

Kansas Wind Farms – Capacity Factors and Monthly Average Power Generation (MWh)

Name	Gray County Wind Energy	Spearville	Elk River Wind	Smoky Hills Windfarm	Smoky Hills II	Cloud County Wind Farm	Central Plains Wind Farm	Flat Ridge Wind Energy LLC (BP)	Flat Ridge Wind Farm (Westar)	Spearville II	Total
Capacity (MW)	112.2	100	150	100.8	148.5	201	99	50	50	150	1,061.5
Jan_Avg	30,905	30,183	50,565	37,044	42,674	53,271	23,712	18,113	12,705	45,269	344,440
Feb_Avg	25,572	26,447	42,249	24,761	36,797	49,482	24,937	11,360	9,901	40,315	291,820
March_Avg	35,378	33,927	56,338	33,405	51,055	55,989	21,479	14,689	15,212	43,168	360,639
April_Avg	37,217	33,988	56,046	35,375	52,104	54,130	26,960	13,366	12,196	46,765	368,146
May_Avg	31,927	31,972	46,132	32,681	51,651	49,504	27,591	12,988	12,844	51,279	348,568
June_Avg	30,745	23,745	42,701	30,242	50,723	42,330	24,299	13,040	13,345	58,118	329,288
July_Avg	25,558	27,579	33,689	25,952	42,747	31,726	20,311	10,940	8,752	41,824	269,076
Aug_Avg	23,933	21,763	33,750	24,716	38,493	34,449	20,384	9,753	8,255	33,480	248,976
Sept_Avg	28,184	26,022	34,549	23,512	36,315	34,280	19,195	14,986	9,157	28,998	255,197
Oct_Avg	30,249	33,067	51,524	32,918	48,023	53,086	24,345	18,371	11,845	33,728	337,154
Nov_Avg	29,423	29,506	54,363	33,468	49,711	47,877	24,052	21,670	12,923	34,663	337,656
Dec_Avg	30,157	32,257	44,934	28,850	49,092	49,316	26,869	20,898	12,206	45,105	339,682
Tot_Avg	359,247	350,454	546,839	362,924	549,383	555,439	284,134	180,171	139,341	502,711	3,480,189
Capacity Factor	36.55%	40.01%	41.62%	41.10%	42.23%	31.55%	32.76%	41.14%	31.81%	38.26%	37.43%

All data is from the Energy Information Administration, “Annual Electric Utility Data” - EIA 906/920/923 Data File, 2001-Dec. 2012, <http://www.eia.gov/electricity/data/eia923/index.html.923>. Only projects with at least **one full year** of data are included here.



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