

BUREAU OF ECONOMIC ANALYSIS - Economic Multiplier Report for the Marble River Wind Farm		
Construction Phase Impact on Clinton County		
Impact based on data on the change in final demand:		
Change in Final Demand in 2005 dollars	\$ 35,700,000.00	
Change in Final Demand in 2003 dollars	\$ 33,979,903.31	
Output for Clinton County in 2003 dollars	\$ 53,039,231.08	
Adjusted for 2005 dollars	\$ 55,724,130.00	
Secondary Impact for Clinton County	\$ 20,024,130.00	
Increased Earnings for Clinton County in 2003 dollars	\$ 17,482,660.25	
Increased Earnings for Clinton County Adjusted for 2005 dollars	\$ 18,367,649.99	
Increased Employment for Clinton County	435.9281796	
Secondary Employment Impact	245.9281796	
Clinton County Impact Based on Initial Changes in Earnings		
Earnings in 2005 dollars	\$ 5,700,000.00	
Earnings in 2003 dollars	\$ 5,988,539.70	
Impact on Earnings in 2003 dollars	\$ 9,711,015.98	
Secondary Impact Earnings Increase in 2003 dollars	\$ 3,722,476.28	
Secondary Impact Earnings Increase in 2005 dollars	\$ 3,910,911.75	
Clinton County Employment Impact		Low High
Jobs	190	300
Employment Multiplier*	1.4515	1.4515
Impact on Employment (jobs):	275.785	435.45
Non-construction jobs	85.785	135.45
Clinton County Employment Impact on Regional Retail Trade Industry		
Project Investment	\$ 33,979,903.31	
Retail Trade Employment Multiplier*	1.5197	
Impact on Retail Trade Employment (jobs):	51.63925906	
Employment Impact on Clinton County Accommodation and Food Services Industry		
Project Investment	\$ 33,979,903.31	
Accommodation and Food Services Employment Multiplier*	0.4845	
Impact on Accommodation and Food Services Employment (jobs):	16.46326315	
Earnings Impact on Clinton County Retail Trade Industry		
Project Investment	\$ 33,979,903.31	
Retail Trade Earnings Multiplier*	0.0368	
Impact on Retail Trade Earnings (dollars):	\$ 1,250,460.44	
Earnings Impact on Clinton County Accommodation and Food Services Industry		
Project Investment	\$ 33,979,903.31	
Accommodation and Food Services Earnings Multiplier*	0.0078	
Impact on Accommodation and Food Services Earnings (dollars):	\$ 265,043.25	
Clinton County Employment Impact on Wholesale Trade Industry		
Project Investment	\$ 33,979,903.31	
Wholesale Trade Employment Multiplier*	0.1867	
Impact on Wholesale Trade Employment (jobs):	6.344047948	
Earnings Impact on Clinton County Wholesale Trade Industry		
Project Investment	\$ 33,979,903.31	
Wholesale Trade Earnings Multiplier*	0.0499	
Impact on Wholesale Trade Earnings (dollars):	\$ 1,695,597.18	
Economic Output for Clinton County Retail Trade Industry		
Change in Final Demand	\$ 33,979,903.31	
Retail Output Multiplier	0.1059	
Output for Clinton County Retail in 2003 Dollars	\$ 3,598,471.76	
Adjusted for 2005 Dollars	\$ 3,780,630.00	
Economic Output for Clinton County Wholesale Trade Industry		
Change in Final Demand	\$ 33,979,903.31	
Wholesale Trade Output Multiplier	0.0348	
Output for Clinton County Wholesale in 2003 Dollars	\$ 1,182,500.64	

Horizon Wind - BEA Analysis for Clinton Wind Project

Adjusted for 2005 Dollars		
Economic Output for Clinton Food Services & Accommodations Industry		
Change in Final Demand	\$ 33,979,903.31	
Food & Accommodations Output Multiplier	0.0272	
Output for Clinton County Food & Accommodations in 2003 Dollars	\$ 924,253.37	
Adjusted for 2005 Dollars	\$ 971,040.00	

Horizon Wind - BEA Analysis for Clinton Wind Project

Operations Phase Impact on Clinton County		
Impact based on data on the change in final demand:		
Change in Final Demand in 2005 dollars	\$	2,150,000.00
Change in Final Demand in 2003 dollars	\$	2,046,408.74
Output for Clinton County in 2003 dollars	\$	2,465,103.97
Adjusted for 2005 dollars	\$	2,589,890.00
Secondary Impact for Clinton County	\$	439,890.00
Increased Earnings for Clinton County in 2003 dollars	\$	376,129.93
Increased Earnings for Clinton County Adjusted for 2005 dollars	\$	395,170.00
Increased Employment for Clinton County		6.313989526
Clinton County Impact based on Initial Changes in Earnings		
Earnings in 2005 dollars	\$	700,000.00
Earnings in 2003 dollars	\$	666,272.61
Impact on Earnings in 2003 dollars	\$	1,498,646.98
Secondary Impact Earnings Increase in 2003 dollars	\$	832,374.37
Secondary Impact Earnings Increase in 2005 dollars	\$	874,509.99
Clinton County Employment Impact on Regional Retail Trade Industry		
Project Investment	\$	2,046,408.74
Retail Trade Employment Multiplier*		0.3125
Impact on Retail Trade Employment (jobs):		0.639502731
Employment Impact on Clinton County Accommodation and Food Services Industry		
Project Investment	\$	2,046,408.74
Accommodation and Food Services Employment Multiplier*		0.1992
Impact on Accommodation and Food Services Employment (jobs):	\$	0.41
Earnings Impact on Clinton County Retail Trade Industry		
Project Investment	\$	2,046,408.74
Retail Trade Earnings Multiplier*		0.0076
Impact on Retail Trade Earnings (dollars):	\$	15,552.71
Earnings Impact on Clinton County Accommodation and Food Services Industry		
Project Investment	\$	2,046,408.74
Accommodation and Food Services Earnings Multiplier*		0.0032
Impact on Accommodation and Food Services Earnings (dollars):	\$	6,548.51
Clinton County Employment Impact on Wholesale Trade Industry		
Project Investment	\$	2,046,408.74
Wholesale Trade Employment Multiplier*		0.0499
Impact on Wholesale Trade Employment (jobs):		0.102115796
Earnings Impact on Clinton County Wholesale Trade Industry		
Project Investment	\$	2,046,408.74
Wholesale Trade Earnings Multiplier*		0.0029
Impact on Wholesale Trade Earnings (dollars):	\$	5,934.59
Economic Output for Clinton County Retail Trade Industry		
Change in Final Demand	\$	2,046,408.74
Retail Output Multiplier		0.0076
Output for Clinton County Retail in 2003 Dollars	\$	15,552.71
Adjusted for 2005 Dollars	\$	16,340.00
Economic Output for Clinton Food Services & Accommodations Industry		
Change in Final Demand	\$	2,046,408.74
Food & Accommodations Output Multiplier		0.0111
Output for Clinton County Food & Accommodations in 2003 Dollars	\$	22,715.14
Adjusted for 2005 Dollars	\$	23,865.00
Economic Output for Clinton County Transportation and Warehousing Industry		
Change in Final Demand	\$	2,046,408.74
Transportation and Warehousing Output Multiplier		0.0318
Output for Clinton County Transportation and Warehousing in 2003 Dollars	\$	65,075.80
Adjusted for 2005 Dollars	\$	68,370.00