



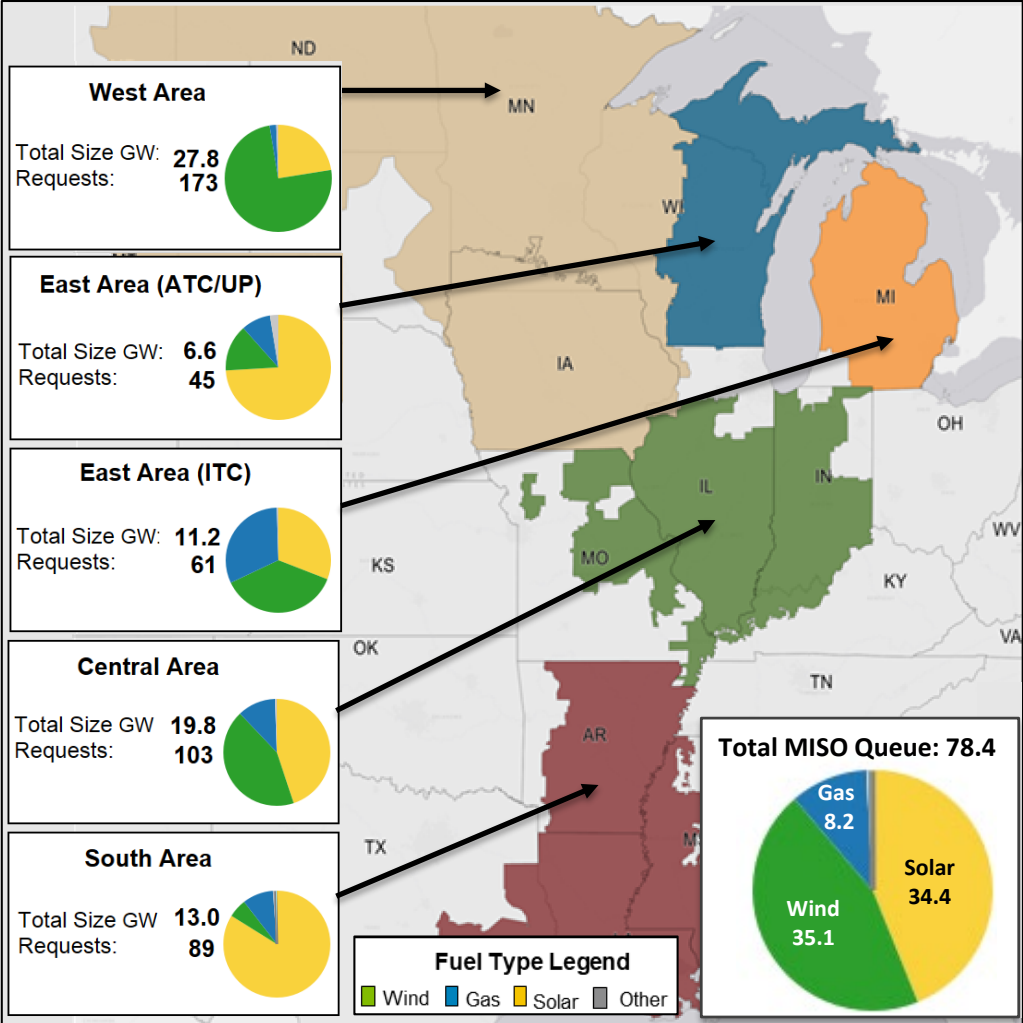
Generator Interconnection Update

System Planning Committee
of the Board of Directors

December 4, 2018

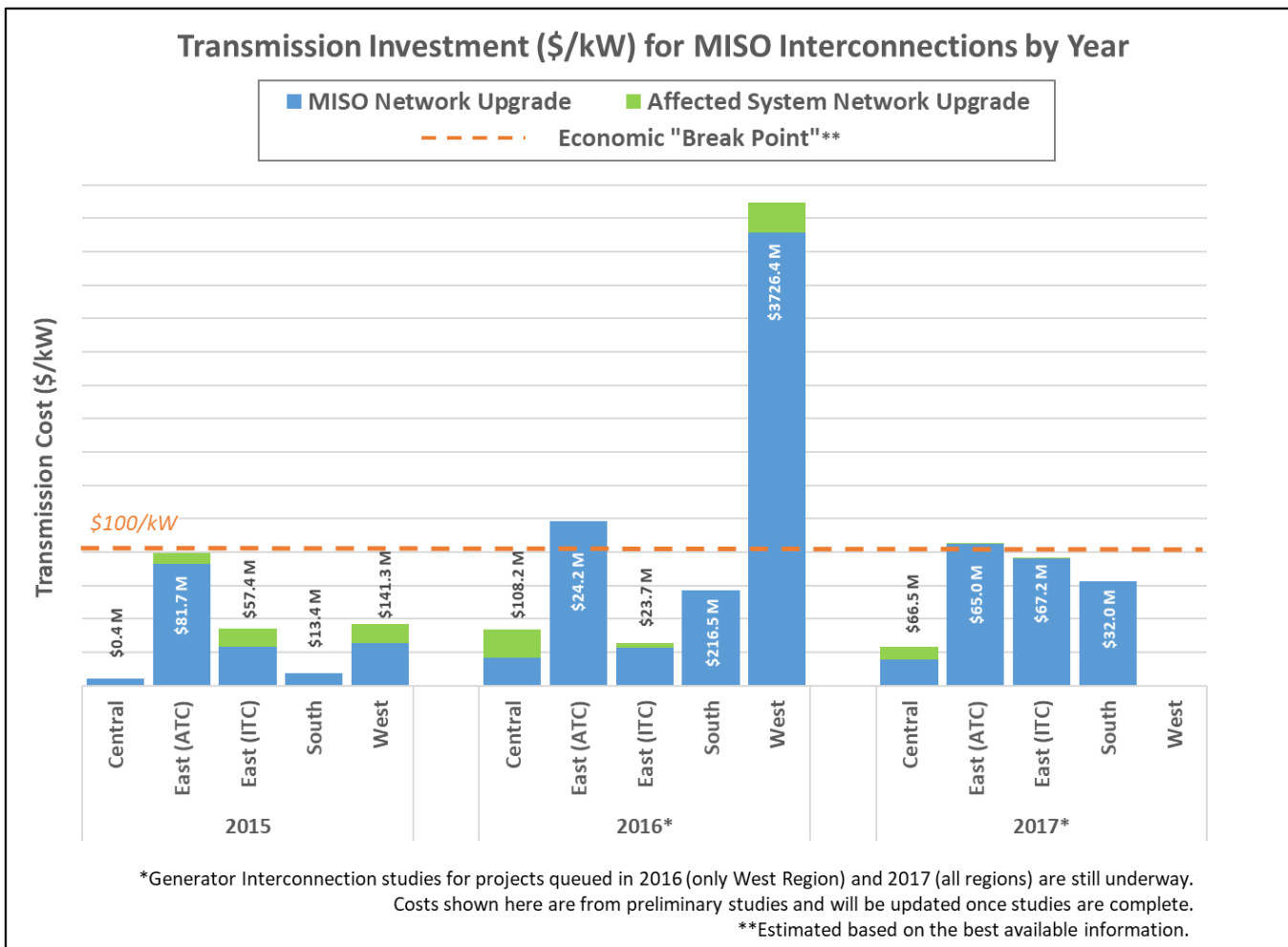
Resource interconnection queue consists of 80 GW; project continued entry of renewable projects into the queue.

MISO Active Queue by Study Area

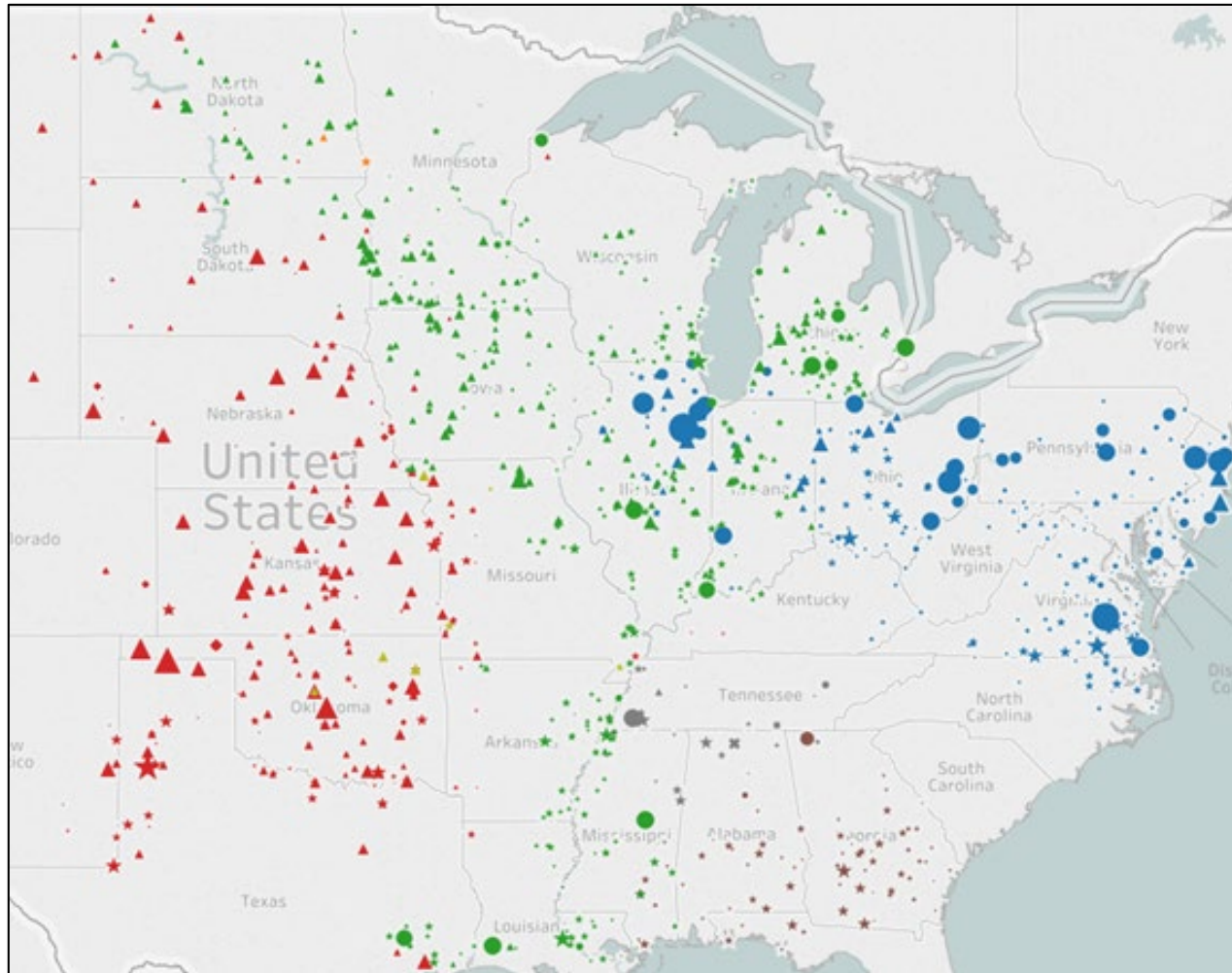


as of: 11/20/18

Cost of generator interconnection upgrades indicate we are starting to see project costs that exceed economic “break point”.



Eastern Interconnection is experiencing the same phenomenon; regional and interregional transmission alternatives may be part of the solution.



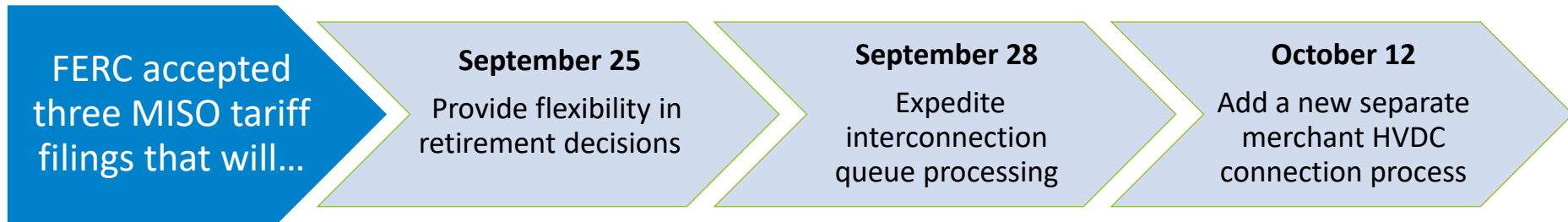
RTO Map Legend - Filter		
RTO	Projects	Total MWs
AECI	(9)	(2,309)
LGEKU	(3)	(221)
MISO	(532)	(89,323)
MPC	(6)	(535)
PJM	(548)	(70,422)
SOCO	(128)	(12,736)
SPP	(424)	(76,752)
TVA	(59)	(6,004)

RTO Fuel Legend - Filter		
Fuel Type	Projects	Total MWs
Coal	(5)	(55)
Gas	(144)	(45,757)
Hydro	(9)	(233)
Nuclear	(11)	(583)
Solar	(897)	(94,334)
Wind	(558)	(112,587)
Other	(85)	(4,753)

Summer Max MW Legend	
•	0
○	1,000
○	2,000
○	≥ 3,000

Updated: 8/8/18

MISO has taken steps to improve generator interconnection and retirement processes.



Additional enhancements are planned for 2019 to further optimize the generator interconnection queue process.

