

The North American uptake in electric vehicles (EVs) is occurring rapidly, driven by government decarbonization policies and incentives, falling battery prices, and a growing number of EV models offered by automakers. Solas Energy® has a deep understanding of the zero emissions vehicle (ZEV) industry. We provide our clients with strategic advice, due diligence and development, and fleet decarbonization strategy. We offer valuable insights into market dimensions and strategic entry plans.



Expert Advisory  
Services



Zero Emission  
Fleet Optimization



Project Development  
and Management

## Expert Advisory Services

- ZEV market assessment, including customer, competitor, market, and environmental analysis, and supply and demand outlooks
- Proprietary zero emissions fleet modeling tool to forecast vehicle sales, infrastructure growth, home charger sales, electricity demand growth, GHG impacts, grid impacts, impacts on oil demand, and battery and associated metal demand
- ZEV market entry strategy, including trends analysis, potential partners, and implementation roadmap

## Zero Emission Fleet Optimization

- Fleet decarbonization strategy for light, medium, and heavy vehicles
- Strategic evaluation of electrification versus alternative fuel vehicles, charging protocols and infrastructure, and route assessment
- Financial evaluation, including economic analysis, renewable energy procurement, and energy services management
- Implementation roadmap, including infrastructure and capacity assessment, operational plan, ongoing risk management, and change management
- Zero emissions vehicle matrix, including price, range, efficiency, sales, and production

## Project Development and Management

- Site selection assessment and advisory
- Fuel cell project technology and feasibility review, including solid oxide, phosphoric acid, and molten carbonate fuel cells

*“Solas Energy has key strategy and modeling skills that have supported our journey on sustainable development and business development. I highly recommend them.”*

**Senior Sustainability Manager**  
TIER 1 Telecom Company

## Contact Us Today to Learn More

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*Innovative. Comprehensive. Trusted.*

