

Local Economic Benefits 100MW Wind Farm

Direct Impacts

- Property Taxes: \$567,590/yr
- Land Leases: \$300,000/yr

Construction Phase

- Jobs: 67
- Earnings: \$4,910,000
- Local Spending: \$697,527

Operational Phase

- Jobs: 6
- Earnings: \$410,000/yr
- Local Spending: \$867,590/yr

Indirect and Induced Impacts

Construction Phase

- Jobs: 428
- Earnings: \$56,100,000

Operational Phase

- Jobs: 15
- Earnings: \$2,470,000/yr

Totals

20 years

Economic Benefit:

- 136Million

Construction Phase

- Jobs: 495

Local Long Term

- Jobs: 21

Clean Energy Benefits

Wind Energy Offsets

Colorado's Current Energy Portfolio:

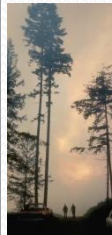
- 71.7% Coal Combustion
- 19.5% Natural Gas
- 7.4% Hydro-electrical
- 1.4% Non-hydro Renewables

A 100MW Wind Park Will Eliminate:

- Carbon Dioxide 348,000 tons/yr
- Sulfur Dioxide 430 tons/yr
- Nitrogen Oxide 520 tons/yr

Water Conservation:

- 222,000,000 gallons/yr
- Enough water for 1,360 homes



Additional Benefits

- Reduced Global Warming
- Decreased Health Risks
- Price Stabilization
- Increased Income Sources



- Wildfire and Infestation Mitigation
- Diversifies National Electrical Portfolio

Fast Facts

•A 100 MW wind farm will produce enough power for 45,000 homes. Every household in Clear Creek, Gilpin, Grand, Lake, Park, Jackson, Fremont and Summit Counties.



•1,850 train cars of coal are required to produce 100MW of electricity. One continuous 30 mile long coal train, every year.



•116,000 acres of forest are needed to offset the CO₂ that a 100 MW Wind Park would otherwise eliminate. Slightly greater than the total combined areas of Mount Evans, James Peak, and Vasquez Peak Wildernesses.



•Equivalent of eliminating the smog generated by 60,208 cars.



- Calculations based on 370,000MWh/year of energy production, 100 tons of coal per 85 foot train car, and 3 tons of CO₂ per acre of forest.
- Sources: California Energy Commission, US Census Bureau, NREL, National Park Service, Energy Star, and the EPA's Power Profiler Program.