



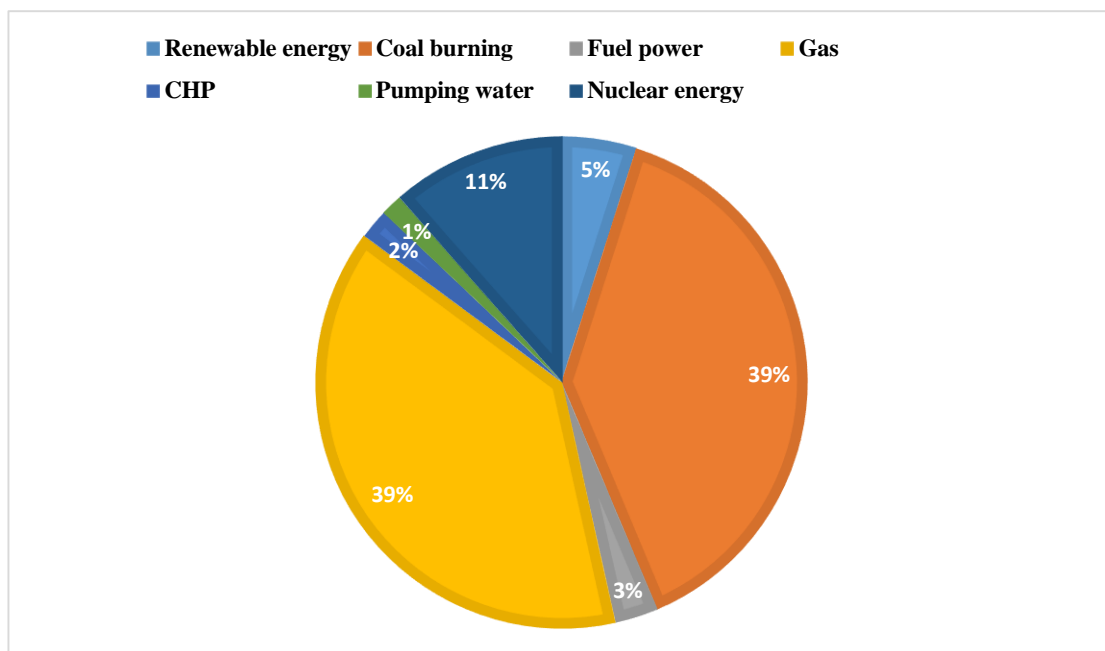
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At present, the most used power generation is coal burning fired power generation in Taiwan.

The thermal energy generated by the combustion is converted into mechanical energy by various rotating machines, and then the generator is driven. The prime mover is usually a steam engine or a gas turbine, Figure 1 shows the proportion of energy systems in Taiwan.

Figure 1 2018 Taiwan's energy system ratio



Taiwan is currently developing Wind energy, Wind energy generation uses the wind to rotate the blades and drive the rotor to drive the generator, Taiwan is an island, because there is a lot of wind power generated from the sea every year, so Taiwan has many wind turbines on the west coast. Offshore wind power is a new power generation system that is set in the sea instead of land. The Google Data Center is located in Taiwan, and Offshore Wind Power provides the power consumption required for this data center. Figure 2 shows Taiwan's Offshore Wind Power location. Offshore Wind Power is clean and does not cause any pollution, it generates more

electricity than nuclear power.

Figure 2 Taiwan Offshore Wind Power Field Location

