Idaho Renewable Energy Projects Fact Sheet

- Over $1.8 billion invested in new renewables and more than 1,000 MW installed.

### Cumulative Project Investment & Benefit Totals

- **Invested:** $1,853,027,256
- **Public Revenue:** Over $9.3 million
- **Installed Capacity:** 1,006.3 MW
- **Estimated Jobs Created:** Over 1,630

## Wind Investments

**Total Investment:** $1,737,294,327

**Total Installed Capacity:** 972.6 MW

- **Total Number of Projects:** 31
- Equivalent to 22% of Idaho’s net electricity generation in 2010 and capable of electrifying approximately 211,000 Idaho households annually, nearly 37% of Idaho’s total of 575,497 households.
- Pounds of CO₂ mitigated: Over 2.4 million tons annually
  - CO₂ mitigated is equivalent to a reduction two times greater than Idaho’s 2010 total carbon emissions from electricity generation of just over 1.2 million metric tons.
- Idaho currently ranks 17th out of any state in wind power capacity installed as of the fourth quarter of 2012.

**Estimated Job Creation:**

- **Direct Construction:** 1327
- **Permanent On-Site:** 112
- **Estimated Cumulative Total Wages:** $63,799,506
- **Estimated Annual Wages:** $5,040,000

**Public Revenue:**

- **Total Cumulative:** $8,996,890
- **Estimated annual land lease payments:** Over $2 million

## Geothermal Investments:

**Total Invested:** $44,292,811

**Total Installed Capacity:** 13 MW

- **Total Number of Installations:** 1

**Estimated Job Creation:**

- **Direct Construction:** 92
- **Permanent On-Site:** 12
- **Estimated Cumulative Total Wages:** $4,423,1766
- **Estimated Annual Wages:** $540,000

**Public Revenue:**

- **Estimated Annual Payments:** Over $150,000
Bioenergy Investments

Total Invested: $71,440,118

Total Installed Capacity: 20.65 MW
- Number of installations: 8

Estimated Job Creation:
- Direct Construction: 60
  - Est. Cumulative Total Wages: $2,884,680
- Permanent On-Site: 27
  - Estimated Annual Wages: $1,215,000

1. All dollar values presented in inflation adjusted 2012 dollars (2012$)
2. Cumulative totals spanning the years 1998 through the first quarter of 2013 for currently operating renewable energy systems.
3. Investment data for currently operating renewables was either sourced directly from project reports and news feeds, or based on estimates from the U.S. Energy Information Administration’s April 2013 report, Updated Capital Cost Estimates for Utility Scale Electricity Generating Plants and NREL’s November 2010 report Cost and Performance Assumptions for Modeling Electricity Generation Technologies. Estimations are as follows: Biomass $2.8 mil/MW, Geothermal $3.2 mil/MW, Wind $2.0 mil/MW, Solar PV $3.8 mil/MW.
4. Cumulative public revenue as of the 2012-2013 tax year, paid to State and Local governments through Idaho’s 3% gross earnings tax. Majority of tax data provided by Idaho State Tax Commission, missing data was estimated using the 3% gross earnings tax and estimated energy sales.
5. Job creation was determined for both direct construction and permanent operations & maintenance positions only. Data was gathered either by directly sourcing information from project reports and news feeds, or were estimated using The Jobs and Economic Development Impact Model (JEDI) developed by National Renewable Energy Laboratory (NREL). Wages estimated based on industry averages obtained from the U.S. Bureau of Labor Statistics (http://www.bls.gov/green/greencareers.htm#greendata).
6. Installation data sourced from Northwest Power and Conservation Council, county & state reports, and project reports.