

CO₂ Emission Reductions Achieved Using Renewable Energy at the Kyuden Group (FY2017)

Geothermal

We operate approx. 40% of facilities nationwide

Existing facilities updated and output increased. Surveying and development of new sites.




520,000 t less CO₂ emitted

Yamagawa Binary Power Station in Kagoshima Prefecture

Solar

Developed on disused power station sites and idle land. We purchase as much solar-generated electricity as possible.




30,000 t less CO₂ emitted

Renatosu Soma Solar Park in Fukushima Prefecture

Wind

Developed on sites identified as having ideal wind conditions. Harmonious with surrounding environments.




40,000 t less CO₂ emitted

Planned Hibiki Wind Energy windmill construction sites in Kitakyushu City

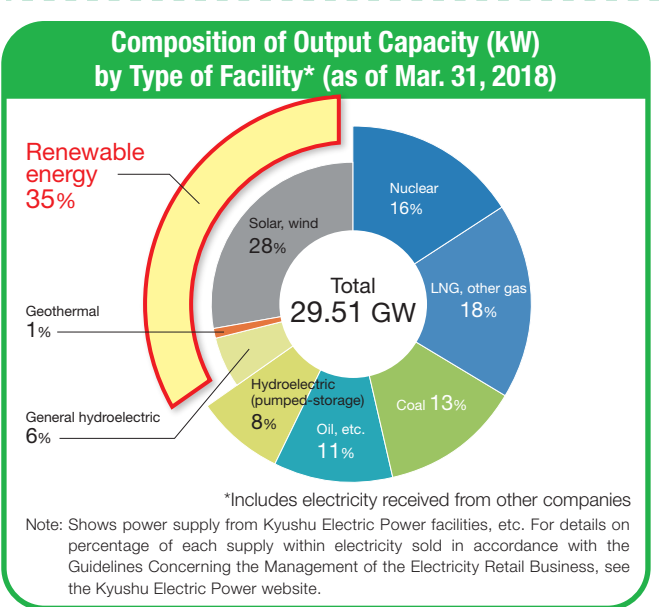
Biomass

A zero-emission power source that helps eliminate waste.




80,000 t less CO₂ emitted

Buzen Biomass Power Station in Fukuoka Prefecture (scheduled to commence operations in 2020)



Hydroelectricity

New developments to harness untapped energy sources and updating old facilities.



2.15 million t less CO₂ emitted

Kamoshishi Hydroelectric Power Station in Kumamoto Prefecture (scheduled to commence operations in 2018)

*See the section on environmental data (p. 49) for information on CO₂ emission reductions by generation method.

↓ Denotes the amount of CO₂ that would have been emitted if the pertinent method of power generation had not been used

t= metric ton (tonne)