

Wind Farm - Project Data Summary based on model default values

Project Location	ALABAMA
Year of Construction	2013
Total Project Size - Nameplate Capacity (MW)	18
Number of Projects (included in total)	1
Turbine Size (KW)	2000
Number of Turbines	10
Installed Project Cost (\$/KW)	\$2,003
Annual Direct O&M Cost (\$/KW)	\$20.00
Money Value (Dollar Year)	2008
Installed Project Cost	\$36,860,171
Local Spending	\$7,243,578
Total Annual Operational Expenses	\$6,076,207
Direct Operating and Maintenance Costs	\$368,000
Local Spending	\$126,795
Other Annual Costs	\$5,708,207
Local Spending	\$164,437
Debt and Equity Payments	\$0
Property Taxes	\$104,437
Land Lease	\$60,000

Local Economic Impacts - Summary Results

	Jobs	Earnings	Output
During construction period			
Project Development and Onsite Labor Impacts	37	\$1.63	\$1.72
Construction and Interconnection Labor	36	\$1.53	
Construction Related Services	1	\$0.10	
Turbine and Supply Chain Impacts	61	\$2.50	\$7.67
Induced Impacts	16	\$0.57	\$1.81
Total Impacts	113	\$4.70	\$11.20
During operating years (annual)			
Onsite Labor Impacts	2	\$0.07	\$0.07
Local Revenue and Supply Chain Impacts	1	\$0.06	\$0.31
Induced Impacts	1	\$0.03	\$0.10
Total Impacts	4	\$0.16	\$0.48

Notes: Earnings and Output values are millions of dollars in year 2008 dollars. Construction and operating jobs are full-time equivalent for a period of one year (1 FTE = 2,080 hours). Wind farm workers includes field technicians, administration and management. Economic impacts "During operating years" represent impacts that occur from wind farm operations/expenditures. The analysis does not include impacts associated with spending of wind farm "profits" and assumes no tax abatement unless noted. Totals may not add up due to independent rounding. Results are based on model default values.

Detailed Wind Farm Project Data Costs

ALABAMA

Construction Costs	Cost	Local Share
Equipment Costs		
Turbines	\$15,862,035	0%
Blades	\$3,713,520	0%
Towers	\$4,111,397	0%
Transportation	\$2,838,190	0%
Equipment Subtotal	\$26,525,143	
Balance of Plant		

Materials		
Construction (concrete rebar, equip, roads and site prep)	\$3,832,883	90%
Transformer	\$433,579	0%
Electrical (drop cable, wire,)	\$457,021	100%
HV line extension	\$834,825	70%
Materials Subtotal	\$5,558,308	
Labor		
Foundation	\$514,900	95%
Erection	\$583,197	75%
Electrical	\$849,894	70%
Management/supervision	\$441,012	0%
Misc.	\$1,398,400	50%
Labor Subtotal	\$3,787,404	
Development/Other Costs		
HV Sub/Interconnection		
Materials	\$263,419	90%
Labor	\$80,691	10%
Engineering	\$358,448	0%
Legal Services	\$195,354	100%
Land Easements	\$0	100%
Site Certificate	\$91,404	100%
Other Subtotal	\$989,316	
Balance of Plant Total	\$10,335,028	
Total Project Costs	\$36,860,171	

Wind Farm Annual Operating and Maintenance Costs

	Cost	Local Share
Labor		
Personnel		
Field Salaries	\$50,570	100%
Administrative	\$5,756	100%
Management	\$23,983	100%
Labor/Personnel Subtotal	\$80,309	
Materials and Services		
Vehicles	\$8,219	100%
Site Maint/Misc. Services	\$3,205	80%
Fees, Permits, Licenses	\$1,603	100%
Utilities	\$6,410	100%
Insurance	\$61,639	0%
Fuel (motor vehicle gasoline)	\$3,205	100%
Consumables/Tools and Misc. Supplies	\$20,834	100%
Replacement Parts/Equipment/ Spare Parts Inventory	\$182,576	2%
Materials and Services Subtotal	\$287,691	
Debt Payment (average annual)	\$4,275,780	0%
Equity Payment - Individuals	\$0	100%
Equity Payment - Corporate	\$1,267,990	0%
Property Taxes	\$104,437	100%
Land Lease	\$60,000	100%
Total Annual Operating and Maintenance Costs	\$6,076,207	

Other Parameters

Financial Parameters

Debt Financing		
Percentage financed	80%	0%
Years financed (term)	10	
Interest rate	10%	
Equity Financing		
Percentage equity	20%	
Individual Investors (percent of total equity)	0%	100%
Corporate Investors (percent of total equity)	100%	0%
Return on equity (annual interest rate)	16%	
Repayment term (years)	10	
Tax Parameters		
Local Property/Other Tax Rate (percent of taxable value)	1.0%	
Assessed value (percent of construction cost)	85.0%	
Taxable Value (percent of assessed value)	33.3%	
Taxable Value	\$10,443,705	
Taxes per MW	na	
Local Taxes	\$104,437	100%
Land Lease Parameters		
Land Lease Cost (per turbine)	\$6,000	
Land Lease (total cost)	\$60,000	
Lease Payment recipient (F = farmer/household, O = Other)	F	100%
Payroll Parameters		
Construction Labor		Average Wage per hour Employer Payroll
Foundation	\$12.51	37.6%
Erection	\$14.17	37.6%
Electrical	\$18.78	37.6%
Management/Supervision	\$25.53	37.6%
O&M Labor		Average Wage per hour Employer Payroll
Field Salaries (technicians, other)	\$17.08	37.6%
Administrative	\$10.93	37.6%
Management	\$27.32	37.6%