

Name: _____

Exploring Pennsylvania Energy on the River with Google Earth Field Guide

Use Google Earth to explore energy-generating power plants on two rivers in Pennsylvania.

In this activity, you will

1. Explore energy-generating hydro power plants on the Allegheny River.
2. Explore energy-generating hydro and nuclear power plants on the Susquehanna River.

Read **all** instructions on your handout and answer **each** question.

Pennsylvania Energy on the River Data Chart

Name of Power Plant	River	Dam Width or Diameter in Miles	Surrounding Area Description (rocks, buildings, grass, trees, farms)	Name and Distance of Population Center within 10 miles from Power Plant	Name and Distance of Population Center between 20-50 miles from Power Plant
Kinzua	Allegheny			Name: Distance:	Name: Distance:
Seneca Station	Allegheny				
Holtwood	Susquehanna			Name: Distance:	Name: Distance:
Safe Harbor	Susquehanna			Name: Distance:	Name: Distance:
York Haven	Susquehanna			Name: Distance:	Name: Distance:
Three Mile Island	Susquehanna	X		Name: Distance:	Name: Distance:

1. Compare the shape of Seneca Station and Safe Harbor.
2. Why do you think these energy-generating power plants were built in these locations?
3. What kind of energy do you think is generated at **Three Mile Island**?