



# TRIO™



# Renewable Energy

Renewable purchasing options are vast and include onsite generation, community solar, offsite renewable energy, and renewable energy certificate (REC) purchases. Options vary in financial return on investment, sustainability claim, and site compatibility, which should be considered carefully to ensure alignment with your organization’s renewable procurement and broader sustainability strategies.

“Honda has utilized multiple VPPAs as a foundation to our Scope 2 decarbonization strategy.”

– Honda, Carbon Neutral Solutions Dept. Lead

## Highlights

**Payback Potential:** Varies

**Implementation Complexity:** Varies

**Key Stakeholders:** Energy Mgrs., Legal/Risk Management Mgrs., and Facilities Mgrs.

**GHG Reduction Potential:** High

**GHG Scopes Reduced:** Scope 2

## Progress toward these Honda Scorecard Requirements

- Reduce emissions 5.7% annually
- Source a minimum of 10% carbon free energy
- Reduce emissions by 34% by 2030
- Source a minimum of 50% carbon free energy
- Achieve carbon neutrality



## How this drives GHG reductions

When a company procures renewable electricity, it receives one REC for each MWh it buys. This REC allows a company to claim that it emitted zero carbon for that MWh.

Through various avenues, from power purchase agreements and onsite generation to direct REC purchases, your organization can scale procurement to directly reduce Scope 2 emissions and help accelerate broader grid decarbonization.

## Where to start

Companies will want to understand their renewables options by site, along with the financial impacts and level of effort required. Consider using the Transform: Auto resources and guidance linked below to receive free, customized feedback on these topics and an opportunity to discuss with a renewable energy expert at Trio.

To align on strategy, engage stakeholders ranging from sustainability and energy procurement to legal and executive leadership.

## Project examples

- Onsite solar
- Virtual Power Purchase Agreements (VPPAs)
- Retail Power Purchase Agreements (PPAs)
- Utility green tariffs
- Renewable Energy Certificate (REC) open-market purchases



## Resources to guide you

[Transform: Auto Renewable Energy Screening Tool](#): Receive free feedback on renewable energy options available to your sites, as well as indicative economics. A Trio renewables expert can discuss your results during a complimentary Office Hours session.

[Transform: Auto Renewables Guides](#): Create a free account on the Transform: Auto portal to access free on-demand education explaining renewables options, download guides to renewables by location, and receive notifications about upcoming webinars.