

DOCKETED

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Project Title:	Block Grant for Electric Vehicle Charger Incentive Projects
TN #:	224144
Document Title:	Electric Motor Werks, Inc.'s Comments - ENERGY STAR Commitment Form
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Electric Motor Werks ENERGY STAR Commitment Form

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Additional submitted attachment is included below.

CALeVIP ENERGY STAR® Commitment Form



Instructions for completing the CALeVIP ENERGY STAR Certification process are on the back of this form.

Name of manufacturer:

ENERGY STAR ID number (attach full agreement):

Date agreement executed:

Existing model number(s) seeking ENERGY STAR certification (attach model spec sheet):

Features for new models being developed (attach additional pages if needed):

Manufacturer is aware that to be eligible for CALeVIP, Level 2 chargers at a minimum must include the following features: network capable for data communication and repairs (meaning that your equipment must have been functioning on an EV charging network *prior* to submitting this form and includes completion of all network-to-charger integration testing), certified by a Nationally Recognized Testing Laboratory, capable of 6.2 kW or greater, have at least one J-1772 connector and accept multiple forms of payment, including credit cards.

Manufacturer understands that CALeVIP will reinstate ENERGY STAR as a mandatory requirement for chargers in future Level 2 projects. This mandatory requirement for projects is anticipated to be reinstated in early 2019.

Signature:

Date:

Name:

Title:



Steps for Completing the CALeVIP ENERGY STAR® Certification Process

Step One — Complete and submit the ENERGY STAR Partnership Agreement

- A. To begin your application for ENERGY STAR and receive pertinent application materials needed for this Commitment Form, fill out an ENERGY STAR Partnership Agreement: <https://www.energystar.gov/sites/default/files/asset/document/ENERGY%20STAR%20Partnership%20Agreement.pdf>.
- B. Once the Partnership Agreement is completed, obtain and fill out an ENERGY STAR Participation Form for Product Brand Owner document: https://www.energystar.gov/sites/default/files/asset/document/ENERGY_STAR_Participation_Form_Prod_Brand_Owner.pdf.
- C. Email the completed forms to join@energystar.gov or mail to:

ENERGY STAR
c/o ICF International
1725 Eye Street, NW, Suite 1000
Washington, DC 20006

Step Two — Complete the CALeVIP ENERGY STAR Commitment Form

- A. Once complete, email to calevip@energycenter.org.

Step Three — Docket the ENERGY STAR Commitment Form

- A. Upload your completed ENERGY STAR Commitment Form on the California Energy Commission Docket Log: <https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=17-EVI-01>.
- B. In the “Comment” section, enter your company name and state that this is your ENERGY STAR Commitment Form.

Step Four — Download and submit the Equipment Self-Validation Form

- A. Obtain form from the CALeVIP website (instructions included): <https://calevip.org/equipment-self-validation-form>.

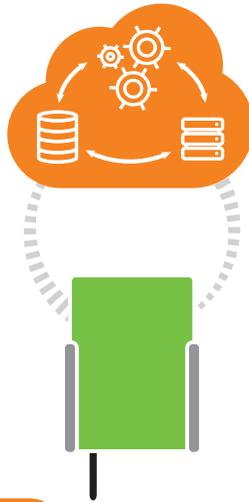
JuiceBox[®]

SMART [GRID] EV CHARGING

PRO
40

THE WORLD'S SMARTEST ELECTRIC VEHICLE
CHARGING STATION (EVSE)

 **JUICENET[®]**



All JuiceNet devices
can minimize CO2 by syncing
their charging to grid conditions

JuiceBox SmartGrid EVSE

Extending our state-of-the-art line of residential smart-grid EVSEs, JuiceBox Pro 40 is a fully compliant J1772 Level 2 charging station with all required safety and charging system features.

JuiceBox not only brings extremely fast charging with anywhere, anytime status and control, but our green feature also minimizes greenhouse gas emissions by

synchronizing the timing of EV charging to periods when your electric grid offers the cleanest power and highest share of renewable energy.

Now you can reduce your greenhouse gas footprint — all the way from the power source. Enjoy average CO2 reductions of up to 60% relative to a typical charging station.

INTERACTIVITY

With all connected JuiceBox products, you get 24x7 status and control via our mobile app.

CONTROL

JuiceBox is the only EVSE that affords both direct user control and smart-grid optimization — our JuiceNet platform allows you to reduce energy costs, select a cleaner electricity mix, and participate in grid services rebates that reduce total cost of ownership (in applicable geographies).

PORTABILITY

Our products use standard power outlets (NEMA 14–50). If you move, JuiceBox goes with you.

 **eMotorWerks**
SMART [GRID] EV CHARGING

+1.844.584.2329

twitter.com/emotorwerks

facebook.com/eMotorWerks

846 Bransten Rd

San Carlos, CA 94070

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JUICEBOX Pro 40 SPECIFICATIONS

Electrical Characteristics

- Pro 40 Power: 40A, 10kW (max, can be adjusted via app)
- Voltage: 100 –250VAC, single phase
- 50-60 Hz

Input Cable & Plug

- 1 ft standard length
- Standard 50A RV plug (NEMA 14–50P) for Pro 40
- Hardwire input whip available

Output Cable & Connector

- 24 ft standard length
- J1772 standard compliant

EV JuiceNet App

- Precision measurement of power, energy, voltage & current; up to 10 automatic notifications, including: time-of-use in effect, start of charge, end of charge, unit offline, unit back online, car not plugged in by certain time of evening, etc.
- Web-based portal for desktop access

Wi-Fi

- Built-in Wi-Fi connectivity, with easy setup. Ethernet available.
- Persistent data storage upon power interruption

GHG Reduction (optional software upgrade)

- Significant reduction of CO2 emissions relative to other charging stations

Enclosure

- LED status indicators
- Weatherproof, dust-tight, die cast aluminum
- Quick-release wall mounting bracket included
- Dummy J1772 inlet with cable hanger included

Weight & Dimensions

- 18 lbs fully equipped with cables
- 10.3" x 6.3" x 3.5" (H, W, D—main enclosure)

Codes and Standards

- NEMA 4 / IP66, SAE, FCC Part 15 Class B, NEC 625 compliant

Safety

- Pro 40: UL and cUL Listed (E472596)

Note: 3-year residential warranty; purchase "C" version for commercial usage



BENEFITS

Compatible with all EVs

SAE-J1772™ compliant

Fast charging

up to 40 amps / 10 kW

Anywhere, anytime monitoring & control

intuitive mobile app & web portal

Money saving

scheduled charging during times of lowest energy cost

Emissions reduction

JuiceNet Green optimizes charging to minimize GHG

Portable

standard outlet, small enclosure, lightweight, quick-release mount

Long reach

standard 24 ft cable enables easy access

Indoor / Outdoor

fully weatherproof enclosure

Made in USA

from domestic and imported parts

“JuiceBox: Probably the best option in terms of power and features for the price. JuiceBox Pro beats the other options on price, and provides enough current for any vehicle.”

Tom Konrad, GreenTech Media



+1.844.584.2329

twitter.com/emotorwerks

facebook.com/eMotorWerks

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**Partnership Agreement between
ENERGY STAR® and
Electric Motor Werks**

(ENTER PARTNER NAME HERE)

Through this agreement, Electric Motor Werks ("ENERGY STAR Partner") joins in partnership with the US Environmental Protection Agency (EPA) and the Department of Energy (DOE) in one or more areas. ENERGY STAR Partner recognizes ENERGY STAR as a broad partnership designed to promote buildings, products, homes, and industrial facilities that use less energy while providing the same or better performance than conventional designs. ENERGY STAR Partner wishes to use the ENERGY STAR name and/ or mark in association with qualified products or homes. ENERGY STAR Partner agrees to use the partnership and the ENERGY STAR mark to promote energy efficiency as an easy and desirable option for organizations and consumers to prevent pollution, protect the global environment, and save on energy bills. ENERGY STAR Partner agrees that it is important to build and maintain the meaning of the ENERGY STAR mark as a trustworthy symbol that makes it easy to make a change for the better.

Partner Commitments

ENERGY STAR Partner is committed to taking action in the area(s) indicated on the ENERGY STAR Participation Form. For the designated program area(s), ENERGY STAR Partner agrees to fulfill all requirements as outlined in the following supporting documents:

- ENERGY STAR Program Requirements, defining requirements for being recognized as a partner in each program area, such as manufacturing, selling, or promoting ENERGY STAR qualified products to consumers or organizations. Specific requirements include identifying a responsible party for each area of participation and updating EPA/DOE on the efforts undertaken through the partnership. Where applicable, these include ENERGY STAR eligibility criteria defining the energy and other performance specifications that must be met for use of the ENERGY STAR mark on and/or in association with buildings, homes, and products; and
- ENERGY STAR Identity Guidelines, describing how the ENERGY STAR name and mark may be used. Partner will adhere to these guidelines and ensure that its authorized representatives, such as advertising agencies, dealers, and distributors, are also in compliance.

EPA/DOE will undertake a variety of efforts to build awareness of the ENERGY STAR name and mark, maintain the credibility of the ENERGY STAR name and mark, and promote the benefits of energy-efficient homes, buildings, products, services, and industrial facilities. EPA/DOE will strive to:

- increase awareness of the ENERGY STAR name and mark across the residential, commercial, and industrial sectors by distributing key messages on the benefits of ENERGY STAR qualified buildings, homes, and products;
- make current versions of the ENERGY STAR Identity Guidelines and ENERGY STAR Program Requirements easily accessible through the Internet and other means;
- maintain a Web site where ENERGY STAR Partner can furnish information on its program efforts and responsible key contacts as outlined in the ENERGY STAR Program Requirements; and
- provide ENERGY STAR Partner with public recognition through the Internet and other mechanisms for its efforts in the ENERGY STAR Partnership and its role in protecting the environment.

Disclaimers

Partner will not construe, claim, or imply that its participation in the ENERGY STAR program constitutes federal government approval, acceptance, or endorsement of anything other than Partner's commitment to the program. Partner understands its participation in the ENERGY STAR program does not constitute federal government endorsement of Partner or its buildings, homes, products, services, or industrial facilities. Partner understands that the activities it undertakes in connection with the ENERGY STAR program are voluntary and not intended to provide services to the federal government. As such, Partner will not submit a claim for compensation to any federal agency.

Dispute Resolution

Partner and EPA/DOE will assume good faith as a general principle for resolving conflicts under the ENERGY STAR program. Both parties will endeavor to resolve all matters informally, so as to preserve maximum public confidence in ENERGY STAR.

In the event informal channels do not produce a mutually agreeable resolution to a matter in dispute, either party to this agreement shall notify the other in writing as to the nature of the dispute, the specific corrective action sought, and their intent to terminate the Partnership Agreement, either as a whole or in part, unless specific corrective actions sought are undertaken:

- within 20 days of receiving formal notification from EPA/DOE indicating intent to terminate the Partnership Agreement, either as a whole or in part, Partner will reply, agreeing to either (1) undertake in a timely and effective manner the corrective actions sought by EPA/DOE, or (2) terminate the Partnership Agreement, either as a whole or in part;
- within 20 days of receiving formal notification from Partner indicating its intent to terminate the Partnership Agreement, either as a whole or in part, EPA/DOE will reply, either (1) agreeing to undertake in a timely and effective manner the corrective actions sought by Partner, or (2) explaining why such corrective actions cannot be undertaken;
- if Partner fails to respond within 20 days of receiving formal notification of EPA/DOE's intent to terminate the Partnership Agreement, either as a whole or in part, or if Partner responds but does not agree to undertake corrective actions sought by EPA/DOE, or if Partner agrees but does not initiate the corrective actions in a timely manner, then this agreement is terminated, either as a whole or in part.

Entry into Force and Duration of Agreement

Both parties concur that this agreement and the terms outlined in the supporting documents will become effective when signed by both parties. This agreement may be updated at any time to add new areas for which ENERGY STAR Partner wants to be recognized as a partner. Both parties concur that this agreement is wholly voluntary and may be terminated by either party at any time, and for any reason, with no penalty. Failure to comply with this Partnership Agreement, applicable Program Requirements, and Identity Guidelines can result in termination of this agreement and authorization to use the ENERGY STAR mark. EPA/DOE will actively pursue actions for resolving issues of noncompliance.

The undersigned hereby execute this Partnership Agreement on behalf of their party. The signatories of this agreement affirm that they have the authority to execute this agreement on behalf of ENERGY STAR Partner and EPA/DOE.

Partnership Agreement Signatory for ENERGY STAR:

Signature:	EPA Use Only
Name and Title:	Carolyn Snyder, Director Climate Protection Partnerships Division, U.S. Environmental Protection Agency
Date:	

Partnership Agreement Signatory for Electric Motor Werks

By checking this box I affirm that I have read and understand the terms of this Partnership Agreement and am authorized to bind this organization to the terms of the Partnership Agreement.

06/29/2018

(Date MM/DD/YYYY)

Name:	Claude Nelson
Title:	Compliance Engineer
Address:	846 Bransten Rd
City:	San Carlos
State:	CA
Zip	94070
Country:	USA
Phone:	415-724-0988
Fax:	
E-mail:	cnelson@emotorwerks.com
Web site:	https://emotorwerks.com/

The public reporting and recordkeeping burden for this collection of information is estimated to average 4.2 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.



**ENERGY STAR® Participation Form
for Product Brand Owner of ENERGY STAR Eligible Products:**

Partner Name: Electric Motor Werks

Date: June 27, 2018

List of brand(s) that will be submitted for ENERGY STAR certification:

JuiceBox Pro 40, JuiceBox Pro 80,

Note: Partnership is only available for product brand owners who sell products eligible for ENERGY STAR certification in the U.S./Canada under the brand(s) listed. Consistent with the Partnership Commitments referenced in the terms of the Partnership Agreement:

1. The Partner is required to adhere to third-party certification requirements, including verification testing; and
2. The Partner is required to submit annual unit shipment data by March 1st for the previous Calendar Year.

Partner will certify the following ENERGY STAR products. Please select only those check boxes relevant for your organization. Please fill out a separate Participation Form if you would like to participate in other program areas (e.g., ENERGY STAR retailer) at www.energystar.gov/join.

Residential Appliances

- Clothes Dryers
- Clothes Washers
- Dishwashers
- Refrigerators and/or Freezers
- Residential Dehumidifiers
- Room Air Cleaners
- Room Air Conditioners

Commercial Food Service Equipment

- Commercial Coffee Brewers
- Commercial Dishwashers
- Commercial Griddles
- Commercial Fryers
- Commercial Hot Food Holding Cabinets
- Commercial Ice Machines
- Commercial Ovens
- Commercial Refrigerators and Freezers
- Commercial Steamers

Home Electronics

- Audio/Video Equipment
- Set-top Boxes
- Small Network Equipment
- Telephony
- Televisions

Heating, Ventilation, and AC Products

- Boilers
- Central ACs and Air-source Heat Pumps
- Commercial Boilers
- Connected Thermostats
- Furnaces
- Geothermal Heat Pumps
- Light Commercial HVAC
- Residential Ceiling Fans
- Residential Ventilating Fans

Home and Building Envelope Products

- Residential Insulation Products
- Roof Products
- Windows, Doors and Skylights

Lighting Products

- Decorative Light Strings
- Lamps
- Luminaires

Office Equipment

- Computers
- Computer Servers
- Data Center Storage
- Displays
- Imaging Equipment
- Large Network Equipment
- Uninterruptible Power Supplies

Other Products

- Electrical Vehicle Supply Equipment
- Laboratory Grade Refrigerators and Freezers
- Pool Pumps
- Refrigerated Beverage Vending Machines
- Water Coolers

Water Heaters

- Commercial Water Heaters
- Residential Water Heaters—Solar
- Residential Water Heaters—Non-solar

Partner will deploy ENERGY STAR Certified Set-top Boxes

- Cable, Satellite, and Telecom Service Providers

Partner Name:	<u>Electric Motor Werks</u>
Date:	<u>June 27, 2018</u>

**Primary Contact (if different than
Signatory Contact listed in the
Partnership Agreement)**

Secondary Contact

Contact Name

Title

Company

Address

City

State

Zip

Country

Phone

Email

Secondary Contact

Secondary Contact

Contact Name

Title

Company

Address

City

State

Zip

Country

Phone

Email

Dorian Vargas-Reighley

Director

Electric Motor Werks

846 Bransten Road

San Carlos

CA

94070

USA

dorian@emotorwerks.com

Return completed Participation Form to:

join@energystar.gov

Or

ENERGY STAR
c/o ICF International
1725 Eye Street, NW, Suite 1000
Washington, DC 20006