

Nuvve V2G Hubs

Turning EVs into Flexible Storage

Nuvve (NASDAQ:NVVE) is a global leader in vehicle-to-grid (V2G) and commercial V2G deployments with an intelligent energy platform that combines the world’s most advanced V2G technology with an ecosystem of electrification partners.

Bridging the Gap Between Energy and Transportation with V2G

Renewable energy sources need storage. EVs have a built-in energy storage system.

V2G technology bridges the gap between these two sectors, and also helps regulate energy on the grid.



Increases utilization of EVs



Transforms EVs into valuable earning assets

REDUCING TOTAL COST OF OWNERSHIP



Contributes to a more resilient grid



Integrates renewable energy in a more reliable way


CREATING ENERGY EQUITY

Nuvve partners with local governments, fleet managers and utilities to implement projects that reduce electric fleet costs, improve grid resiliency, better integrate renewable energy sources, and ultimately speed up America’s transition to a decarbonized transportation sector.




Nuvve Intelligently Electrifies Your Fleet


Nuvve’s wealth of global experience in more than 10 countries on 4 continents and charging control and aggregation know-how make it a clear partner of choice for communities looking to electrify in an intelligent way. When implementing a V2G Hub project, Nuvve’s focus is firmly rooted in meeting the unique mobility, operational and energy needs, and aspirations of the community.




Opportunity to capitalize on a transformational megatrend




Differentiated and proprietary technology



Highly experienced team



Compelling turnkey offering



ESG multiplier


The Power of V2G Hubs

Nuvve’s V2G Hubs feature leading V2G EV charging technology that precisely manages the charging and discharging of parked EV batteries while also prioritizing vehicle and driver considerations including battery health and charge needs for driving duties.




Nuvve’s system can combine the energy from multiple EV batteries to form virtual power plants to sell energy back to the grid, hedge against energy fluctuations and provide services that help with grid stability, predictability and resiliency. These centers are capable of serving multi-modal electric vehicle fleets from ride-share services to delivery fleets and transit buses while supporting grid stakeholders from utilities to transmission system operators.

200 buses connected with V2G capability at 125kW would equate to **25MW of capacity**



25MW would be capable of reducing peak consumption of **10k homes by 50%**



- ① Accelerating EV penetration by monetizing increased utilization and TCO reduction
- ② Improving grid resiliency with virtual power plants
- ③ Accelerating renewables penetration
- ④ Keeping cost of energy equitable

Current Projects



Electrifying Fresno EOC Transit Systems’ 50-Shuttle Fleet

In January 2024, Nuvve won a \$16M contract with the Fresno Economic Opportunities Commission to support Fresno’s vision of a greener future and enhance the overall reliability and effectiveness of its transportation services.

Launching Taiwan’s First V2G Hub Project

Nuvve is in contract negotiation with Taipower to develop a state-of-the-art smart parking structure, the first of its kind in the country, underscoring Taiwan’s commitment to sustainable energy and smart infrastructure development.



By the Numbers

160+
Global Customers

47
Employees

20
Global Patents
Including 7 Pending

20+
Utility Partners

180+
Individual Sites Managed

600+
EVSEs Deployed

25+MW
Capacity Under Management



To learn more about Nuvve's innovative solutions and V2G technology, visit www.NuvveV2GHubs.com or contact us at sales@nuvve.com.