ESM 102

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Energy Technologies W.S.

**Please submit a TYPED copy of your answers at the beginning of lab during week #5.**

**Short Answer Questions: Answer the following questions in a couple COMPLETE sentences.**

1. What state generates the most renewable energy? The least? What is Oregon’s rank?
2. What type of renewable energy generates the most electricity in the U.S.?

3. What are the main sources of electricity in the state of Oregon and who are the main providers?

**Short Essay Questions: Answer the following questions in 2-3 paragraphs.**

4. Investigate one type of renewable energy that an electricity provider uses.

5. Are there any problems associated with the type of renewable energy you investigated? (Are there any consequences for efficiency, or ecological problems associated with it?)

6. Are there any advantages to non-renewable types of energy (resource extraction, e.g. oil, coal) over renewable?

**The following websites may be helpful in answering the above questions. If you use a different source to answer a question, please include the source (website, book, etc.) at the end of the question.**

<http://www.eia.gov/cneaf/solar.renewables/page/state_profiles/r_profiles_sum.html>

<http://nationalatlas.gov/articles/people/a_energy.html#one>