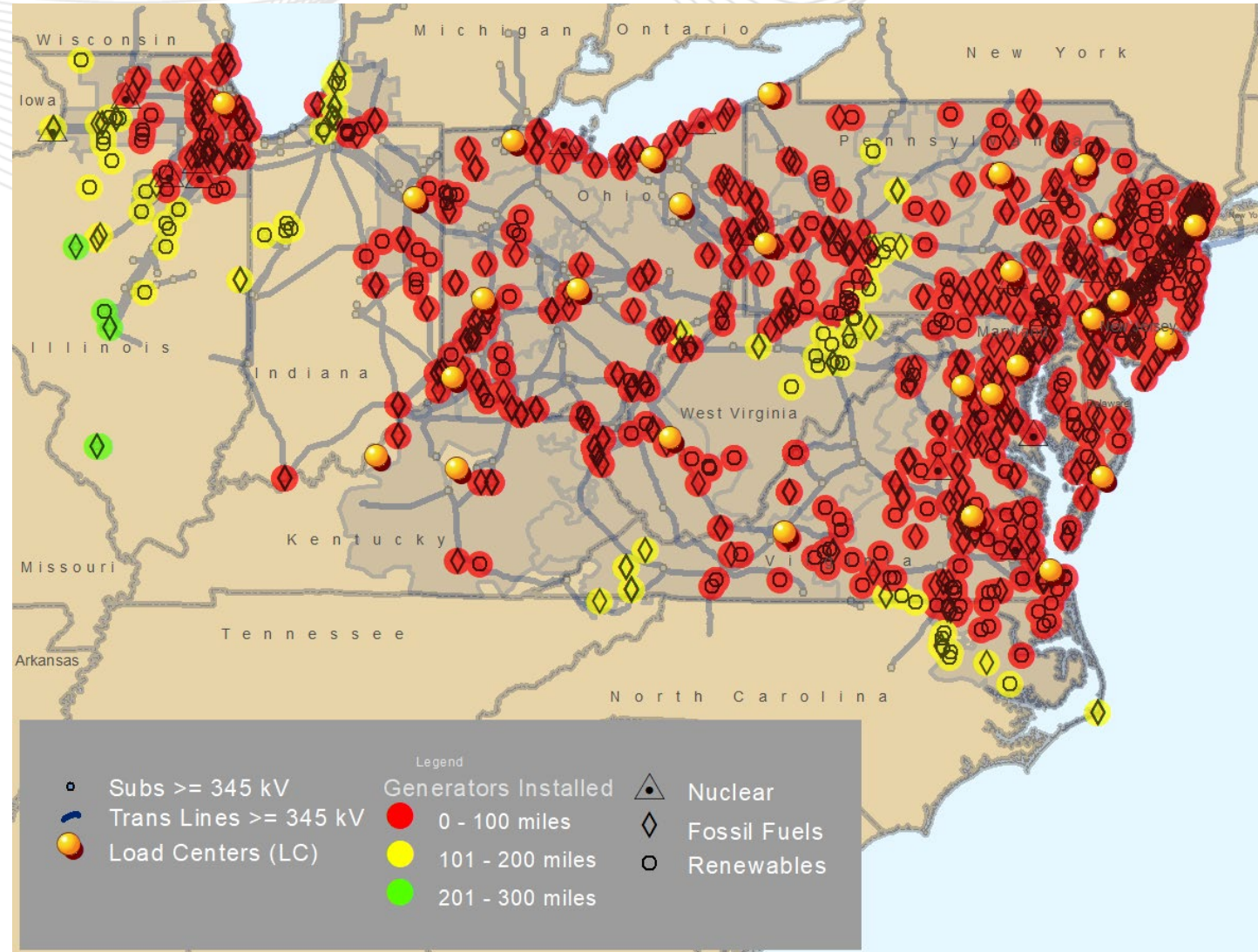


# Data Analysis

Dave Souder, Exec. Dir., System Planning  
Interconnection Policy Workshop – Session 4  
August 27, 2021

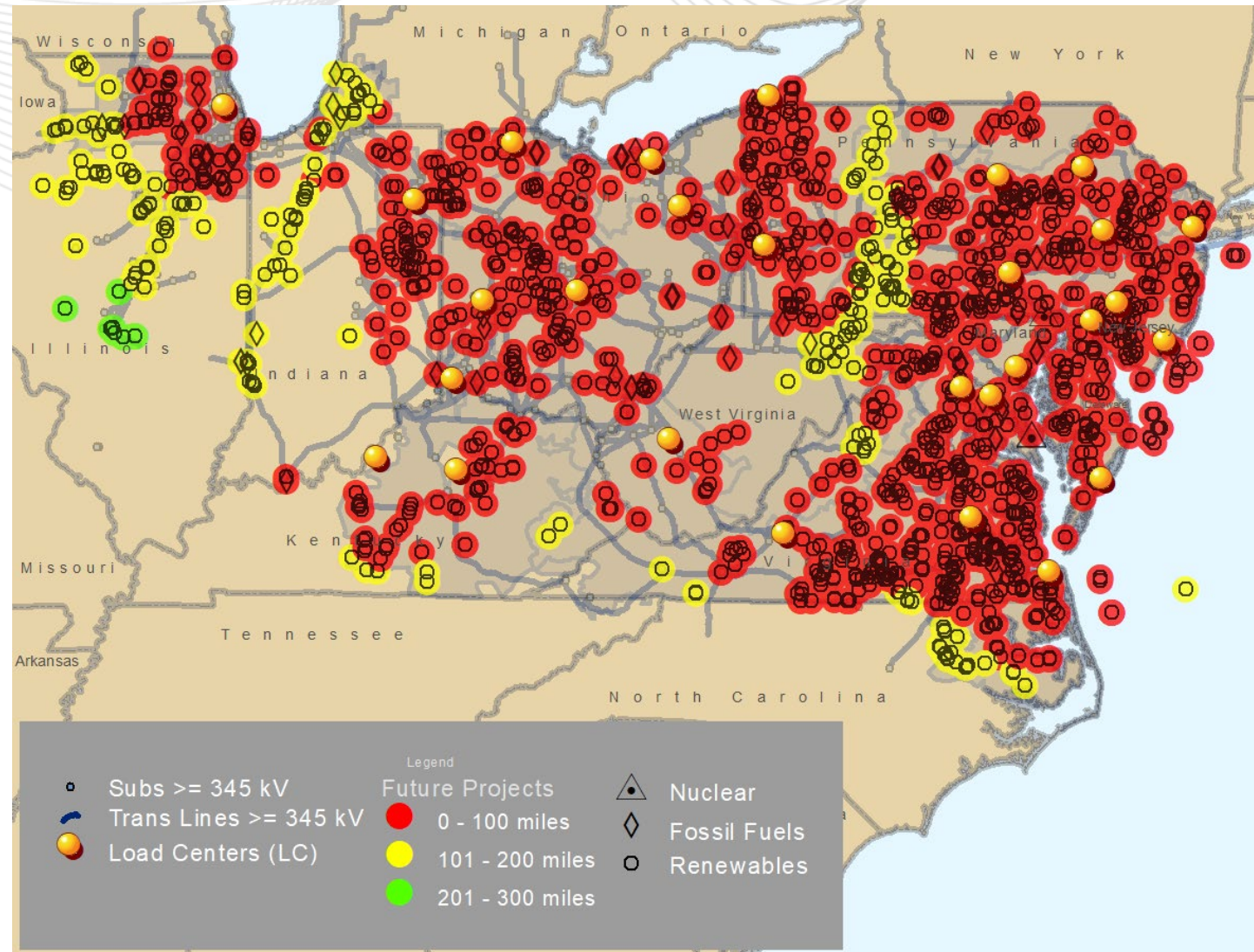
Distance from Load Center	In-Service Generating Facilities (Count)				
	Renewable	Fossil	Nuclear	Other	Total
0 - 100 miles	236	270	17	90	613
101 - 200 miles	47	20	1	6	74
201 - 300 miles	1	3	0	0	4
<i>Renewable</i>	<i>Solar, Wind, Hydro</i>				
<i>Fossil</i>	<i>Natural Gas, Coal, Oil</i>				
<i>Other</i>	<i>Biomass, Landfill, Battery, Flywheel</i>				





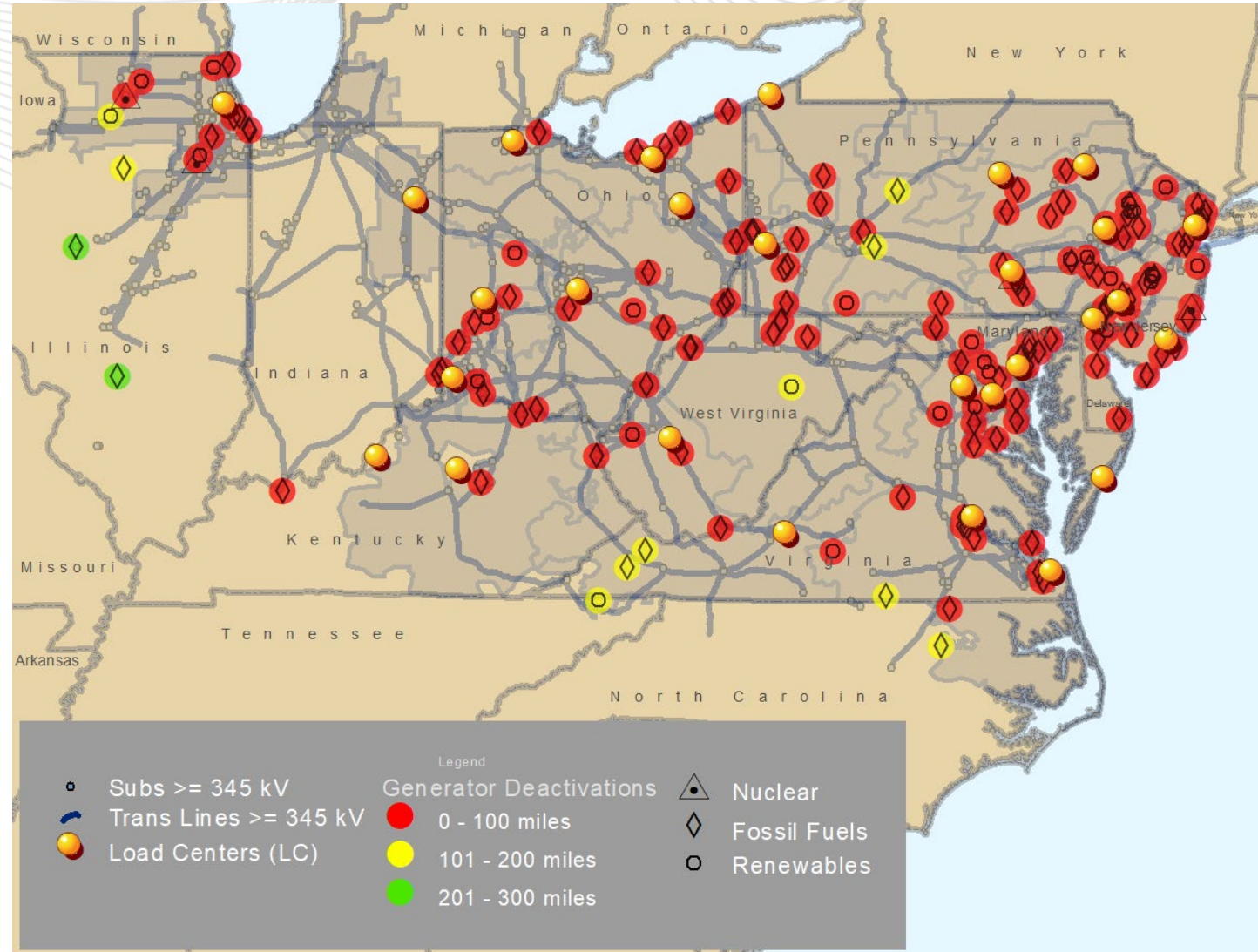
Distance from Load Center	Future Projects (Count)				
	Renewable	Fossil	Nuclear	Other	Total
0 - 100 miles	1,212	98	6	244	1,560
101 - 200 miles	200	13	0	41	254
201 - 300 miles	8	0	0	4	12
<i>Renewable</i>	<i>Solar, Wind, Hydro</i>				
<i>Fossil</i>	<i>Natural Gas, Coal, Oil</i>				
<i>Other</i>	<i>Biomass, Landfill, Battery, Flywheel</i>				

Distance from Load Center	Future Projects (MW)				
	Renewable	Fossil	Nuclear	Other	Total
0 - 100 miles	108,435.2	17,552.2	189.5	19,055.1	145,232.0
101 - 200 miles	27,784.2	4,588.1	0.0	3,364.8	35,737.1
201 - 300 miles	1,008.1	0.0	0.0	185.6	1,193.7



Distance from Load Center	Deactivated Generating Facilities (Count)				
	Renewable	Fossil	Nuclear	Other	Total
0 - 100 miles	2	109	2	27	140
101 - 200 miles	0	6	0	2	8
201 - 300 miles	0	2	0	0	2
<i>Renewable</i>	<i>Solar, Wind, Hydro</i>				
<i>Fossil</i>	<i>Natural Gas, Coal, Oil</i>				
<i>Other</i>	<i>Biomass, Landfill, Battery, Flywheel</i>				

Distance from Load Center	Deactivated Generating Facilities (MW)				
	Renewable	Fossil	Nuclear	Other	Total
0 - 100 miles	11.0	39,012.0	1,411.0	277.0	40,711.0
101 - 200 miles	0.0	1,429.0	0.0	49.0	1,478.0
201 - 300 miles	0.0	480.0	0.0	0.0	480.0

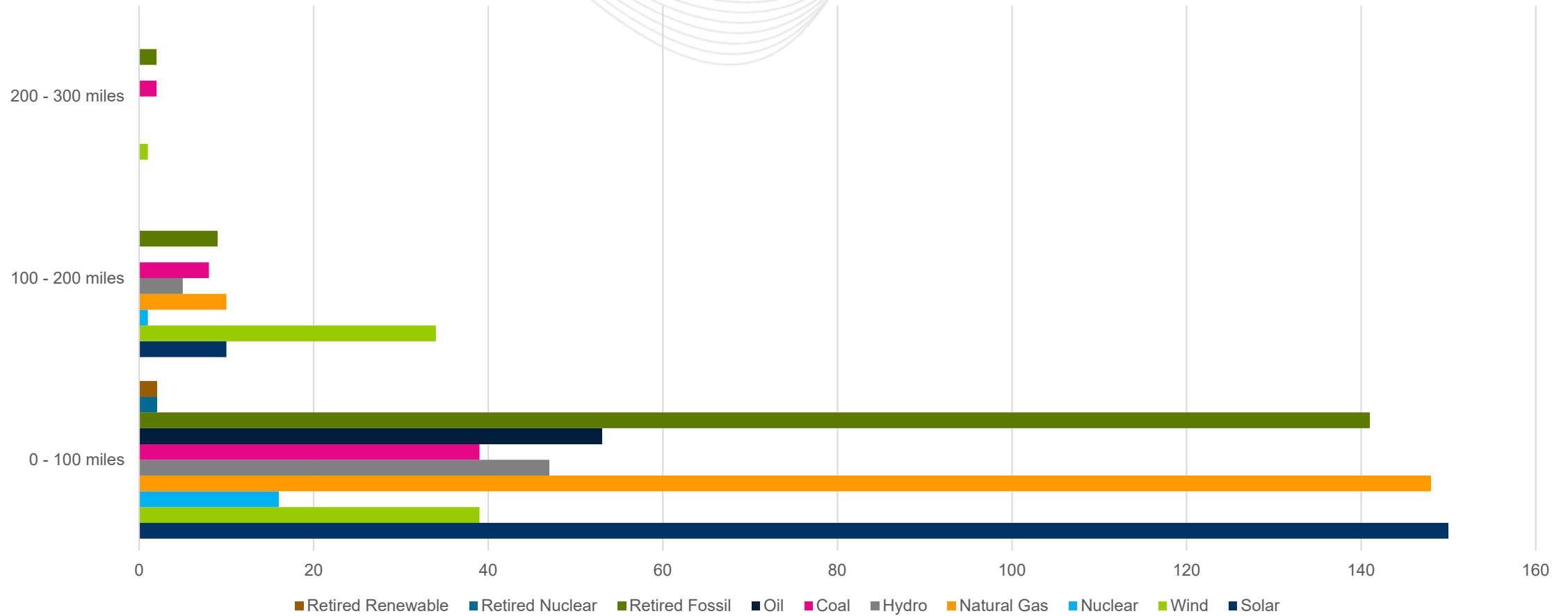






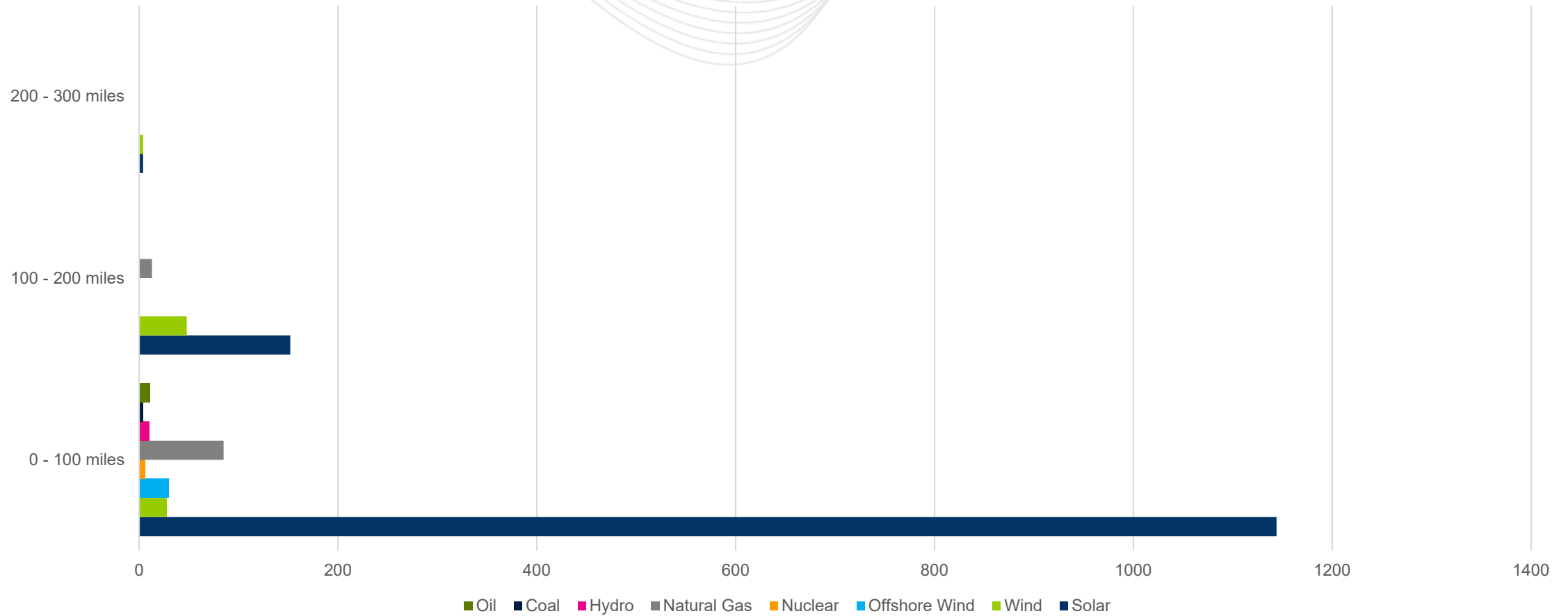
# Distance from Load Centers (In-Service & Retired Facilities)

Distance from PJM Load Centers by Fuel Type  
(Number of In-Service Plants)

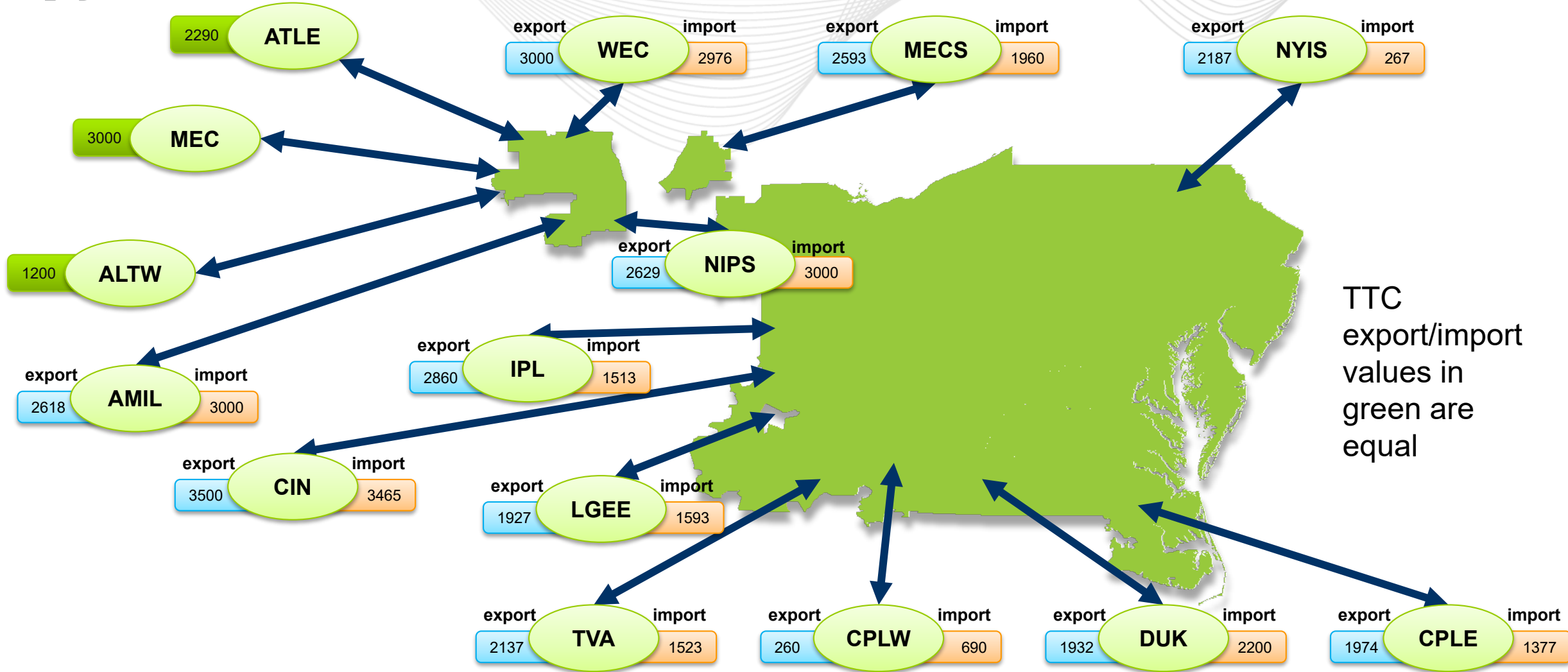


# Distance from Load Centers (Future Projects)

Distance from PJM Load Centers by Fuel Type  
(Number of Future Projects)



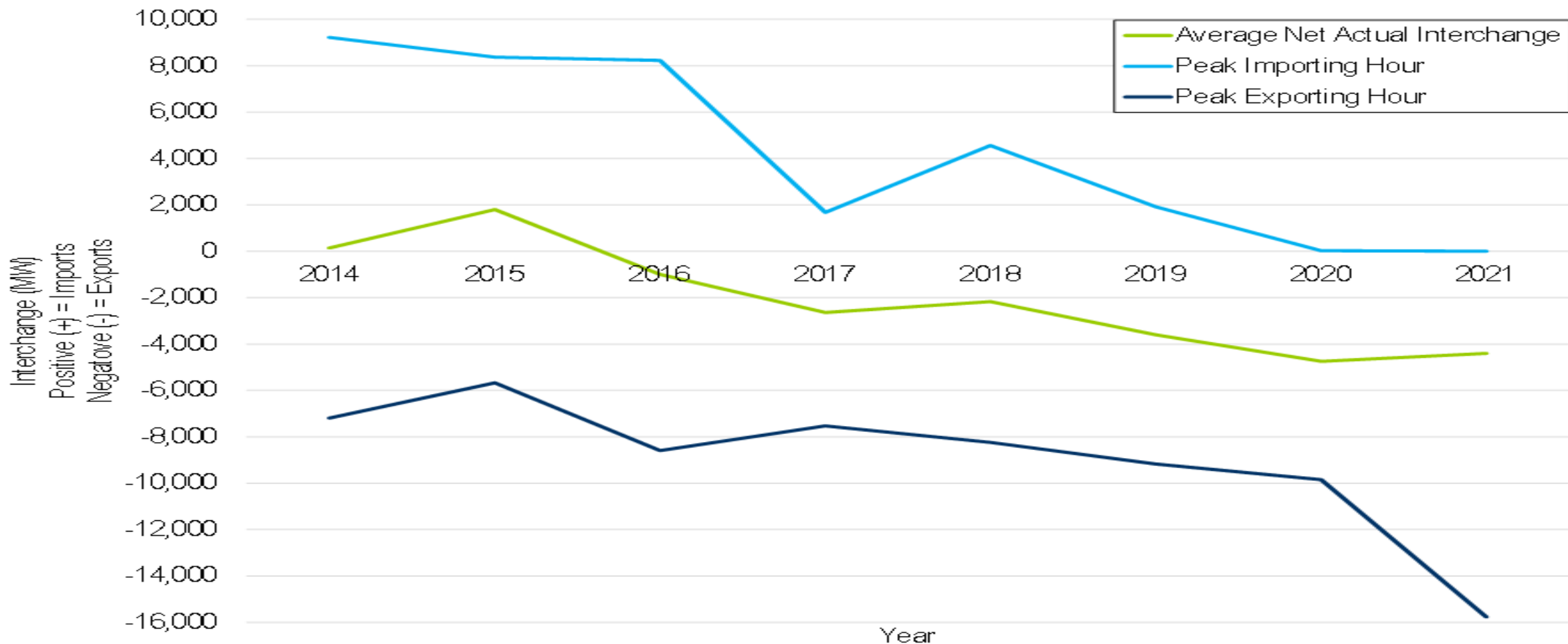
# Total Transfer Capability (TTC)



TTC export/import values in green are equal

**Note:** TTC values do not reflect simultaneous import/export capability

Average Net Actual Interchange Comparison 01/01/14 - 02/21/21





Queue Stage	Commercial Probability	MW Capacity	Expected In-Service MW Capacity
<b>Feasibility</b>	3%	41,174	1,180
<b>Impact</b>	9%	26,099	2,414
<b>Facilities</b>	58%	45,906	26,485
<b>ISA</b>	78%	22,409	17,373
<b>Total</b>	<b>35%</b>	<b>135,588</b>	<b>47,452</b>



## Presenter:

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