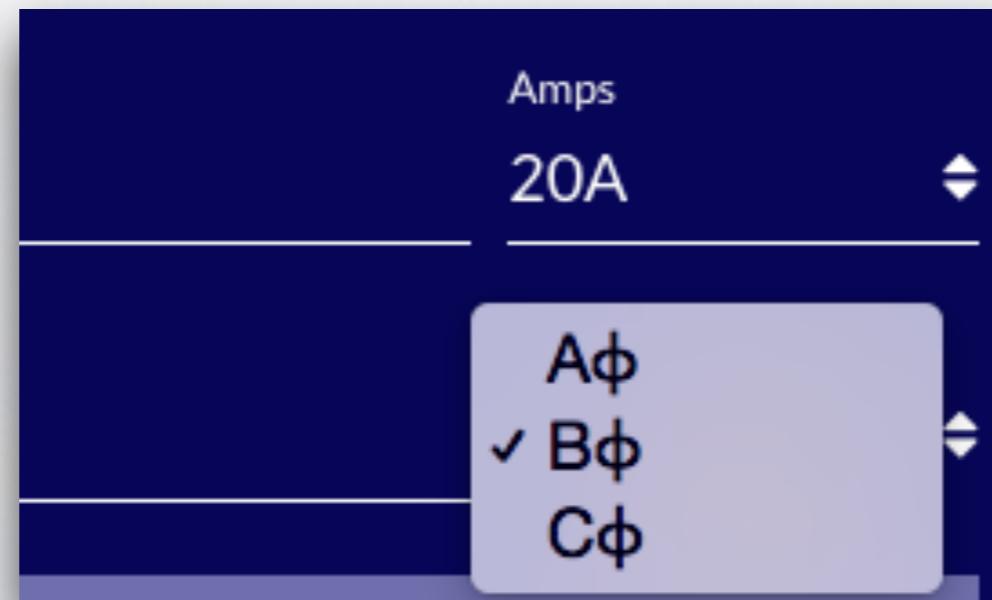
Breaker #

A screenshot of a mobile application interface. On the left, there is a vertical list of numbers from 1 to 8, with '4' highlighted by a blue bar and a checkmark icon. To the right of this list is a form field labeled 'Breaker Name' with the value 'Light'. Below this is a 'Notes' field with a blank line.

Amperage



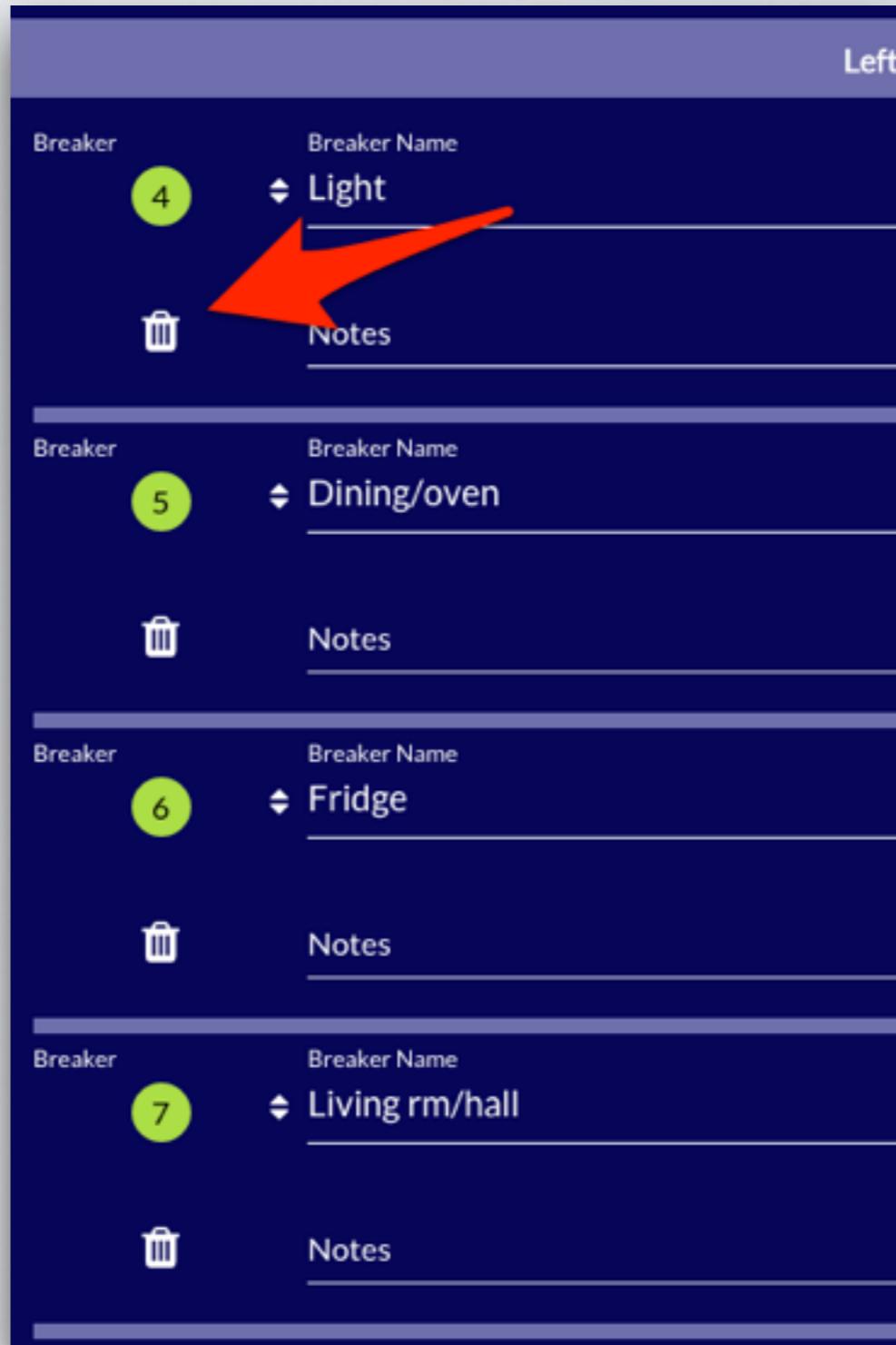
Phase



You can remove unwanted breakers

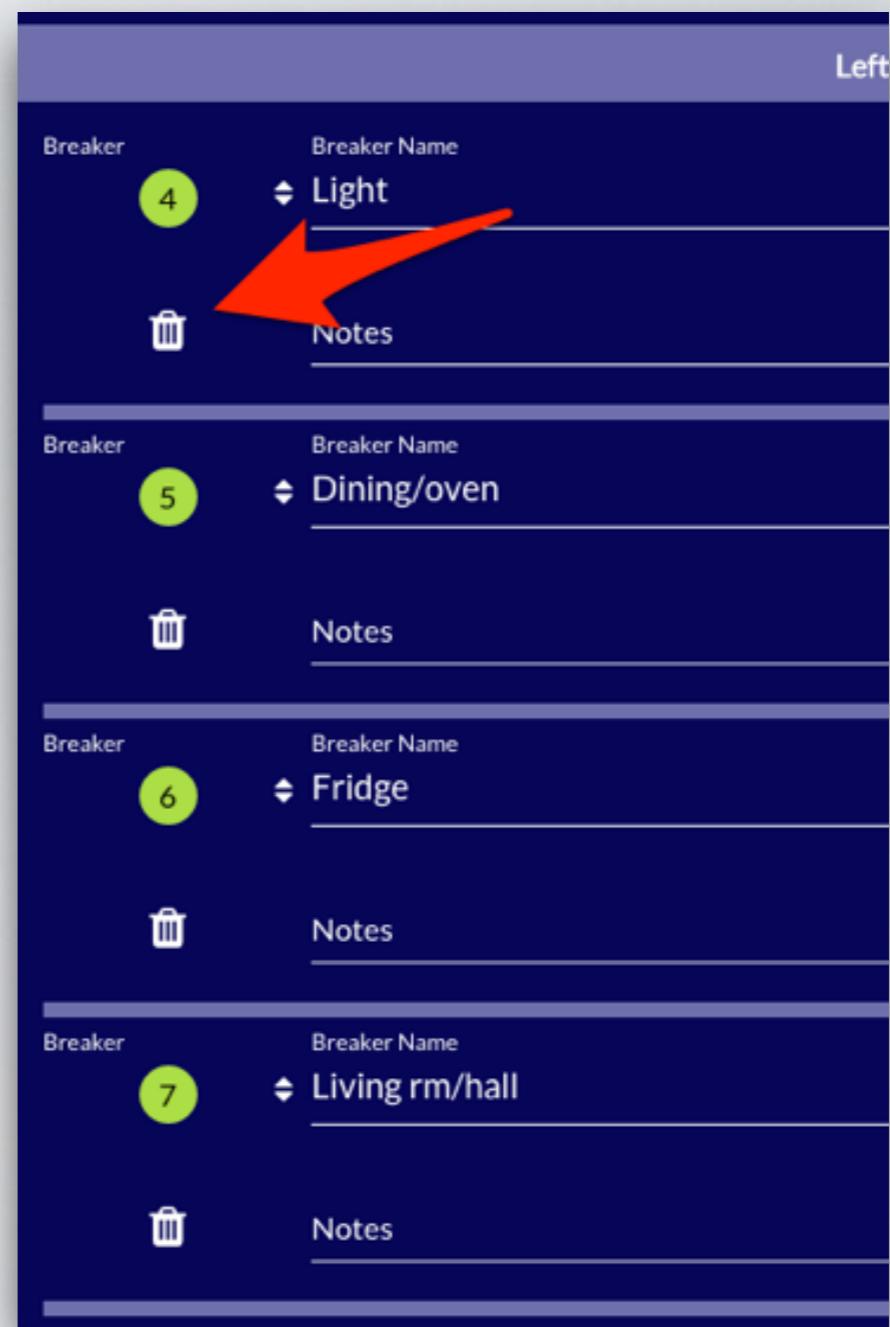
You can trash the breaker to start over and remove the breaker from being monitored.

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



You can remove unwanted breakers

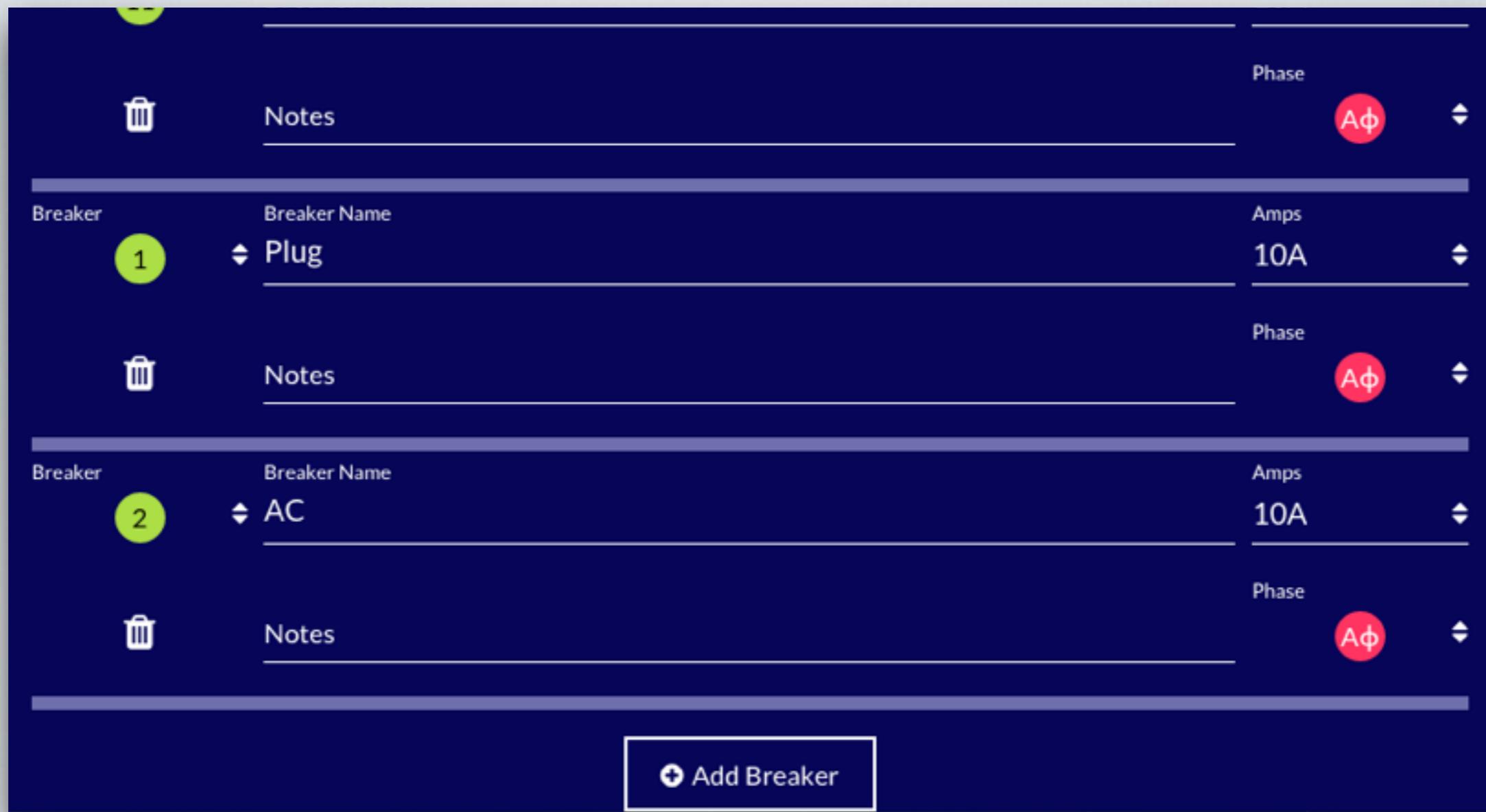
Notes are convenient when an install requires combining wires into a single CT clamp.



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”.



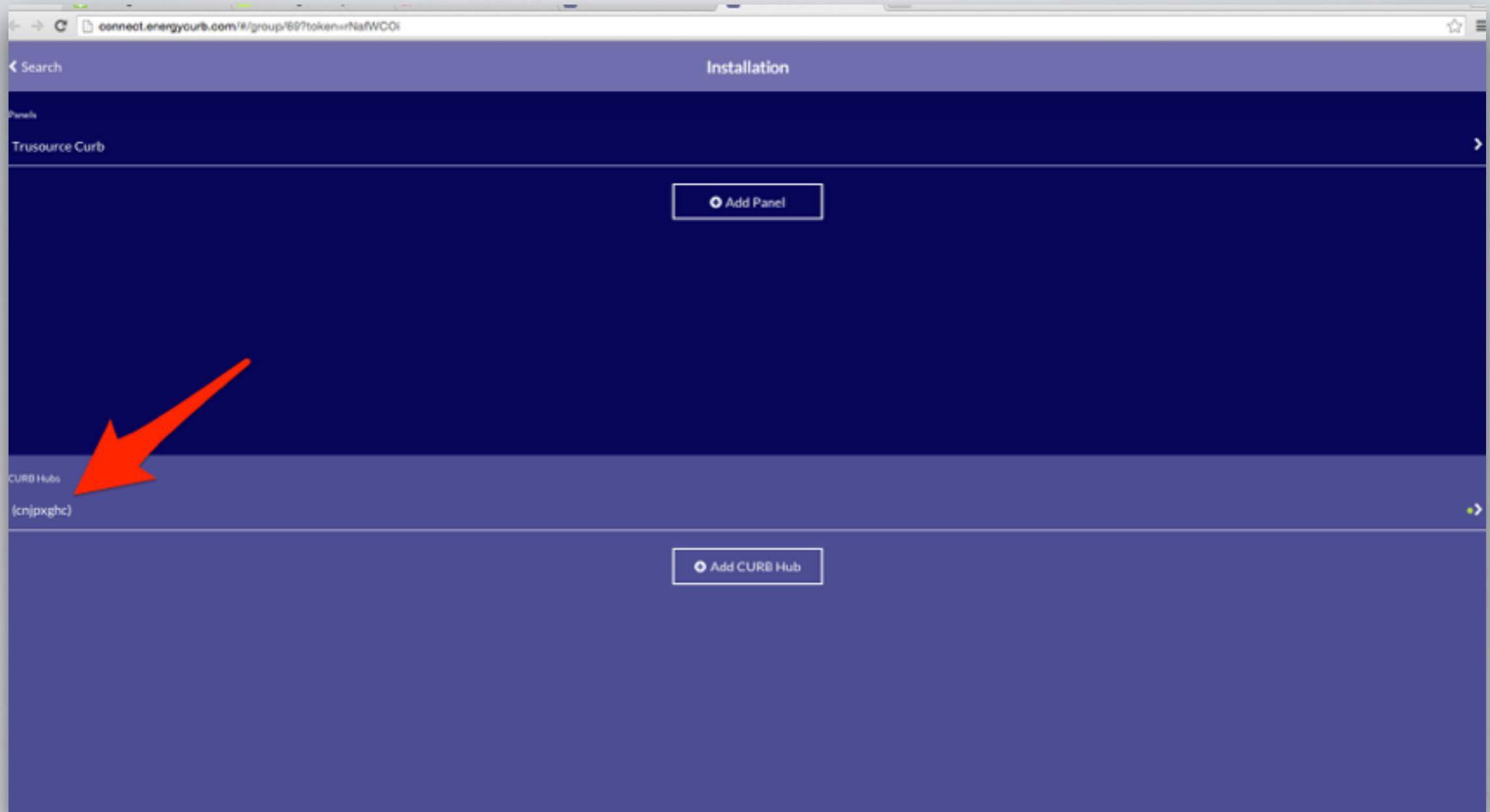
Getting out of the Panel Section



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

I						II					
Clamp	Phase	+/-	CT Size	Panel		Clamp	Phase	+/-	CT Size	Panel	
A	AΦ	<input type="checkbox"/>	100A	◆No Panel		A	BΦ	<input checked="" type="checkbox"/>	100A	◆No Panel	
	297W	2.530A	0.9927 cos Φ		Main		263W	2.433A	-0.9677 cos Φ		Main
B	AΦ	<input type="checkbox"/>	30A	◆Trusource Curb		B	BΦ	<input type="checkbox"/>	30A	◆No Panel	
	1W	0.004A	-0.4626 cos Φ		Main		1W	0.004A	-0.3344 cos Φ		Main
Clamped Breaker						Clamped Breaker					
2 AC				10 amps	⊖ ⊕	No Breaker					
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

The screenshot displays the CURB Hub software interface, specifically the 'CURB' tab. The main area is divided into three horizontal sections, each representing a different electrical panel or circuit. Each section contains a table with columns for Clamp, Phase, CT Size, Panel, and Main breaker information. Below the table, there are fields for Display Name, Multiplier, and Production. The rightmost section also includes a 'Clamped Breaker' field. The interface is designed for managing clamp assignments across multiple devices.

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.

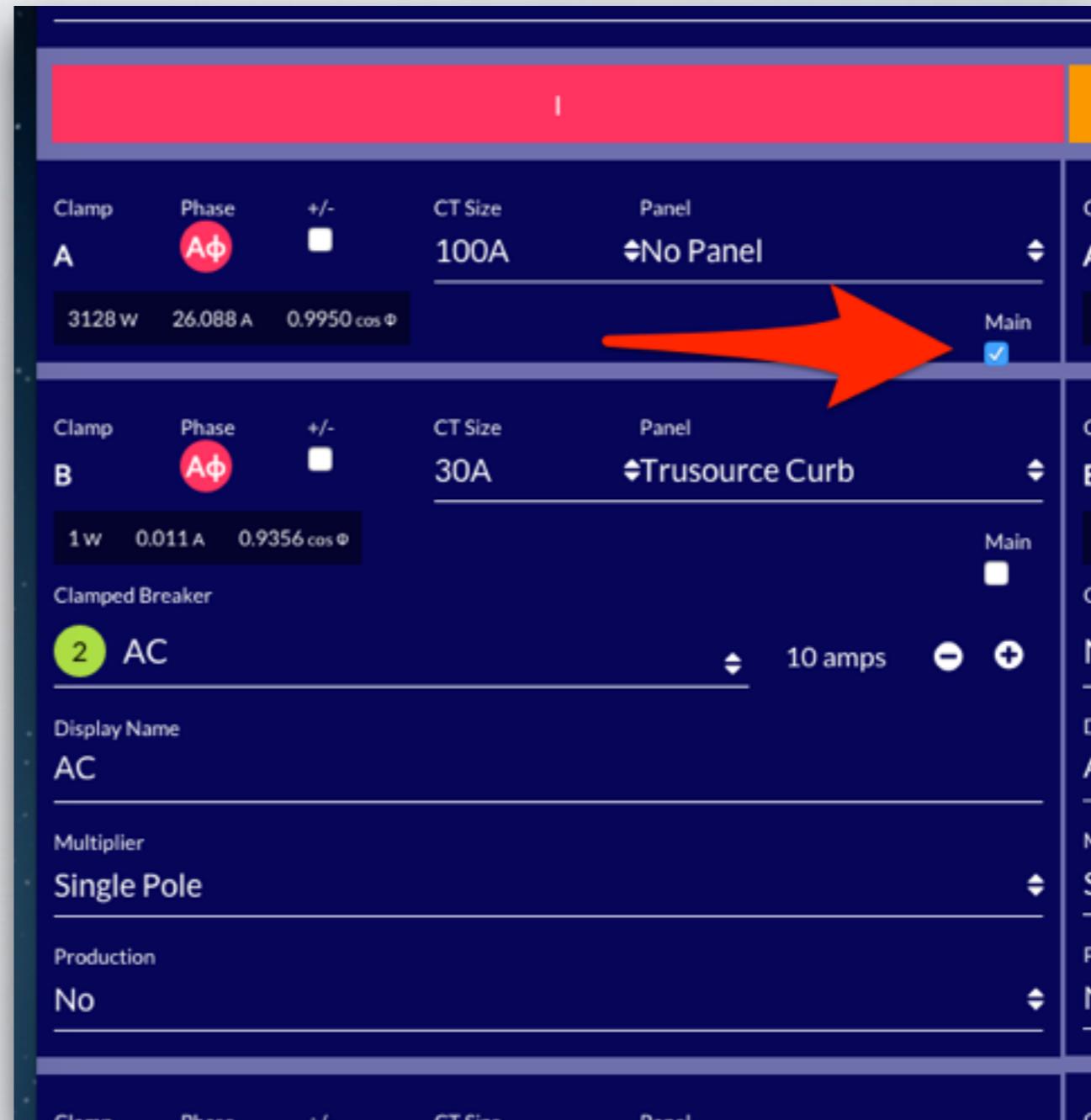


Each clamp on each block will get a letter assignment.

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”.

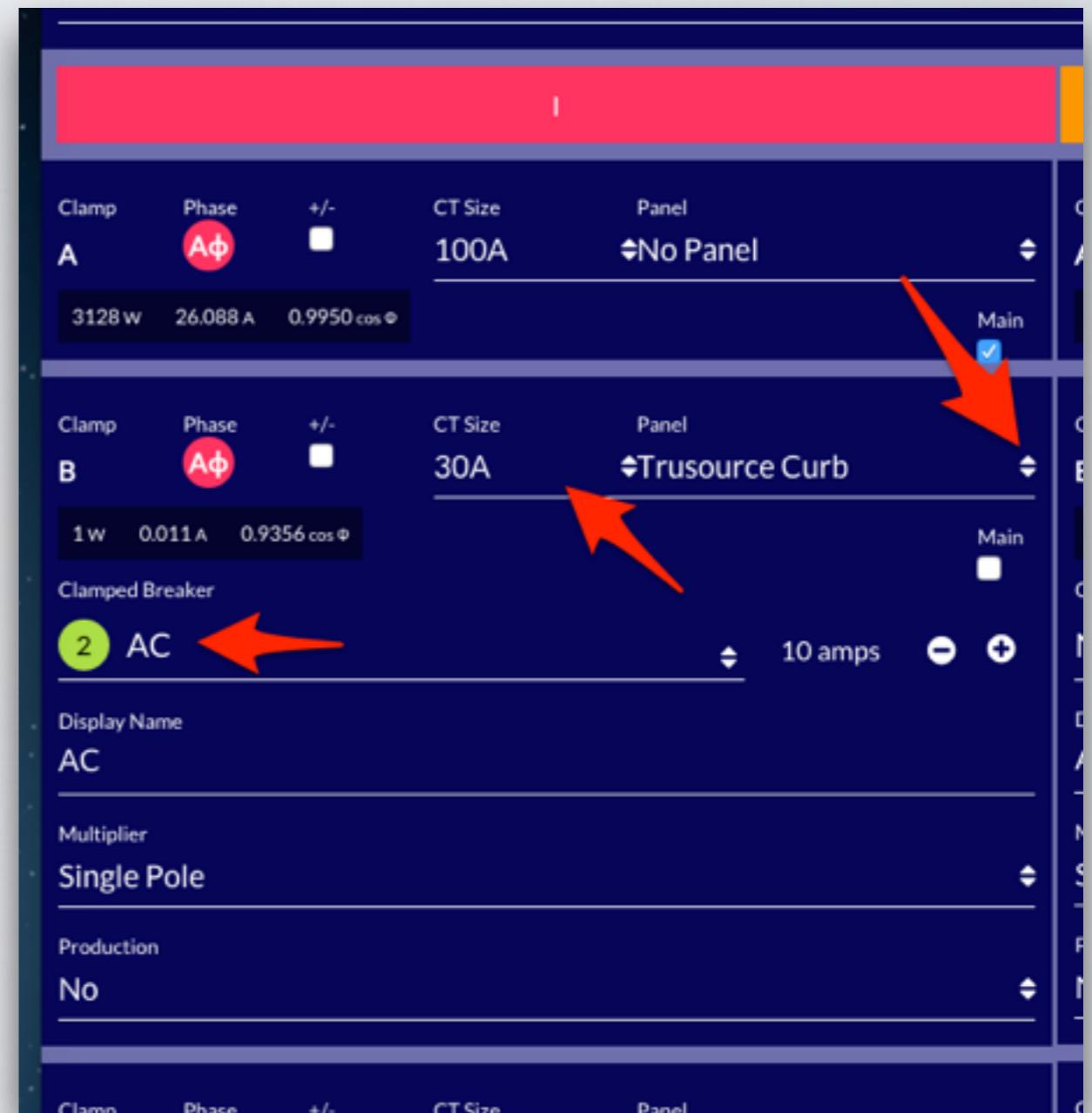


Every block has 6 available slots for CT clamps. Each block will label the clamps alphabetically (A-F). On blocks 1 & 2, the mains will always need to be the “A” clamps and they need to be labelled as the main. You will see the check box that needs to be selected in the photo.



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

Clamp Phase +/- CT Size Panel

No Breaker

- 5 - Dining/oven - 20 amps
- 6 - Fridge - 20 amps
- 9 - Plug - 20 amps
- ✓ 10 - Kitchen gfci - 20 amps
- 11 - Computer rm - 20 amps
- 12 - Dryer - 30 amps
- 15 - Master bath - 20 amps
- 16 - Dishwasher - 20 amps
- 19 - Master bdrm - 20 amps
- 20 - Lights - 20 amps
- 11 - (unnamed) - 10 amps
- 1 - Plug - 10 amps
- 2 - AC - 10 amps

Clamp Phase +/- CT Size Panel

E AΦ ✓ 30A Trusource Curb

Breaker Assignment

Multplier Single Pole

Production No

Clamp Phase +/- CT Size Panel

AΦ ✓ 30A No Panel ✓ Trusource Curb

-2W 0.013A -0.8236 cosΦ Main

Damped Breaker

10 Kitchen gfci 20 amps - +

Display Name Kitchen gfci

Multplier Single Pole

Production No

Panel Assignment

Phase +/- CT Size Panel

AΦ ✓ 30A Trusource Curb

2A -0.8099 cosΦ Main

✓ 30A 50A 100A

Kitchen gfci 20 amps - +

Display Name Kitchen gfci

Multplier Single Pole

Production No

CT Size Assignment

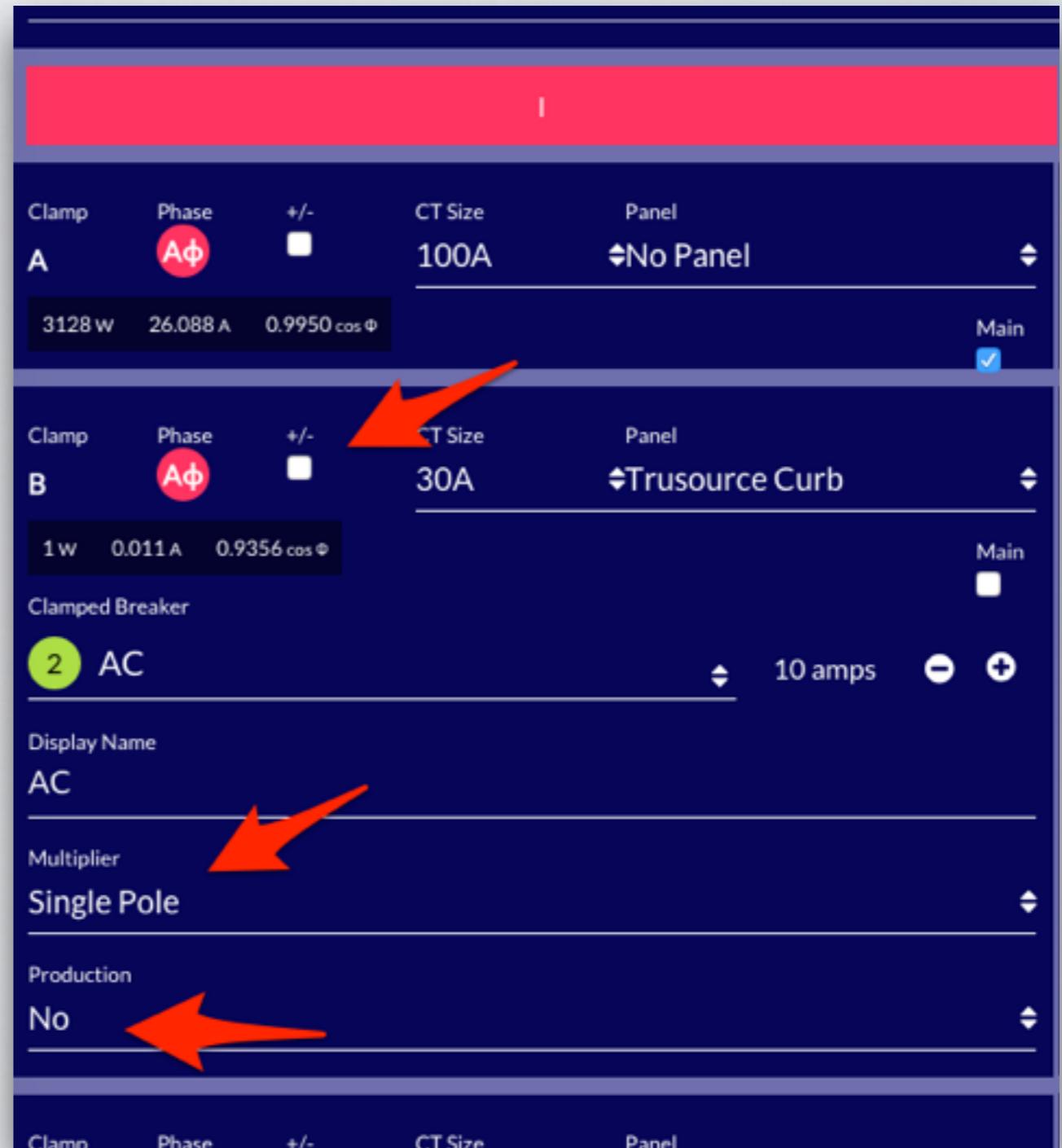


Further Clamp details

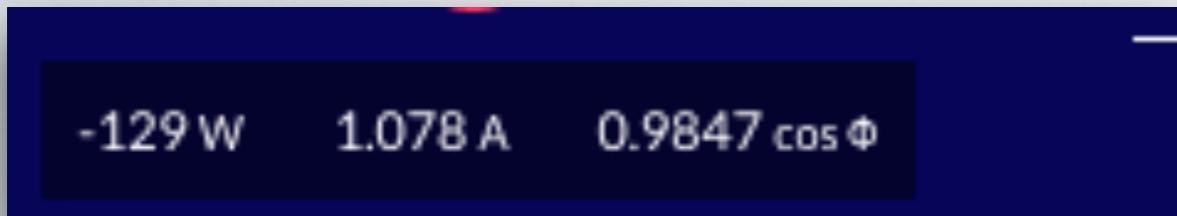
- In some instances, the wattage in the dark blue bar may be reading negative. In this instance the polarity needs to be reversed by selecting the +/- button

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

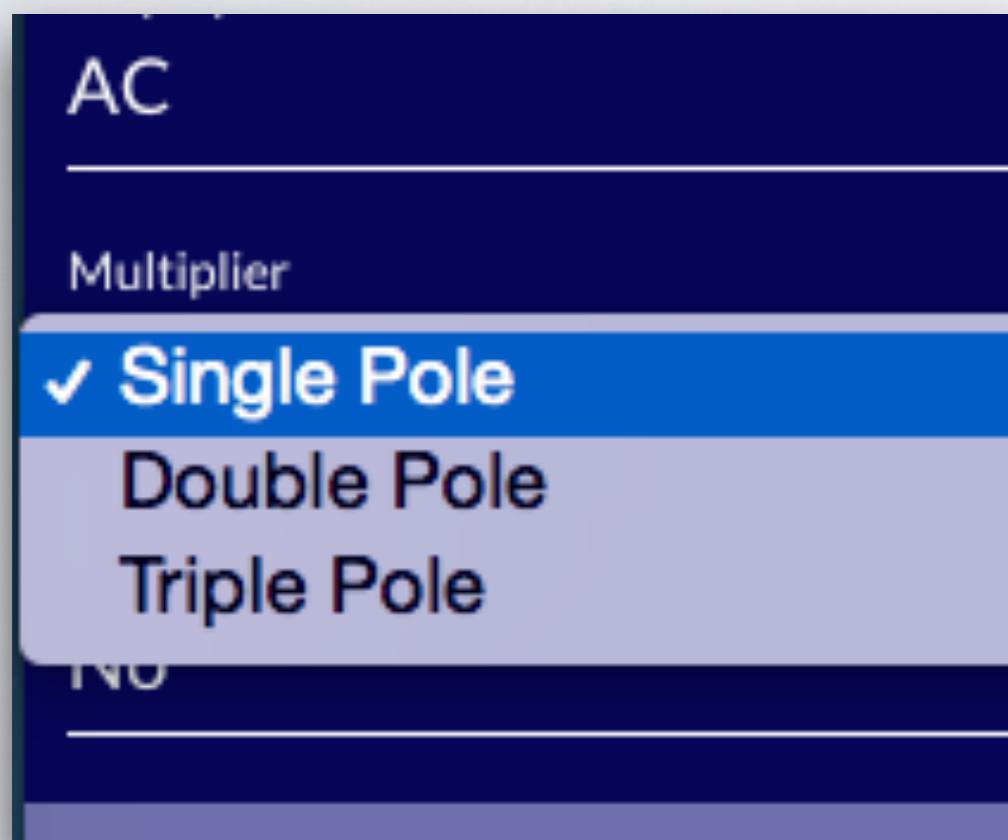
Solar production is assigned to line-side or breaker side



Further Clamp details



Negative wattage readout



Multiplier (Double or Triple Pole)

A screenshot of the CURB software interface showing the 'Installation' screen. It displays two clamps (B and C) with the following details:

Clamp	Phase	+/-	CT Size	Panel
B	Aφ	<input type="checkbox"/>	30A	Trusource Curb
C	Aφ	<input type="checkbox"/>	30A	Trusource Curb

Below the clamps, there are sections for 'Clamped Breaker' and 'Display Name'. An orange arrow points to the 'Line-side' and 'Breaker-side' options under the 'Production' section.

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

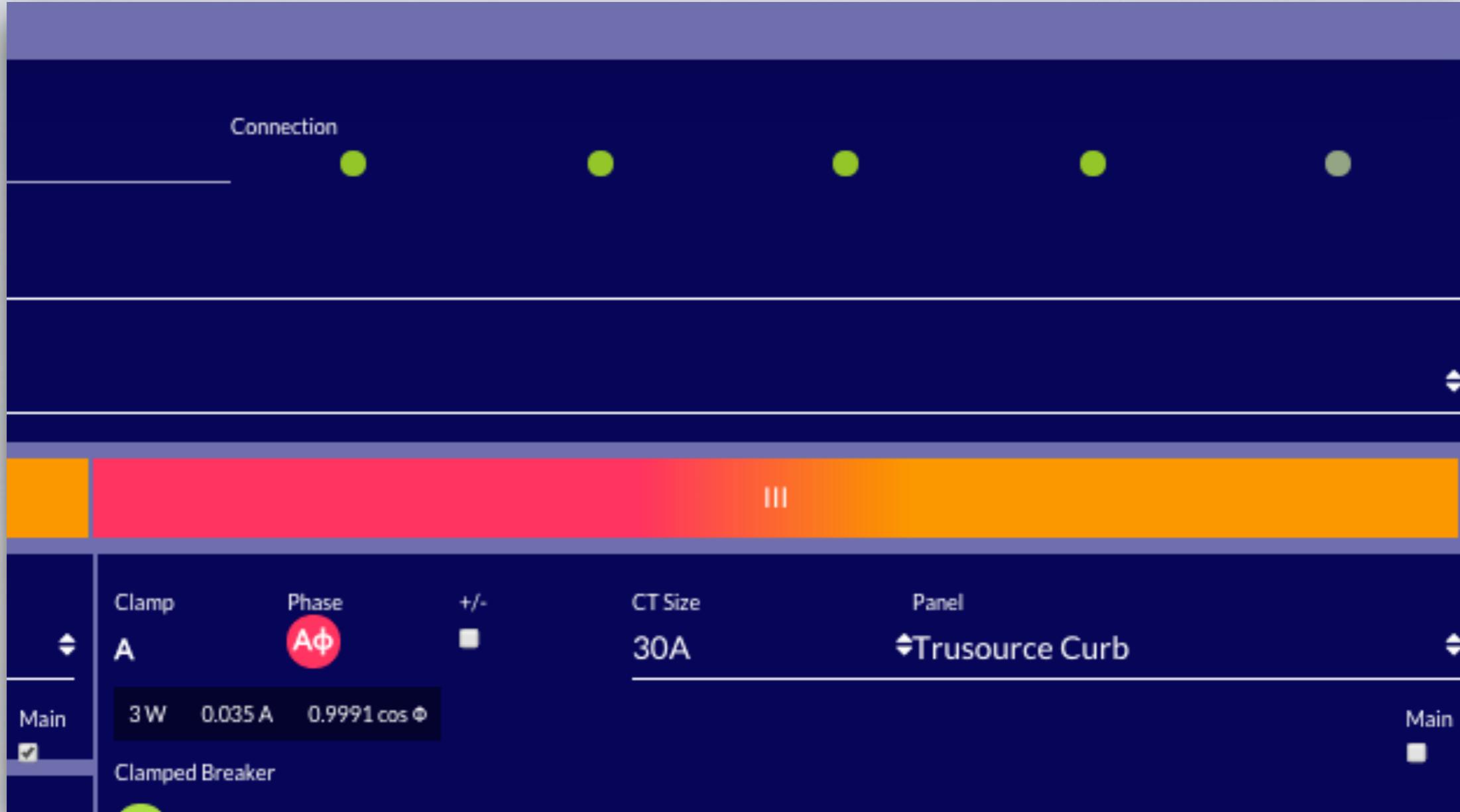
Clamp assignments for “A,B,C” are on the A phase while “D,E,F” are for the B phase.

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 ₀	■	30A	Trusource Curb
3 W	0.039 A	0.9994 cos φ		
Clamped Breaker	15 Master bath			20 amps
Display Name	Master bath			
Multiplier	Single Pole			
Production No				
B	A ₀	■	30A	Trusource Curb
0 W	0.006 A	-0.7435 cos φ		
Clamped Breaker	16 Dishwasher			20 amps
Display Name	Dishwasher			
Multiplier	Single Pole			
Production No				
C	A ₀	■	30A	Trusource Curb
0 W	0.006 A	-0.8005 cos φ		
Clamped Breaker	19 Master bdrm			20 amps
Display Name	Master bdrm			
Multiplier	Single Pole			
Production No				
D	B ₀	■	30A	No Panel
0 W	A ₀ cos φ			
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

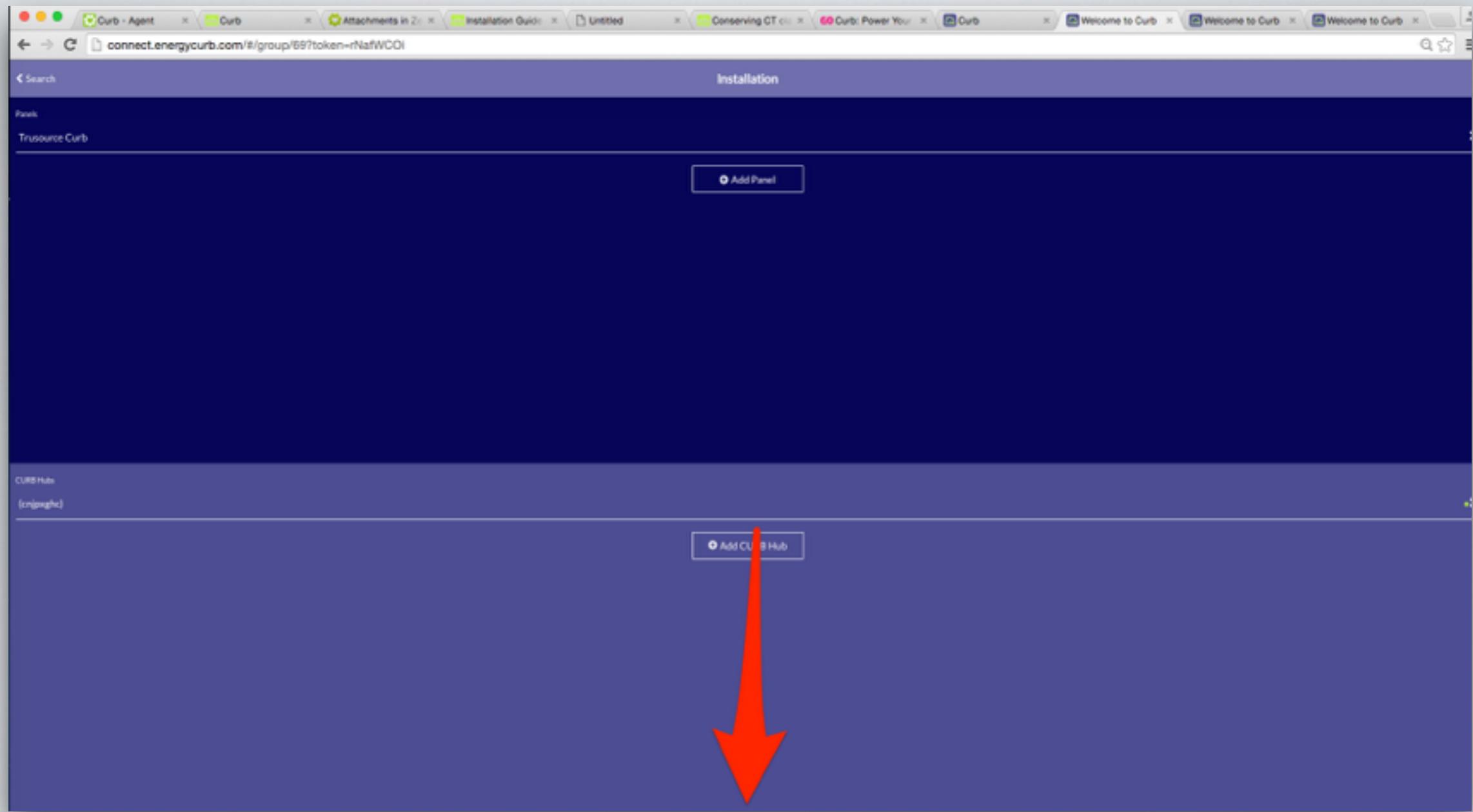
The screenshot shows the CURB Hub software interface. At the top, there's a header with 'CURB Hub' and a 'Connection' button. Below it is a table with three columns (I, II, III) representing different electrical components. Each component row has a red circle with a number indicating its category (e.g., 2, 15, 16). The table includes columns for Clamp, Phase, CT Size, Panel, and power consumption values (W, A, cos φ).

Category	Clamp	Phase	CT Size	Panel	Power (W)	Current (A)	Power Factor (cos φ)
2 AC	A	AΦ	100A	No Panel	505W	0.991A	0.9849 cos φ
15 Master bath	B	AΦ	30A	Trusource Curb	0W	0.004A	-0.0493 cos φ
16 Dishwasher	B	BΦ	30A	No Panel	1W	0.006A	-0.6456 cos φ
6 Fridge	C	AΦ	30A	Trusource Curb	-137W	1.174A	0.9828 cos φ
7 Living rm/hall	C	BΦ	30A	Trusource Curb	23W	0.335A	-0.7438 cos φ

On the left side of the interface, there's a sidebar with sections for 'Hub ID', 'Name', and 'Panel'. A red arrow points from the text 'Click "Installation" to exit the CURB hub (clamp assignment) section.' to the 'Hub ID' field.

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.

