

Cleaner Electricity

Green Mountain Energy Company sells cleaner electricity products to residential and commercial customers nationwide. To date, Green Mountain Energy Company has delivered more than six billion kilowatt-hours of renewable energy into the residential market alone.



Wind – Turbines are mounted on tall towers to harness the wind. This pollution-free form of generation is now the fastest-growing energy source in the world. The wind farms of today are sited and constructed to minimize adverse impacts on the surrounding ecosystem, including birds.



Hydro – Uses the energy of moving water to generate electricity. Even the best hydro plants may affect fish and wildlife habitats, but they are a non-polluting resource.



Biomass – Biomass generation harnesses energy stored in organic materials. Biomass includes materials like wood and mill wastes, and energy crops, as well as the gases naturally produced when organic waste decomposes.



Solar – The sun's energy can be used to generate electricity in two different ways. Photovoltaic (PV) cells can convert sunlight into electricity directly. Solar-thermal systems use the sun's heat to generate electricity, often by creating steam to power a generator's turbine.



Geothermal – Geothermal generation relies on heat trapped within the earth's crust, the same kind of heat that is evident in volcanic activities and geysers. Geothermal power plants tap steam and hot water trapped underground to convert that energy into electricity.



Natural Gas – Natural gas is not a renewable resource. It is, however, the cleanest burning fossil fuel. Compared to burning fuels like coal and oil for the same amount of energy, natural gas emits less of the pollution that causes global warming, acid rain, and smog.