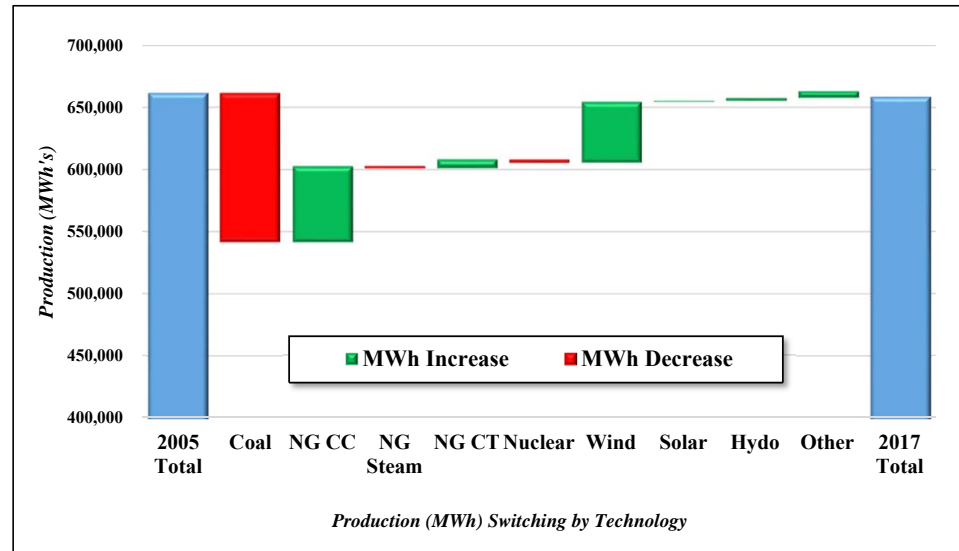


Change in MISO Supply Disposition - 2005 to 2017

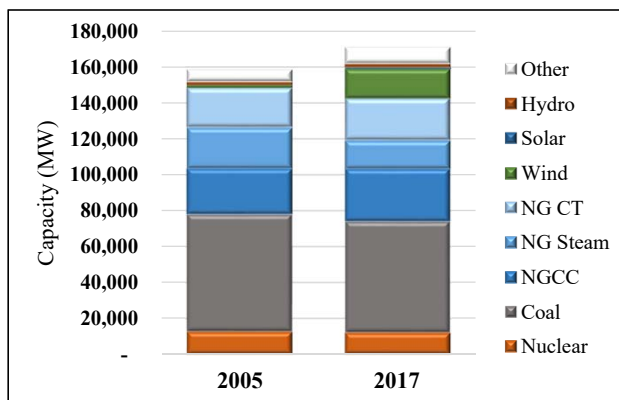
Capacity in the MISO has remained relatively unchanged since 2005 with the exception of an additional 14 GW of Wind capacity.

Since 2005, production has shifted from coal generation to NGCC and wind generation.

CHANGE IN PRODUCTION (MWh's)



CHANGE IN CAPACITY (MW)



CHANGES IN TECHNOLOGY SHARE OF SUPPLY

Technology	2005 % of Total		2017 % of Total		Change	
	Capacity (MW)	Production (MWh's)	Capacity (MW)	Production (MWh's)	Capacity (MW)	Production (MWh's)
Coal Steam Turbine	40%	65%	35%	47%	-5%	-18%
NG Combined Cycle	16%	9%	17%	18%	1%	9%
NG Steam Turbine	14%	4%	9%	4%	-5%	0%
NG Combustion Turbine	14%	3%	13%	4%	-1%	1%
Nuclear	8%	14%	7%	13%	-1%	-1%
Wind	1%	1%	10%	8%	9%	7%
Solar	0%	0%	0%	0%	0%	0%
Hydroelectric	1%	1%	1%	2%	0%	1%
Other	4%	4%	5%	4%	1%	0%

Source: EIA data and L.E. Peabody & Associates, Inc. analysis.