



Meeting *Sustainability* Goals Made Easy

Many businesses and institutions have set sustainability goals and are looking to procure renewable energy to help fulfill them. Yet most energy buyers aren't aware of the many renewable energy products available in today's market or the variety of contractual terms that distinguish them. Simply put, you don't have to put solar panels on your rooftops to go green – though you can if you want – because there are many paths to going green.

This brochure lays out your options, explaining the different types of products and terms that can help you meet your sustainability goals within your budget and risk tolerance, as well as how best to procure them.

We Make Sustainable Procurement Easy

Making the right choices for your situation requires a partner that will start by understanding your needs, then matching solutions and suppliers that can best meet those needs and budget. Beyond the environmental benefits of renewable energy, it can also act as a risk management tool to provide long-term electricity cost stability. Some renewable energy contracts today are even cost competitive with traditional "brown" power or, in some cases, provide a savings.

Benefits of using Transparent Energy for your renewables procurement:

- ✔ Expert understanding of renewable energy markets and contracting
- ✔ A suite of options to help design a procurement strategy to best fit your needs and budget
- ✔ A process-driven approach that will bring the most suppliers to compete for your business and drive to the best value



Let us help find the *right solutions* to meet your renewable energy goals

The renewable energy market is full of choices. Which products are right for you? Answering that correctly starts with asking the right questions. At Transparent Energy, we'll understand "why" you are going green before showing you "how" best to achieve your goals with the following products:

A WORLD OF RENEWABLES AT YOUR FINGERTIPS

Products grow in financial risk and complexity from left to right

Carbon Offsets	Renewable Energy Certificates (RECs)	Community Solar	Renewable Backed Contracts	Off-Site Power Purchase Agreements (PPA)	Virtual Power Purchase Agreements (VPPA)
<ul style="list-style-type: none"> Credits Created by a reductions in CO2 Can off-set fossil fuel consumption Annual off-sets Portfolio based, not directly tied to an asset Set Purchase amount 	<ul style="list-style-type: none"> Most established product Annual off-sets Not tied to an asset No direct path of supply or load following 	<ul style="list-style-type: none"> Direct purchase from a specific project Regulatory structure only available in some states and utilities Some programs applicable only to small customers (<25 KW) C&I "Anchor Subscriber" opportunities 	<ul style="list-style-type: none"> Slices of PPA combined with retail supply contract Can be directly tied to a project, creating more transparency 3-10 year terms 	<ul style="list-style-type: none"> Project specific Customer takes physical ownership of electrons Limited to deregulated retail markets 10-20 year contract 	<ul style="list-style-type: none"> Project specific Financially settled swap contract Can introduce budget risk Load-serving power separately procured 10-20 year contract





A SUITE OF PRODUCT OFFERINGS

Renewable Energy Credits (RECs):

RECs are available today as a virtually “free” option to add renewable energy to your supply portfolio. RECs are certificates that represent the renewable attributes generated by clean energy systems. Each certificate represents the renewable attributes of 1,000 kWh (or 1 MWh) of electricity produced from a generator powered by clean sources like solar, wind, biomass (land-fill gas methane, wood waste, etc.), or hydro. You can purchase these credits separately or bundled into your electric supply contract from a competitive supplier. This flexibility allows buyers to select how much of their consumption is “supplied” by renewable energy. The price of each REC varies based on where it was produced and by what technology.

Power Purchase Agreements:

Power Purchase Agreements (PPAs) are contracts for the purchase of electric power, in this case directly with a renewable generator. These tend to be 10-20 year contracts and are often done with brand-new renewable plants and help the developer get the project financed. PPAs provide transparency and long-term price certainty not available in a typical REC purchase.

Renewable Asset-Backed Retail Electric Contracts:

A simpler form of PPA, these contracts are very similar to a typical retail power contract for brown power, except with power supplied by a specific renewable generator. A retail supplier takes care of all of the risk and complexity of delivering the electricity to your buildings. Like typical retail supply contracts, these can be structured as fixed price or block and index contracts with full requirements, load following service included.

Community Solar and Virtual Net Metering:

These programs, available in select states, provide businesses access to solar power without having to invest in solar panels on their own property. This helps a number of different kinds of energy consumers support clean, solar energy: 1) businesses which may be in buildings without the unshaded space needed for panels, 2) tenants who don't have control of roof space, and/or 3) energy buyers who don't want the hassle of owning and maintaining power equipment. These solar programs also provide a significant savings, typically about 10% off your electric bills, while letting you keep your current electric supply contract in place.



Carbon Credits:

These are credits that can be purchased to off-set the carbon emissions from fossil fuels used for heating, producing electricity, or for miles driven by a fleet or other travel. The credits are produced by other companies that have reduced their carbon emissions or taken action to take carbon dioxide or other greenhouse gases out of the atmosphere. Credits can be purchased and traded separately or bundled with a natural gas contract.

Renewable Natural Gas:

Just as electricity can be purchased from renewable sources like solar or wind projects, so too can natural gas. These sources include processes like capturing gas streams produced by municipal or agricultural waste, cleaning it of impurities, and piping them into the natural gas delivery system. Since this gas is produced by natural and recurring chemical reactions - and would normally be vented into the atmosphere - capturing them and burning them cleanly in the natural gas system reduces greenhouse gases.

On-Site Generation:

Installing renewable generation at your facility can provide many benefits, including long-term energy savings and a reliable energy source that you control for your facilities. Technologies include one or a combination of solar, battery storage, and other technologies. Transparent Energy's renewables team will advise you on selecting the best technologies, installers, and financing options.

Let us show you the Transparent way to procure your renewable energy.

Give us a call at 862-210-8770