

Clean, Renewable Energy

An Informational Article By Maddy Feldman

Clean and Renewable Energy

Clean and renewable energy can be hard to come by, industrial facilities and cars can release fair amounts of greenhouse gas or other types of air pollution. The impacts of air pollution and greenhouse gas can be devastating, most of them leading to climate change. Climate change can lead to wildfires, rising seas, and even the destruction of animal habitats. But what can we do about this issue? Some companies have already gotten to work on creating ways to reduce greenhouse gases by finding ways to produce energy using eco-friendly techniques.

Calpine Electricity Services and Solutions

Calpine Electricity is one of the cleanest and largest electricity generators in America. Using their 77 power plants throughout the country, Calpine is capable of powering 20 million homes using their clean energy. By powering their facilities with natural gas, they emit less greenhouse gas into the air. For example, at their power plant in Northern California, Calpine uses heat from nearby geysers to produce electricity. Their plants use less fuel than ones powered by coal, allowing them to be a more efficient and clean source of energy

Tesla

Tesla's electric cars can save a good amount of gases and chemicals such as carbon dioxide from being released into the air, but did you know they also make solar panels? Solar panels are great sources of energy, as they are renewable since they depend on the sun or solar energy. They also prevent harmful fossil fuels from being released into the air that are usually emitted when using energy that relies on oil, coal, and gasses to produce energy.

Carbon Lighthouse

Carbon Lighthouse uses data from sensors they installed in buildings to control which machines and lights need to be on, and to turn off unnecessary energy users. By allowing their customers to view their unnecessary energy users, companies can then learn and understand what it is they are doing wrong in terms of energy efficiency. The company's efficient energy saving technology is a big step towards preventing and ending the threat of climate change.

Conclusion

We only have one Earth, and we need to find more ways to save it. These companies are doing exactly that by finding ways to save energy, prevent climate change, and keep harmful gases and chemicals out of our air. These are just companies in the Bay Area, there are so many more just like them around the world. So let's step up, even turning off a few lights can make a difference, because climate change isn't backing down and neither are we.



Tesla solar panels and car



One of Calpine's energy plants



Carbon Lighthouse Logo