Capacity Factors

Modeled

•54%

RFP

•47%

Table 1: Annual Capacity Factors of Kansas Wind Farms, 100+ MW, 2014-2017[41]

Kansas Wind Farms 100+ MW	2016 Operating Capacity, MW	Annual Capacity Factor			
		2014	2015	2016	2017*
Flat Ridge 2 Wind Farm	470	46.6%	42.2%	42.8%	42.7%
Buffalo Dunes Wind Project	250	37.3%	41.0%	41.9%	37.2%
Buckeye Wind Energy Project	206	NA	15.5%	45.4%	45.3%
Meridian Way Wind Farm (Cloud County)	201	37.0%	32.6%	32.8%	34.7%
Post Rock Wind Farm Facility	201	48.0%	44.3%	43.1%	44.3%
Caney River Wind	200	42.5%	39.2%	39.6%	42.0%
Waverly Wind Farm LLC	199	NA	NA	44.0%	*
Cedar Bluff Wind Farm	199	NA	4.0%	46.7%	*
Ironwood Wind Plant - Duke	168	43.6%	42.8%	44.4%	47.8%
Cimarron Wind Energy	166	49.6%	48.2%	48.3%	*
Elk River Wind	150	43.2%	38.8%	38.5%	*
Slate Creek Wind Project	150	NA	2.9%	47.6%	*
Smoky Hills II	149	41.5%	42.0%	40.8%	*
Spearville	149	36.6%	35.4%	31.3%	*
Cimarron II Wind Plant	131	49.7%	47.9%	49.4%	*
Gray County Wind Farm	112	14.1%	29.9%	24.5%	*
Spearville 3 Wind Project	108	42.6%	42.9%	42.9%	*
Shooting Star Wind Project	104	42.9%	47.0%	47.8%	*
Smoky Hills Wind Farm	101	43.3%	42.3%	42.1%	*

* Preliminary data for 2017; information for some generators reporting annually is not available.