



Automotive + Manufacturing Project Highlights

EDISON
energy®

Solving the biggest challenges in energy today.

Edison Energy provides independent, expert advice and solutions to help large corporate, industrial, and institutional clients better understand and navigate the choices and risks of managing energy. We enable decision-makers in organizations to deliver on their strategic, financial, and sustainability goals.

Through a comprehensive portfolio approach, we work with our clients to help them resolve the key challenges of **cost**, **carbon**, and the increasingly **complex choices** in energy.



Supplier Sustainability

Edison Energy is assisting clients by:



Crafting and implementing supplier sustainability projects/programs



Determining most appropriate metrics and tracking mechanisms



Removing the resource burden from internal teams

Project Gigaton by the numbers:

Within two years, Walmart has already avoided **93 million metric** tons of emissions. This is equivalent to:

The greenhouse gas emissions from
19.7M
passenger vehicles
driven for one year

The carbon dioxide emissions from
11.1M
homes' energy use
for one year

The carbon sequestered from
109.4M
acres of U.S. forests
in one year

The carbon dioxide emissions from
10.5B
gallons of gasoline
for one year

Program Experience Snapshot:

Walmart Project Gigaton

› Approved consultant developing and implementing greenhouse gas (GHG) reduction projects

Honda Green Excellence (GEA) Program

› Implemented and executed a new sustainability pilot program with Honda Suppliers

› Goal: reduce the emissions in their supply chain by 1% per year over the next ten years

› GEA recognized companies in the Honda supply chain for emissions reductions activities, such as efficiency measures & projects

Largest power purchase agreement (PPA) announcement in automotive history

Read the Press!



Honda

Off-site Power Purchase Agreements

Edison Energy worked with Honda to facilitate two long-term virtual power purchase agreements (VPPAs) for 320 MW of renewable power capacity in Oklahoma and Texas.

The purchases are among the largest VPPA commitments in the U.S. market and will fully offset the remaining carbon-intensive electricity

Honda gets from the grid, thus reducing emissions by more than 800,000 metric tons of annually, as much as the energy use of 100,000 U.S. households.

Highlights

- › Implementation of unique “collar” structure to shield Honda from energy price fluctuations
- › Enough wind and solar energy to cover 60% of Honda’s electricity use in North America

General Motors

Off-site Power Purchase Agreements

With a commitment to 100% renewable energy by 2050, GM sought the guidance of Edison Energy to help them navigate the power market and support its renewable energy sourcing efforts.

Edison Energy assisted the GM team in project due diligence and risk assessments, and developed confidence intervals to forecast economies for each project.

Highlights

- › Power purchase agreements totaling +280 MW in the US and Mexico
- › Working relationship spanning 8+ years



One of only **3 auto manufacturers** to join **RE100**

A large field of wind turbines is shown on rolling hills under a clear blue sky. The turbines are white with three blades each, and they are scattered across the landscape. The hills are dark and appear to be covered in low-lying vegetation or are rocky. The overall scene is a vast, open landscape dedicated to renewable energy.

To be the best at what you do, you have to know the standards of your field.

Certifications

At Edison Energy, our talented team prides itself in being certified in the following areas:

BPI Certified Professionals

Certified Building Commissioning Professional

Certified Energy Manager

Certified Energy Auditor

Certified Demand Side Management Professional

Certified Lighting Efficiency Professional

Chartered Financial Analyst

Existing Building Commissioning Professional

Healthcare Facility Design Professional

LEED Accredited Professional

LEED Green Associate

NEBB Certification

Project Management Professional

Professional Engineering

Awards Snapshot

Smart Energy Decisions Innovation Award:

Energy Data Management (2020)

Memorial Sloan-Kettering Cancer Center (MSKCC) Breast and Imaging Center (BAIC) Virtual Energy Management and Fault Detection + Diagnostics (FDD)

North American Power List: 100 Most

Influential in North American Wind (2020)

Renewable Energy World: Solar

40 Under 40 Award (2018)

Awarded to Emily Williams, VP, Strategy & Sustainability

North American Wind Deal of the Year (2017)

Edison provided renewable advisory services for the 178 MW Bloom Wind project located in Kansas, in which Microsoft became the first buyer to participate in this innovative risk-management structure

Greentech Media: Grid Edge Award (2017)

Awarded for the development of leading and innovative PPA product (PowerBlok PPA)

Engineering News Record: Project of the Year

Honorable Mention (2012)

New Jersey American Water Canoe Brook WTP Solar PV System (Nation's first commercial floating PV system)



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