

ELECTRICAL POWER STATIONS

Activity 1. What type of Electrical Power Station is it? Write the number next to the picture.

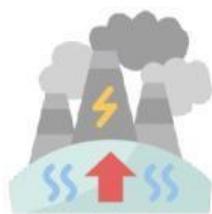
- Biomass Power Station
- Classic Thermal Power Station
- Geothermal Power Station
- Hidroelectric Power Station
- Nuclear thermal Power Station
- Solar Photovoltaic Power Station
- Tidal Power Station
- Wind Farm



1



2



3



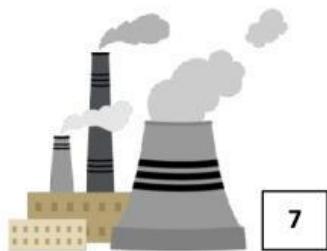
4



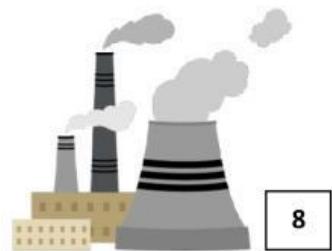
5



6



7



8



Activity 2. What type of Primary Energy Source is used by these Power Stations?
Choose an option.

- Biomass Power Station
- Classic Thermal Power Station
- Geothermal Power Station
- Hidroelectric Power Station
- Nuclear Thermal Power Station
- Solar Photovoltaic Power Station
- Tidal Power Station
- Wind Farm

Activity 3. Complete the text with the words below.

Distribution Lines; •Electric Grid • Generators• High Voltage •Industrial Facility •
Mechanical Energy •Primary Energy • Substations • Transformers

A power station, also referred as a power plant or generating plant, is an _____ that generates electricity from _____. Most power stations use one or more _____ that convert _____ into electrical energy. Power stations are generally connected to an _____ and supply power for society's electrical needs.

Power stations produce electricity at _____, but they use _____ (voltage increasing or decreasing devices) to "step up" the voltage, before sending it down transmission lines across the country.

Voltage is lowered when it reaches _____, to make it safer to use in towns and cities. Smaller power lines, called _____, take electricity to homes, factories and other buildings.