



**ELECTRIC ERA**

**FAST**

**CHARGING**

**MADE EASY**

## Understanding the Inflation Reduction Act of 2022

This document is intended for educational purposes only  
and not to be considered legal or tax advice

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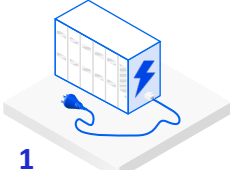
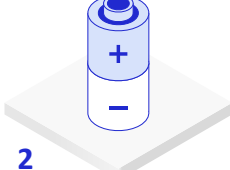

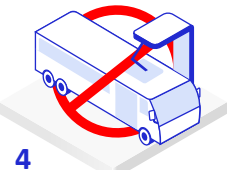
## IRA FAST CHARGING: THE GUIDE

### THE OPPORTUNITY

In August of 2022, The Inflation Reduction Act (IRA) was signed into a bill offering federal tax credits allowable for business who invest in Energy Storage Technology (EST) under Section 48 and Alternative Fuel Vehicle Refueling Property (RP) under Section 30C. The goal of this expansion helps retail business owners upgrade offerings related to electric vehicle (EV) charging infrastructure and overall grid electrification.

Assuming qualifying ESTs are placed in service before January 1, 2025, business owners can expect a tax credit commensurate to between 6% and 50%, a meaningful and effective discount from the purchase price of these investments, which if designed and implemented correctly will drive material reoccurring revenue through enhanced retail traffic.

### THE REQUIREMENTS - ENERGY STORAGE TECHNOLOGY

			
1	2	3	4
<i>Property receives, stores, and delivers energy for conversion to electricity</i>	<i>Capacity of not less than 5-kilowatt hours</i>	<i>Construction completed before 2025</i>	<i>Excludes transportation property</i>

### HOW MUCH COST COULD I OFFSET?

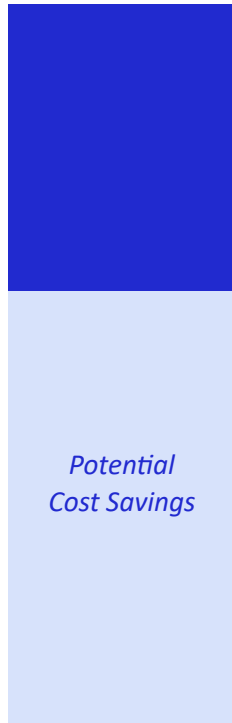
A business could offset a minimum 6% of the cost basis. The credit can be increased five-fold to 30% if used in an energy project, which is defined as a project consisting of one or more energy properties that are part of a single project, with maximum net output of less than 1-megawatt (measured in alternating current) OR meets the prevailing wage and apprenticeship requirements. Further incentives are provided and can boost the cost basis accordingly:

- **Domestic Content Bonus:** Cost basis increases to 40% when manufacturer of the EST can certify that not less than 40% of the steel, iron or manufactured product that is a component of the EST was produced in the United States.
- **Energy Community:** An additional 10% (50% total) can be applied if EST is placed in energy community like a Brownfield Site or area involved in coal, oil, or natural gas.

To see demo and get pricing, check out [www.electriceratechnologies.com](http://www.electriceratechnologies.com)

## CASH IMPACT EXAMPLE YOU NEED TO KNOW\*

**PURCHASE PRICE:  
\$100K**



**FEDERAL  
TAX CREDIT**

**\$30K**  
*Potential  
Cost Savings*

*Additional \$20K assuming you meet domestic content and energy community requirements (\$50K)*

+

**TOTAL  
DEPRECIATION**

**\$31K**  
*Potential  
Cost Savings*

*Depreciation of asset by 50% of credit with amount deducted in the year asset is placed in service: **\$85,000**. Assume federal tax rate of 37%, the cash tax benefit from depreciation would be **\$31,450**.*

=

**TOTAL  
CASH SAVINGS**

**~\$60K**  
*Potential  
Cost Savings*

*More than half the purchase price.*

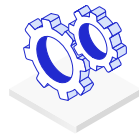
*\*More in-depth information can be found at [congress.gov H.R.5376](https://www.congress.gov/house/117/legislation/5376) - Inflation Reduction Act of 2022*

## ELECTRIC ERA POWERNODE™ SOLUTION



### DESIGNED FOR RETAIL BUSINESSES

We have a suite of services for everyone while conforming to new IRA guidance. We provide high quality durable equipment such as our PowerNode™ Solution.



### EASY SETUP

Equipment can be setup the same day of delivery. This enables revenue generation in weeks, not months.



### EXPERT SERVICE AND SUPPORT

Our platform is designed to be ridiculously easy to use, but you can contact our US based support team any time. We provide free training and access to a library of support videos and materials.



### SIMPLIFIED ECONOMICS TO GROW REVENUE

Our system makes it easy to track revenue growth. Retail consumers will love your new offering as EV adoption rates are reaching a tipping point and charging is in demand.



### PROFITABLE FROM MONTH 3

Our pricing model guarantees profitability starting the 3<sup>rd</sup> month. Pay only for what you use and cancel at any time.

## FAQs

## QUESTION

**HOW MUCH TIME IS REQUIRED TO SEE IF MY BUSINESS IS ELIGIBLE?**

## ANSWER

During a quick 30-minute demonstration, Electric Era's EV experts can help determine your eligibility for the investment tax credit. Furthermore, the team can help assess the financial performance of an installation at your specific store based on electricity rate tariffs and EV trends in your area. Connect with our team to understand your PowerNode™ Platform ROI today.

**Q WHEN DID THE REIMBURSEMENTS FIRST GO INTO EFFECT?**

**A** The Inflation Reduction Act of 2022 (IRA) passed in August 2022 and made significant changes to the credit and extended the credit to qualifying property placed in service before 2025.

**Q WHAT IS THE BENEFIT OF ELECTRIC ERA'S BATTERY IN THE FAST-CHARGING STATIONS?**

**A** PowerNode™ Platform's battery allows you to bypass expensive and lengthy grid upgrades by adding additional power capacity to your site. Once operational, Electric Era's AI-driven power management software optimizes utility electricity charges (i.e., demand charges) to make your station profitable and cost-effective during operation.

**Q WHAT'S THE DIFFERENCE BETWEEN THE POWERNODE™ PLATFORM AND OTHER OPTIONS ON THE MARKET?**

**A** Without battery enablement, DCFCs on the market today require heavy power upgrades (increasing your costs and time to deployment by years). Compared to battery-backed charging solutions, Electric Era offers the only battery on the market truly optimized for the EV fast charging use-case; the other options are focused on long duration energy storage. These are overbuilt and too expensive. The advantages of our technology's optimization and its price point give us the unique ability to make such a positive impact on profitability and ROI.

**Q CAN I EARN AN ROI WITH EV FAST CHARGING TODAY?**

**A** You can with Electric Era. The PowerNode™ Platform is the only EV fast charging solution on the market capable of providing a strong ROI without the support of public grants.

**Q HOW LONG DOES IT TAKE TO INSTALL FAST CHARGING?**

**A** The PowerNode™ Platform drastically cuts the typical DCFC installation time of 18-36 months down to only 2-3 months. The process includes site permitting, electrical, construction, and commissioning. Electric Era helps you become a leader in the space while achieving profitability in a fraction of the time.

To see demo and get pricing, check out [www.electriceratechnologies.com](http://www.electriceratechnologies.com)

We hope you found this guide helpful. To schedule a free consultation and learn more about fast charging solutions and financials please contact us at [sales@electriceratechnologies.com](mailto:sales@electriceratechnologies.com)