

Leveraging precision data and custom strategies to scale fleet electrification

Transportation costs and emissions continue to be a top challenge for organizations around the globe, especially with increased geopolitical volatility. Fortunately, fleet electrification is technically feasible today and offers operational savings as well as lucrative new revenue opportunities. One of the primary challenges centers around developing an actionable plan to efficiently transition from diesel/gas to electricity. A thoughtful plan requires analyzing the data to determine the most cost-effective and impactful strategy for converting your light, medium, and heavy-duty fleets to electric. This plan allows businesses to iterate on a charging strategy that might include depot, home, and en-route charging.

How can 3Degrees help organizations develop best-fit strategies for electrifying their fleets?

3Degrees provides an end-to-end service that allows companies to build their fleet electrification road map. Working together with our data platform partner, [Merge Electric Fleet Solutions](#), we help gather custom driving data, analyze the results, identify and prioritize top vehicle opportunities, and provide emission reductions, total cost of ownership, market-based incentive calculations, and identify and optimize charging infrastructure opportunities.

Develop your EVSnapShot with 3Degrees & Merge EFS:

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VEHICLE USE CASE ANALYSIS

We utilize telematics data to analyze key criteria impacting electrification:

- + Vehicle Speed
- + Distance
- + Idling, Accelerating, Braking
- + Temperature
- + Fuel Consumption
- + Towing

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THE CONCLUSION OF THE ANALYSIS IS THE FOLLOWING KEY INFORMATION:

- + Number of eligible vehicles for electrification.
- + The estimated Total Cost of Ownership.
- + A ranking of which vehicles to electrify based on value.
- + CO₂ reduction & Market Based Incentive calculations.
- + Evaluation of energy needs to inform charging needs calculations.

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The customer then needs to assess how electrification would impact their operations.

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If electrification is attractive, the customer next needs to review their current electrical infrastructure.



Experience

Though critical to any fleet electrification program, data can only take you so far. 3Degrees has an extensive track record of sustainability and transportation electrification strategy development and implementation. We can translate the data into meaningful action and work with cross-functional teams to roll out pilot programs. Examples of our multidisciplinary leadership in transportation decarbonization consulting and program development include:



Proven transportation, renewable energy, and decarbonization advisory excellence.

Our in-house team of consulting partners have deep expertise in developing tailored solutions aimed at increasing the deployment of electric vehicles, charging infrastructure, and broad renewable energy and decarbonization solutions. Our programs strike the right balance among cost, risk, and ensuring progress toward emission reduction targets.



Experts in managing transportation compliance reporting.

We have managed the registration, verification, and issuance of over 75 reporting years of California Air Resource Board compliance credits under the Low Carbon Fuel Standard and other programs.



Access to a comprehensive ecosystem of fleet electrification tools and services.

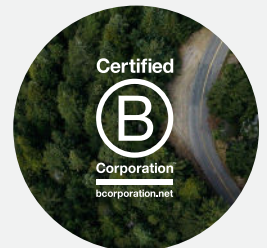
A broad range of rich data sources are required to tackle the complex process of transportation electrification. Partnering with 3Degrees allows organizations access to cutting-edge data platforms to help build your electrification roadmap as well as business case.



Leading supplier of renewable energy to vehicles under transportation market-based incentive programs.

We are the number one supplier of voluntary Renewable Energy Certificates in North America. We have supplied over 600,000 megawatt-hours of renewable power to electric vehicles and have passed along \$11M in value to support our customers' transportation electrification programs. (EVs and EVSE).

3Degrees, a certified B Corporation, makes it possible for businesses and their customers to take urgent action on climate change. We help organizations around the world achieve renewable energy and decarbonization goals through our work with global Fortune 500 companies, utilities, and other organizations that want to join the fight against climate change.



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