Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Assignment 3.3**

**Generating Electricity from Water**

Read Section 8.3 and complete the following.

1. *What makes BC an area suitable for hydro power?*
2. *List 3 places in the world where hydro would be a good choice for power generation.*
3. *List 3 places in the world where hydro would not be a good choice.*



1. *Why do you think Saskatchewan generates power using mostly natural gas and coal?*
2. *Describe in words how water used to generate electricity?*
3. *What do you think is the most important pro and con of using water to generate electricity?*

*Pros*

*Cons*

1. Label the diagram and indicate the purpose of each of the following:

|  |  |
| --- | --- |
| ***Reservoir*** | ***Penstock*** |
| ***Turbine*** | ***Generator*** |
| ***Spillway*** | ***Dam*** |
| ***Transmission lines*** |  |