

Renewable Energy

Make a positive change to your organisation's sustainability credentials with EDF's Renewable Energy.



Report zero carbon emissions from your purchased electricity

Modern carbon reporting standards like the GHG Protocol require organisations to base their carbon emissions reporting on the choice they make for their electricity purchases (called “market-based emissions”), as well as their grid connection (called “location-based emissions”). The idea is that using both numbers gives a fairer, more complete picture of an organisation’s efforts to reduce its carbon emissions by choosing to purchase low-carbon electricity or being more energy efficient.

With our renewable electricity options, your organisation’s electricity supply is backed by certified renewable generation sources which all have a zero emissions rating. That takes your market-based carbon emissions to zero, and with climate change now a mainstream issue, that can only help your business.

Available for both fixed and flexible price supply contracts, our renewable options are backed by REGOs (Renewable Energy Guarantees of Origins) and/or GoOs (Guarantee of Origin). The REGO scheme is administered by Ofgem and is used to provide transparency to consumers about the proportion of electricity that suppliers source from renewable generation in the UK. GoOs are proof that the electricity has been generated by a renewable generation source from an EU country.



- Each megawatt-hour (MWh) is evidenced by a REGO or a GoO.
- The purpose of the certificate is to prove that a given share of energy was produced from renewable sources.

All from one of Europe’s largest renewable energy generators and purchasers

With 598MW of installed renewable generating capacity, EDF Group is one of the largest renewable generators in Europe. We operate 31 wind farms in the UK with 8 more on the way. We are also a major purchaser of renewable electricity from many independent renewable generators in the UK.

Independently verified for extra confidence

To give you added confidence, The Carbon Trust has assured that the electricity supplied for the year ended in 31st March 2021 under the following products – Renewable for Business, Select Renewable, Clean Renewable and UK Renewable – all of which are under the umbrella of the “Renewable tariffs” is 100% covered by Renewable Certificates that have been obtained and retired by EDF, in line with the WRI GHG Protocol Scope 2 Guidance (2015).

You can download our report and the findings of The Carbon Trust’s assurance at edfenergy.com/CarbonTrust



*100% of the electricity supplied is renewable, backed by certificates of renewable energy guarantees of origin. Emission factor compliant with the GHG Protocol Scope 2 Guidance and to be used for the ‘market-based method’.



How can choosing a renewable supply help your business?

1. Pitching for new business

Over half of our business customers who sell to other businesses told us that they are asked for information on their environmental credentials when they pitch for sales or contracts. Of these, more than 80% said they're being asked about this more often. Half our business customers who sell to consumers told us they felt their sustainability credentials are important to their customers[^]. By choosing a renewable supply, you can show that your business has made an informed choice – to run on electricity backed by renewable generation.

2. Reporting your carbon emissions

Does your business follow global best practice and report its carbon emissions using the Greenhouse Gas Protocol (The GHG Protocol)? Then your choice of electricity supply can make a big difference to the numbers you report. Choosing a renewable energy supply will allow your business to report zero carbon emissions for its electricity use. This is particularly important for larger businesses who have corporate social responsibility ambitions to join strategic initiatives like the RE100^{*}.

3. Assuring investors and shareholders

CDP (formerly the Carbon Disclosure Project) tracks

thousands of companies' climate change strategies and emissions reduction performance to help institutional investors understand the risk in their portfolios. These investors hold assets worth over US100 trillion^{^^}. The CDP currently uses the GHG Protocol as the method for companies to report their emissions. Choosing one of our renewable supply options can support your performance in their assessment process.

Buying zero carbon does not create more zero carbon energy in the UK

It's important to be clear about this. Whether you choose a zero carbon supply backed by renewable or nuclear energy, your purchase does not in itself cause any new zero carbon generation to be produced. The zero carbon electricity that we buy for Zero Carbon for Business or renewable products is supplied into the National Grid. Customers receive that electricity through the National Grid, not directly from zero carbon generators.

But your choice does show that your organisation is aware of the carbon intensity of the power it buys and is consistent with widely used standards and guidance in carbon accounting^{*^}. And that's a step in the right direction.

[^]Source: A survey of people most responsible for managing energy contracts in 132 large businesses conducted by McCallum Layton on behalf of EDF Energy from 5/12/2013 to 29/01/2014.

^{*} Source: www.there100.org/re100

^{^^} Source: <https://www.cdp.net/en/info/about-us>




^{*^} Source: www.ghgprotocol.org/standards/corporate-standard

How our renewable supply options compare with our Zero Carbon for Business and standard offers

Modern carbon reporting standards encourage businesses to use their choice of electricity supply to support their environmental commitments.

We offer three electricity source choices:

- 1. Standard:** backed by all electricity generation technologies from lower carbon renewables and nuclear, to higher carbon coal and gas.
- 2. Renewable:** backed by Renewable Energy Guarantees of Origin (REGOs) or GoOs (Guarantee of Origin).
- 3. Zero Carbon for Business:** backed by nuclear generation.

 Zero Carbon for Business Backed by nuclear Generator Declarations 0 carbon emissions	 Renewable Backed by REGOs or GoOs 0 carbon emissions	 Standard Backed by a guarantee from the generator 129g/kWh carbon emissions
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Renewable supply options

We offer a range of renewable supply choices, allowing you to pick the right option for your business.








Renewable for Business: Electricity backed by UK REGOs or European GoOs, from a blend of sources including hydro, wind, solar, biomass and landfill gas.

UK Renewable: Electricity generated from renewable sources in the UK, backed by REGOs.

Clean Renewable: Electricity generated in the UK from wind, solar and/or hydro, backed by REGOs.

Select Renewable: If you want your electricity supply sourced from a particular renewable technology or from a geographic region, our Select Renewable option gives you the flexibility, offering a strong sustainability message.

Every year we must publish details of the fuel sources that have been used to generate the electricity we supply to our customers. The information in the table below covers our supply licence for EDF Energy Customers Ltd for the period from April 2020 to March 2021. Our customers' electricity is sourced from our own UK power stations, the wholesale energy market and other independent power generators. We are a major supporter of independent renewable generators.

	 Coal	 Gas	 Nuclear	 Renewable	 Other	 CO ₂ g/kWh	 Radioactive waste g/kWh
EDF's fuel mix	1.3%	7.5%	62.1%	29.0%	0.1%	42	0.0043
Contribution to our carbon emissions	30.8%	66.7%	0.0%	0.0%	2.5%		
UK average fuel mix	2.7%	38.2%	16.1%	40.3%	2.7%	182	0.0011
EDF's fuel mix per tariff or product	Coal	Gas	Nuclear	Renewable	Other	CO ₂ g/kWh	Radioactive waste g/kWh
Low carbon ¹	0.0%	0.0%	100.0%	0.0%	0.0%	0	0.0070
Renewable ²	0.0%	0.0%	0.0%	100.0%	0.0%	0	0.0000
All other ³	4.0%	22.7%	38.8%	34.1%	0.4%	129	0.0027

The figures for UK average fuel mix are provided by the Department for Business, Energy & Industrial Strategy (BEIS). Depending on the tariff you are on, the fuel source and carbon emissions associated with the generation of your electricity may vary. For more information on our fuel mix, visit [edfenergy.com/fuelmix](https://www.edfenergy.com/fuelmix)

- ⁽¹⁾ Zero carbon tariffs and products include any sold as 'nuclear backed', such as Zero Carbon for Business (formerly Blue for Business).
- ⁽²⁾ All renewable tariffs and products (includes EV tariff).
- ⁽³⁾ All other tariffs and products - tariffs not referred to as Zero Carbon or Renewable.

The nuclear backed and renewable electricity that we buy for Residential, SME, Zero Carbon for Business (formerly Blue for Business) or Renewable tariffs and products is supplied into the National Grid. Customers receive that electricity through the National Grid, not directly from zero-carbon generators.

** Choice of a particular generator or site is subject to an agreement being arranged with that site.