

DOCKETED

Docket Number:	25-EPIC-01
Project Title:	Electric Program Investment Charge 2026–2030 Investment Plan (EPIC 5)
TN #:	270582
Document Title:	GreenTech Motors Corp. Comments - Improved Hardward Prototype Funding Pathways to Commercialization
Description:	N/A
Filer:	System
Organization:	GreenTech Motors Corp.
Submitter Role:	Public
Submission Date:	6/12/2026 1:57:54 AM
Docketed Date:	6/12/2026

*Comment Received From: GreenTech Motors Corp.
Submitted On: 6/12/2026
Docket Number: 25-EPIC-01*

Improved Hardware Prototype Funding Pathways to Commercialization

Subject: Strengthening California's Prototype-to-Commercialization Pathway for Clean Energy Hardware Innovation

As a former California Energy Commission consultant and the CEO of a California clean energy hardware startup, I encourage the California Energy Commission to establish a dedicated prototype-to-demonstration funding pathway within the next EPIC Investment Plan.

Programs such as CalSEED and CalTestBed provide valuable early-stage support for clean energy innovation. GreenTech Motors Corporation was fortunate to receive support from both programs, which helped advance our technology and validate key technical concepts. We are grateful for California's leadership in supporting early-stage innovation.

However, our experience also revealed a significant gap between initial concept validation and the resources required to develop commercial-scale prototypes, conduct field demonstrations, and reach market readiness. Hardware technologies often require substantially greater capital, testing, manufacturing, and validation resources than software-based innovations, yet there appears to be limited follow-on funding specifically designed to bridge this critical stage of development.

After completion of our CalSEED and CalTestBed activities, we were not aware of a structured follow-up pathway, monitoring process, or dedicated funding opportunities focused on helping promising clean energy hardware companies advance toward commercialization. As a result, technologies with significant potential public benefits may face delays or fail to reach market despite successful early-stage technical validation.

GreenTech Motors Corporation's High Efficiency Density Decarbonization (HEDD) motor-drive platform illustrates this challenge. The technology is designed not only to reduce electricity consumption through higher efficiency, but also to improve electrical infrastructure productivity by reducing reactive power requirements, increasing renewable energy and battery energy storage system (BESS) hosting capacity, and enabling greater utilization of existing grid assets. These capabilities support California's objectives for grid modernization, affordability, decarbonization, resilience, and distributed energy resource integration.

I encourage the Commission to consider creating a dedicated EPIC funding track focused on prototype development, pilot deployment, field validation, and

commercialization readiness for high-impact clean energy hardware technologies. In addition, a structured follow-up engagement process with CalSEED and CalTestBed awardees could help identify promising technologies, improve commercialization outcomes, and increase California's return on its clean energy innovation investments.

California has built an outstanding early-stage innovation ecosystem. Strengthening the pathway from prototype development to commercial deployment would help ensure that more California-developed technologies successfully reach the marketplace, deliver ratepayer benefits, create jobs, and advance the State's climate and energy goals.