

Power Plant Worksheet



From the activity [Renewable energy around the globe](#).

Go online to find and research a power plant, then answer the questions below.

What's the power plant called?	What city and country is it in?
What year did it open?	What type of power does it generate?
How many megawatts (MW) does it generate?	What's something unique or interesting about this power plant?

How many buildings can it provide energy to?

This power plant has enough MW to power:		Houses		Hospitals
		Schools		Factories

Use the conversion guide below to figure out how many buildings your power plant could power.

Megawatt to building conversion

1 Megawatt (MW) = 1,000 homes = 60 schools = 30 hospitals = 10 factories

This is an estimate of how many buildings one megawatt powers. In real life, we calculate how much energy different buildings use throughout the year to figure out how much energy we need.