



Decarbonization strategy

21 October 2024

EDISON
energy®



AN EDISON ENERGY COMPANY
alfaenergy



ALTENEX
energy®
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 TRIO™

From three brands to one vision.

Edison Energy, and affiliated companies Alfa Energy and Altenex Energy, have united under one new global name and brand - Trio.

In October 2022, Alfa Energy, which began operations in the UK in 1995 and later expanded into a number of countries in Europe, joined the Edison Energy group in order to provide integrated sustainability and energy advisory services to clients across North America and Europe.

We made the decision to unify under a single global name and brand as a way to accelerate the company's approach to serving clients by providing you with a set of integrated sustainability and energy offerings across diverse sectors and geographies.

With our new name and brand, we look forward to continuing our progress towards fulfilling our strategic vision and purpose - to guide the world's largest businesses at every step of their decarbonization journeys.

[Learn more about our new brand](#)



450+

Team members

30+

Countries served globally

20

Languages spoken

Trio by the numbers



\$11.4B+

in energy spend managed

12 GW+

of off-site renewable
procurement

50

of the Global Fortune 500
and Fortune 500 are clients

280 million+

metric tons of CO₂e
avoided from renewable
energy projects*



*EPA Greenhouse Gas Equivalencies Calculator over lifetime of PPA

Our integrated offerings



The central graphic is a grid of five service offerings, each with a distinct background image and a white icon. The offerings are:

- Energy Optimization and Implementation:** Background is a dark teal, textured surface. Icon is a lightning bolt inside a circle with arrows.
- Transportation Electrification:** Background is a green and blue abstract image. Icon is a car with a plug.
- Conventional Supply Solutions:** Background is a brown, wood-grain texture. Icon is a power transmission tower.
- Clean Energy Advisory:** Background is a teal, abstract image. Icon is a wind turbine.
- Sustainability Advisory:** Background is a dark blue, abstract image with glowing spots. Icon is a stylized circuit or network diagram.

Three large, white, curved lines overlap the bottom and right sides of the grid, creating a sense of flow and integration.

Decarbonization pathway



1. Report data

Gather greenhouse gas inventory data

Enter and report data requested by customers



2. Gain management approval for a target

Learn the business case for setting a decarbonization target

Calculate the emissions reductions needed to meet a target

Present the costs and benefits to meeting a decarbonization target



3. Gain management approval for a decarbonization pathway

Identify strategic decarbonization activities for your company

Identify the resources needed to pursue those decarbonization activities

Establish internal governance process for approving projects



4. Implement decarbonization measures

Learn about the decarbonization projects applicable to your company

Make the business case for completing each action

Implement the decarbonization measure



5. Continuous improvement & reporting

Report progress to customers

Repeat trainings and internal socialization of project opportunities

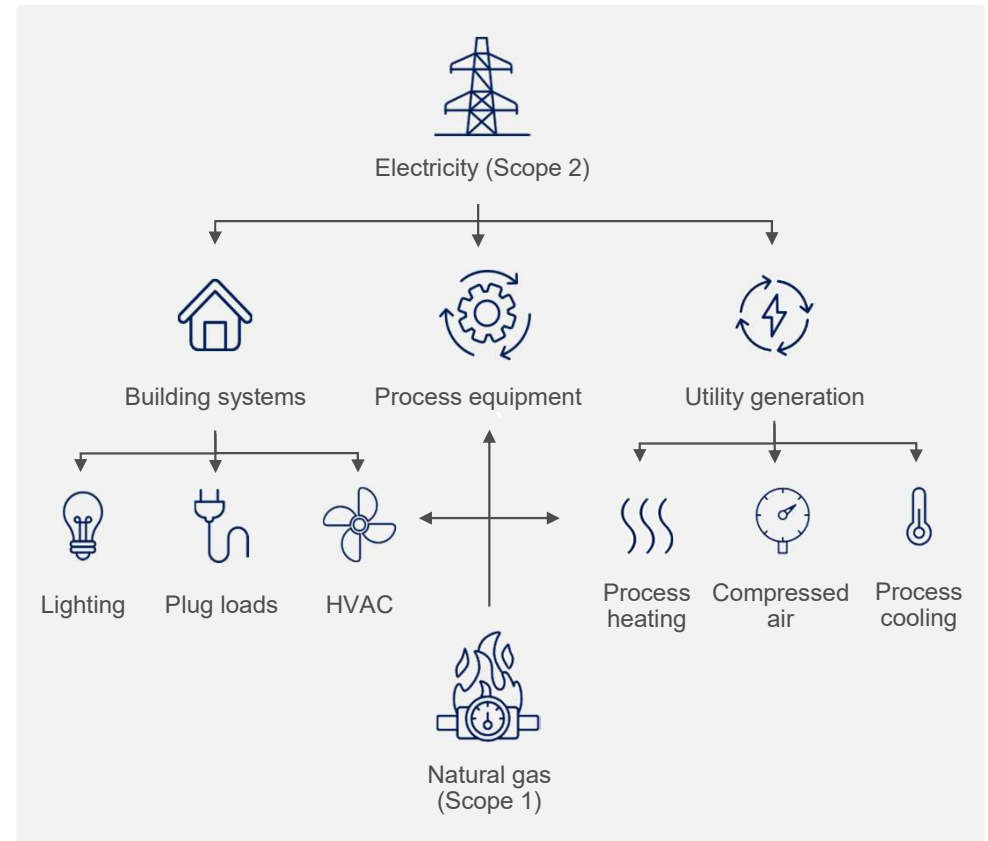
Seek support in identifying next steps for decarbonization

Scope 1 Decarbonization Pathways



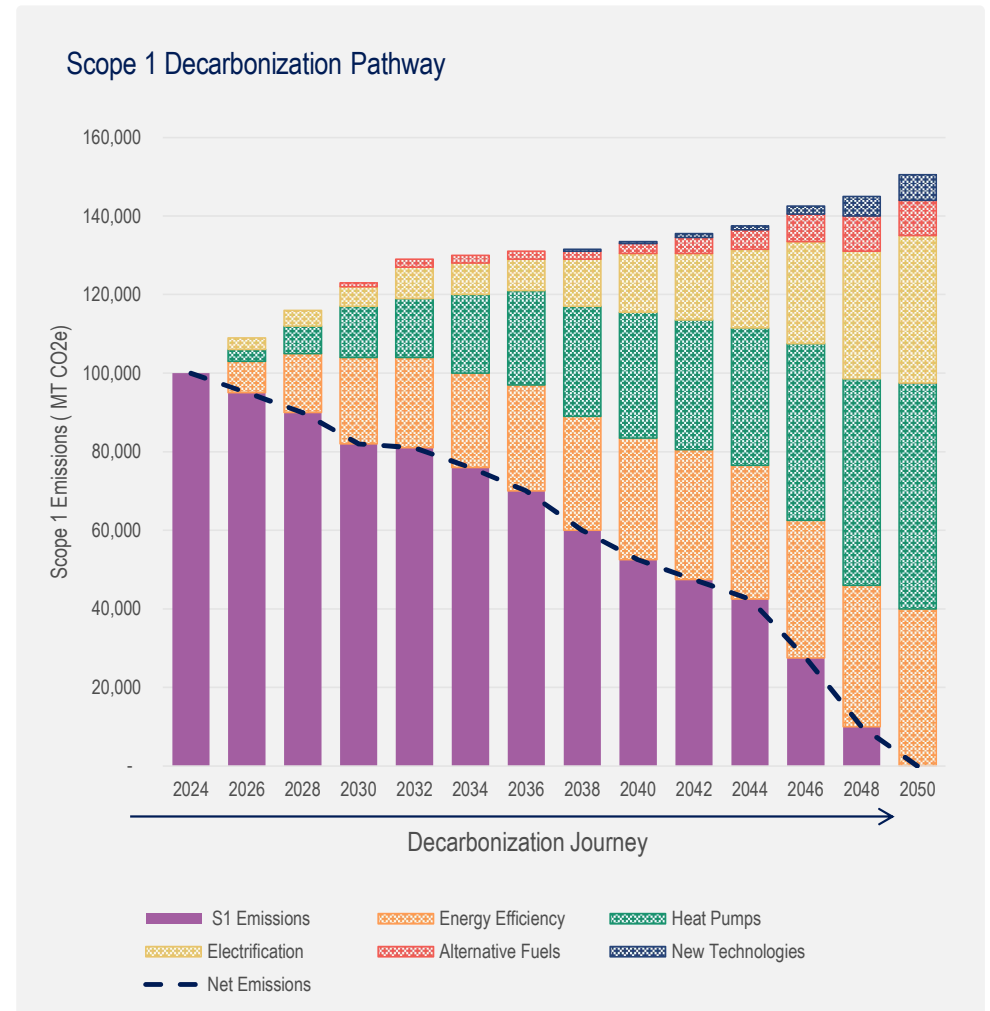
Decarbonization pathways

- **Energy savings opportunities** – Prioritize reductions in energy usage: result in lower emissions (S1 and S2), lower renewable energy procurement costs & lower operating costs
- **Electrification** – Electrify S1 emitting processes to transfer them into S2 emissions. This allows those processes to be met with **Renewable Energy** and eliminate the S2 emissions
 - Evaluate heat pump and heat recovery technology to electrify and increase heating equipment efficiency by 200%-400%+ in low to medium temperature (<120°C) applications
- **Alternative fuels and emerging technology** - Assess potential alternative fuel sources, such as green hydrogen or biomass, and emerging technologies, like thermal batteries, for extreme high temperature thermal needs that are not easily decarbonized.
- **Offsets** - Consider strategic use of carbon offsets as an alternative solution in compliance with sustainability goals



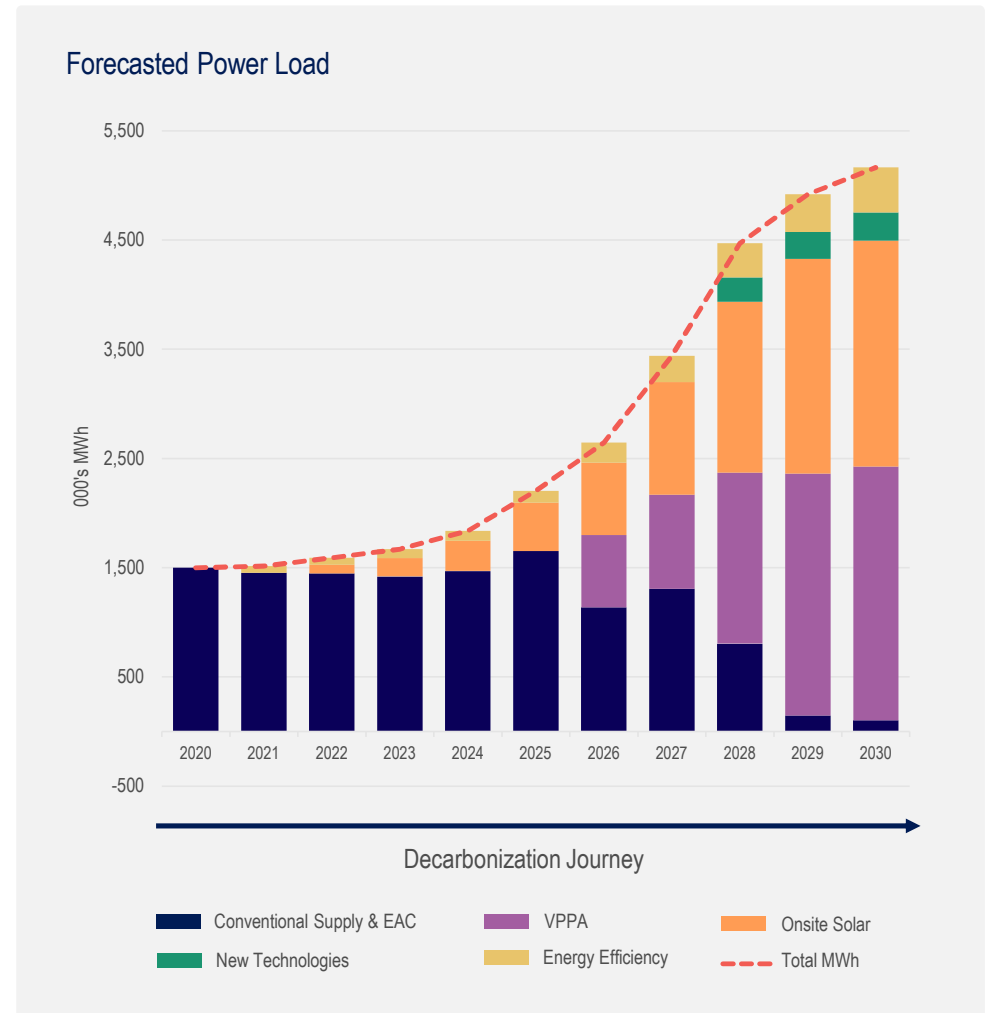
Scope 1 decarbonization planning

- Implement near-term cost-effective measures
- Leverage life-cycle replacements in line with a long-term decarbonization strategies
- Begin internal and external conversations now about availability of alternative fuels
- Partner with equipment manufacturers to explore emerging technologies



Scope 2 decarbonization planning

- Pursue near-term cost-effective energy efficiency and onsite solar opportunities
- Isolate energy hot spots and pursue near-term & long-term solutions
- Leverage life-cycle replacements in line with a long-term decarbonization strategies
- Review utility renewable commitments to account for long-term grid greening

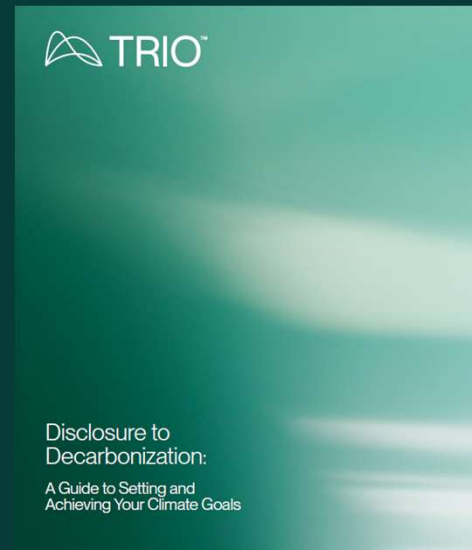


To learn more, download the white paper

**Disclosure to Decarbonization:
A guide to setting and achieving your climate goals**



Scan to download the full report



Thank you



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