



GE RENEWABLE ENERGY | WIND TURBINES


# Harnessing the power of wind

## THE CHALLENGE

As the energy needs of the world increase, so does the need for minimizing the impact power generation has on the environment. Harnessing a carbon-free power source like wind efficiently and reliably requires innovative engineering.

## GE SOLUTION

GE wind turbines provide reliable, carbon-free, economically competitive electricity to help power the world. GE's digital wind farm is a hardware and software solution that makes wind power even more productive.

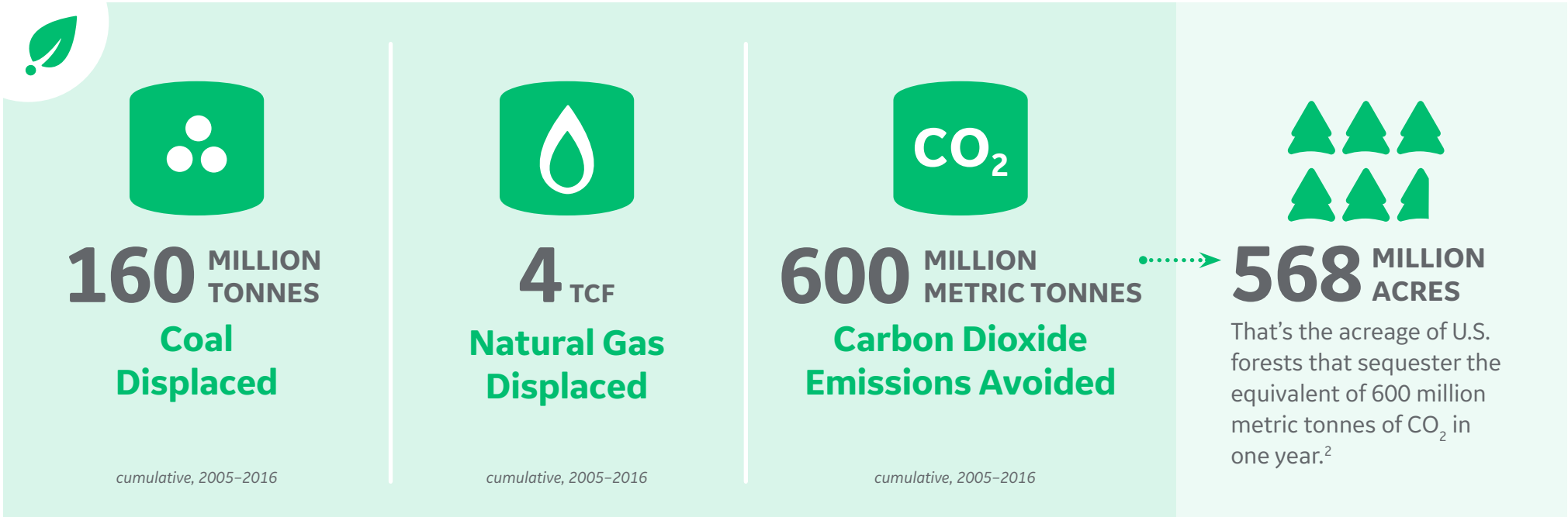
 **200 MILLION**  
 GE wind turbines generated over 800 TWh of electricity between 2005 and 2016. That's enough electricity to power over 200 million homes for one year.<sup>1</sup>



OVER **30,000**  
 GE wind turbines installed

## THE IMPACT

GE's installed base of over 30,000 wind turbines is currently generating over 160 TWh of **carbon-free** electricity per year.



1. GE electricity production estimates. Assumes global average annual household electricity consumption is 4,000 kWh.  
 2. Forest CO<sub>2</sub> sequestration calculations based on U.S. EPA assumptions, which are available at <https://www.epa.gov/energy/greenhouse-gases-equivalencies-calculator-calculations-and-references>.