

Electric Vehicle Charging Station Offset Credits

Get more credit for hosting your EV charging station!

Are you helping reduce tailpipe emissions by hosting electric vehicle (EV) charging stations? You deserve credit for that.

Connecticut Green Bank is seeking partners for a pioneering carbon offset credit transaction backed by EV charging stations.

By aggregating charging stations and leveraging our position as the nation's first green bank, we are creating a new market for carbon offset credits while generating societal benefits at the same time.

Your charger site could be eligible for up to 30 years of revenue from carbon offset markets, secured by the Green Bank. Participate and identify yourself as a leader in the EV movement.

How does it work?

Hosting an electric vehicle charging station helps reduce greenhouse gas emissions. The Green Bank has developed a methodology to quantify these reductions, now accredited by Verified Carbon Standard. This can lead to creation of third-party certified carbon offset credits. By accessing difficult-to-reach voluntary carbon trading markets and aggregating portfolios of EV charging stations through this new and innovative approach, the Green Bank can help you monetize these credits and generate revenue.

To get started:

Work with the Green Bank to estimate how many carbon credits your charging station has produced (one ton of CO₂ reduction equals one carbon credit);

From there, the Green Bank plans to work with a third-party certifier to establish carbon credits, which we'd market to investors requiring carbon offsets.

Get in touch with us. >>



EV charging stations earn carbon credits based on charging activity that occurs, and on the carbon intensity of the electricity delivered. A charging station's performance can differ by location based on the region's electricity profile.

For example:

Washington:
8.1 Carbon Credits



New York:
6.7 Carbon Credits



Wyoming:
-1.2 Carbon Credits



How much revenue could my charger produce?

Across the United States, an EV charger generates an average of 4 carbon credits per year depending on the carbon intensity of your state's electricity portfolio. The number of credits produced by a typical charging station may increase with time as the use of charging stations increases and the grid gets cleaner.

Projected revenue during the first of three potential 10-year crediting periods.

Assumed Credits per Charging Station Annually	4.0	4.0	4.0
Carbon Credit Price	@ \$3/credit	@ \$5/credit	@ \$10/credit
Total Revenue per Charger	\$120	\$200	\$400
Total Revenue @ 20 chargers	\$2,400	\$4,000	\$8,000

The Green Bank will work with you to determine a revenue sharing agreement that reflects your charger's earning potential, your preferences and transactional and administrative costs.

Who is eligible?

Anyone who owns an electric vehicle charger that is fully operational and was installed after August 2016¹ can participate. The Green Bank takes the work out of third-party certifying these emissions reductions for you. If you get in touch with us quickly as an early mover, it also helps us secure your credits for years already passed since 2016, rather than just going-forward.

Early movers' timeline:

Immediately	Contact the Green Bank and begin collecting requested data for your charger(s).
Early Spring 2020	Sign final certification documents with the Green Bank.

¹ If you only "host" a charging station, but do not "own" it, you're not eligible to participate in this program, unless you're positioned to secure its carbon credit ownership rights.

How do I get started?

If you own a portfolio of EV charging stations you can **register** your electric vehicle charger **online** or by **contacting** Matt Macunas at the Green Bank for more information.

www.ctgreenbank.com/EVoffsets

EVoffsets@ctgreenbank.com

