

30 Year Projection of Local Economic Impacts if New Missouri Wind Power Is Built for RES Compliance

All numbers from JEDI Model (DOE's National Renewable Energy Lab)

Year	New MW Required	Avg Annual Local Construction Spending	Average Construction Jobs	Direct On-site and Local Jobs	Induced Local Jobs	Total Local Jobs	Approximate Property Taxes	Approximate Land Lease Payments	Total Annual Local Spending
2011	400	\$47,116,831	88	56	50	194	\$ 2,266,752	\$ 1,200,000	\$ 53,093,319
2012		\$47,116,831	88	56	50	194	\$ 2,266,752	\$ 1,200,000	\$ 53,093,319
2013		\$47,116,831	88	56	50	194	\$ 2,266,752	\$ 1,200,000	\$ 53,093,319
2014	600	\$53,006,435	99	140	187	426	\$ 5,666,880	\$ 3,000,000	\$ 67,947,655
2015		\$53,006,435	99	140	187	426	\$ 5,666,880	\$ 3,000,000	\$ 67,947,655
2016		\$53,006,435	99	140	187	426	\$ 5,666,880	\$ 3,000,000	\$ 67,947,655
2017		\$53,006,435	99	140	187	426	\$ 5,666,880	\$ 3,000,000	\$ 67,947,655
2018	1000	\$117,792,077	220	280	403	903	\$ 11,333,760	\$ 6,000,000	\$ 147,674,517
2019		\$117,792,077	220	280	403	903	\$ 11,333,760	\$ 6,000,000	\$ 147,674,517
2020		\$117,792,077	220	280	403	903	\$ 11,333,760	\$ 6,000,000	\$ 147,674,517
2021	1000	\$353,376,230	660	420	309	1389	\$ 17,000,640	\$ 9,000,000	\$ 398,199,890
2022				420	150	570	\$ 17,000,640	\$ 9,000,000	\$ 44,823,660
2023				420	150	570	\$ 17,000,640	\$ 9,000,000	\$ 44,823,660
2024				420	150	570	\$ 17,000,640	\$ 9,000,000	\$ 44,823,660
2025				420	150	570	\$ 17,000,640	\$ 9,000,000	\$ 44,823,660
2026				420	150	570	\$ 17,000,640	\$ 9,000,000	\$ 44,823,660
2027				420	150	570	\$ 17,000,640	\$ 9,000,000	\$ 44,823,660
2028				420	150	570	\$ 17,000,640	\$ 9,000,000	\$ 44,823,660
2029				420	150	570	\$ 17,000,640	\$ 9,000,000	\$ 44,823,660
2030				420	150	570	\$ 17,000,640	\$ 9,000,000	\$ 44,823,660

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average spending							\$ 233,475,456	\$ 123,600,000	\$ 1,675,706,954
during construction							\$ 11,673,773	\$ 6,180,000	\$ 83,785,348
years =	\$115,663,092					576			

Notes : Numbers averaged over construction periods; not inflation adjusted (from 2008 real dollars); capacity estimates are approximate;
Also note that it is too late to get new facilities built for 2011 compliance; the initial numbers will be compressed into a shorter timeframe;

289080 MWh annual output per 100MW plant	Cost per MWh estimate:	annual op expense \$ 671,023,410	annual output 8672400	cost/MWh 77.37459181	approx cost after PTC* \$ 50.37
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*note that the credit of about \$21 would be grossed up for taxes