

SCE Gains Valuable Insight from Electric Big Rig Project

EV charging infrastructure was provided by SCE to power trucks in a real-world setting.

Over the last three years, we have been working with the South Coast Air Quality Management District (AQMD) and a dozen other organizations to determine exactly what it takes to successfully put a fleet of battery-electric freight trucks into operation on a large scale.

Participants in a project known as **Volvo LIGHTS**, which stands for Low Impact Green Heavy Transport Solutions, teamed up to develop programs and best practices that would help lay the foundation for the successful commercialization of electric big rigs.

During the project, which ran from 2019 to 2022, Volvo Trucks deployed 30 of its VNR Electric trucks to 11 fleets in the South Coast Air Basin to collect real-world operating data and customer feedback. A Lessons Learned Guidebook was produced to document key findings from the project, including valuable insights on project management, routes, emission reduction benefits and costs.

An event to celebrate the project's conclusion was held recently at the Ontario Convention Center, featuring a display of Volvo VNR Electric trucks from project participants, including SCE.

According to Justine Chao, a senior project manager in SCE's eMobility Program Management group who was at the event, the lessons learned from the collaboration come at a pivotal time, as we are ramping up our efforts to help customers electrify their medium- and heavy-duty fleets.

"We're using the data and the experiences we gained through Volvo LIGHTS to directly inform our planning efforts around electrification more broadly here at SCE," Chao said. "Additionally, we're aiming to replicate similar levels of trust, communication and strong coordination that contributed to our success in Volvo LIGHTS as we deploy subsequent electrification projects."

SCE collaborated with project partners on the installation and energization of 58 public and private EV charging stations. We also conducted a site grid system impact study to help inform plans for supporting a future of fully electrified goods movement.

Cleaner Transportation Technology for Freight Hauling

"This project shows how important it is for public and private entities to work together to bring zero-emission technologies and infrastructure to the nation," said Ben Benoit, South Coast AQMD board chair. "Now that the project is coming to an end, we look forward to seeing these cleaner trucks on the road and the impact they will have on air quality."

Volvo LIGHTS concludes at a critical time for the transportation industry, as many battery-electric trucks now on the market can travel more than 200 miles per charge, allowing them to take over freight hauling and delivery routes that could only recently be handled by diesel-powered vehicles. Also, the California Air Resources Board's Advanced Clean Truck Regulation requires truck sales in California, depending on class, to be 40% to 75% zero-emission by 2035.

In pursuit of our own fleet electrification goals, we have added a Volvo VNR Electric truck to our fleet. We use the battery-electric truck for material transport from our Irwindale warehouse to warehouses in Rialto and Westminster.

By 2030, SCE plans to convert 100% of our passenger cars and SUVs, 30% of medium-duty vehicles and pickup trucks, 8% of heavy-duty trucks and 60% of forklifts from fossil fuel to electric power.

To learn more about SCE's commitment to a clean-energy future, visit [edison.com/clean-energy](https://www.edison.com/clean-energy). To view SCE's blueprint for meeting California's 2045 goals to clean our electric grid and reach carbon neutrality, visit [edison.com/pathway2045](https://www.edison.com/pathway2045).



*Many battery-powered heavy-duty vehicles on the market, including Volvo's VNR Electric truck, can travel more than 200 miles per charge.
Photo credit: Paul Griffio*

Hispanic Heritage Month and Multicultural Events: Celebrating Business and Community Partnerships

SCE recently held our 12th Annual Hispanic Heritage Month (HHM) and First Annual Multicultural event celebrations, recognizing organizations and companies that advance the efforts and contributions of our diverse communities.

At both events we proudly honored organizations in the categories of Community Partnership, Clean Energy Champion, and Diversity. Our previously named Diverse Business Enterprise Award, now the Gwen Moore Diversity Award, pays tribute to the former California assemblywoman who passed away in August 2020. During her career, Moore played a critical role in advancing diversity initiatives in the utility and communications industries.

Congratulations to this year's highly deserving award recipients.

HHM Event:

- Community Partnership Award: San Gabriel Valley Conservation Corps
- Clean Energy Champion Award: San Jacinto Unified School District
- Gwen Moore Diversity Award: Pacific Coast Tree Experts

Multicultural Event:

- Community Partnership Award: Redbird
- Clean Energy Champion Award: Porterville Unified School District
- Gwen Moore Diversity Award: AAA Mobile Solutions, Inc.
- Gwen Moore Diversity Award: Blair, Church & Flynn

Both events featured business and civic leaders, cultural icons and SCE executives, plus included exhibitors, energy education and entertainment.

In addition to SCE executives, the stellar speaker lineup for the virtual HHM event – with a theme of “Embracing Traditions, Empowering Our Communities” – included:

- Pre-Event Host: David Valadez, Entertainment Correspondent, Univision
- Emcee: Alysha Del Valle, News Anchor, Reporter, Media Personality
- Keynote Speaker: Beatriz Acevedo, Entrepreneur, Cultural Strategist and Social Advocate, Acevedo Foundation
- Guest Speaker: V. Manuel Perez, Board Supervisor, 4th District, Riverside County
- Guest Speaker: Steve Chaparro, Speaker, Executive Coach, Organizational Designer, Culture Design Studio
- Guest Speaker: Jacque Casillas, Council Member, 1st District, City of Corona

Our outstanding speakers at the in-person Multicultural event, held in Tulare, included:

- Emcee/Panel Moderator: Courtney Blore Kalashian, Executive Director, San Joaquin Valley Clean Energy Organization
- Guest Speaker: Sagrario Diaz, Training and Quality Assurance Director, Parent Institute for Quality Education (PIQE)
- Panel Speaker: Anil Kumar, Owner, K&G Ranches
- Panel Speaker: Stephanie Ng, Air Quality Specialist, San Joaquin Valley Air Pollution Control District
- Panel Speaker: Eric Payne, Executive Director, The Central Valley Urban Institute

Visit the [SCE Heritage Event website](#) to learn more about these two exciting celebrations and to read about the [HHM event honorees](#) and [Multicultural event honorees](#). Hashtags: [#SCEHHM2022](#) and [#SCE2022multicultural](#)

Also follow us on Twitter [@SCE_Business](#) and [@SCE_Communities](#), and join our Business and Community Partnerships [Facebook](#) page, to learn more about our business programs and community initiatives. For more details on SCE's diversity commitment, cultural awareness and outreach, visit [sce.com/diversity](https://www.sce.com/diversity).

