

Job Creation Projections for MISO's "Tranche 2.1" Power Line Portfolio

MISO's "Tranche 2.1" portfolio of long-distance power lines is designed to overcome constraints to new generation additions and ensure reliable, efficient and economic energy delivery to Midwest customers. Data from MISO ([slide 16](#)) shows that Tranche 2.1 will enable a total of 115.7 gigawatts of new resources. Wind, solar, hybrid and battery storage (98.8 gigawatts) will comprise most of this total and together are estimated to power the equivalent of **23.4 million homes** and support **746,000 jobs** in the construction and operation of these new energy resources. The following table shows the breakdown by MISO Local Resource Zone and by source. Building the power lines themselves will also create an additional **130,000 jobs** (see MISO's [slide 28](#)), for a total of **876,000 jobs** supported by Tranche 2.1.

Renewable Energy Additions Enabled by Tranche 2.1

		Wind	Solar	Hybrid	Battery	Total
ND, MN & Western WI	Megawatts	22,658	4,679	100	2,113	29,550
	Jobs	189,194	26,425	565	12,446	228,629
	Homes	6,910,690	804,788	17,200		7,732,678
Eastern WI & Michigan UP	Megawatts	3,228	1,423	99	1,891	6,641
	Jobs	26,954	8,036	559	11,138	46,687
	Homes	984,540	244,756	17,028		1,246,324
Iowa	Megawatts	22,926	1,164	28	1,059	25,177
	Jobs	191,432	6,574	158	6,238	204,401
	Homes	6,992,430	200,208	4,816		7,197,454
Illinois	Megawatts	9,760	3,262	144	2,055	15,221
	Jobs	81,496	18,422	813	12,104	112,835
	Homes	2,976,800	561,064	24,768		3,562,632
Missouri	Megawatts	1,049	251	34	365	1,699
	Jobs	8,759	1,418	192	2,150	12,519
	Homes	319,945	43,172	5,848		368,965
Indiana	Megawatts	6,003	2,254	473	3,927	12,657
	Jobs	50,125	12,729	2,671	23,130	88,656
	Homes	1,830,915	387,688	81,356		2,299,959
Michigan	Megawatts	2,506	1,082	303	4,027	7,918
	Jobs	20,925	6,111	1,711	23,719	52,466
	Homes	764,330	186,104	52,116		1,002,550
MISO North Total	Megawatts	68,130	14,115	1,181	15,437	98,863
	Jobs	568,886	79,714	6,670	90,924	746,194
	Homes	20,779,650	2,427,780	203,132		23,410,562

Jobs Multipliers - Sources

- 172 homes powered/MW solar, via [SEIA](#) national average
- 305 homes powered/MW wind, via [American Clean Power](#) national average
- 5.6475 solar job-years/MW, 8.35 onshore wind job-years/MW, 5.89 battery storage job-years/MW via [ACORE](#) (p. 28). A job-year is the full-time equivalent of one job for one year.
- Jobs and homes powered estimates for hybrid solar/storage use the multipliers for solar