

# 7th Annual Nebraska Wind and Solar Conference

October 29 - 30, 2014

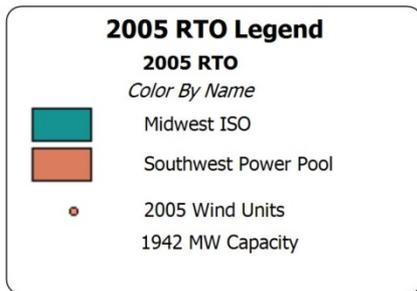
Patrick Clarey, Attorney Advisor,  
Office of Energy Market Regulation  
Federal Energy Regulatory Commission



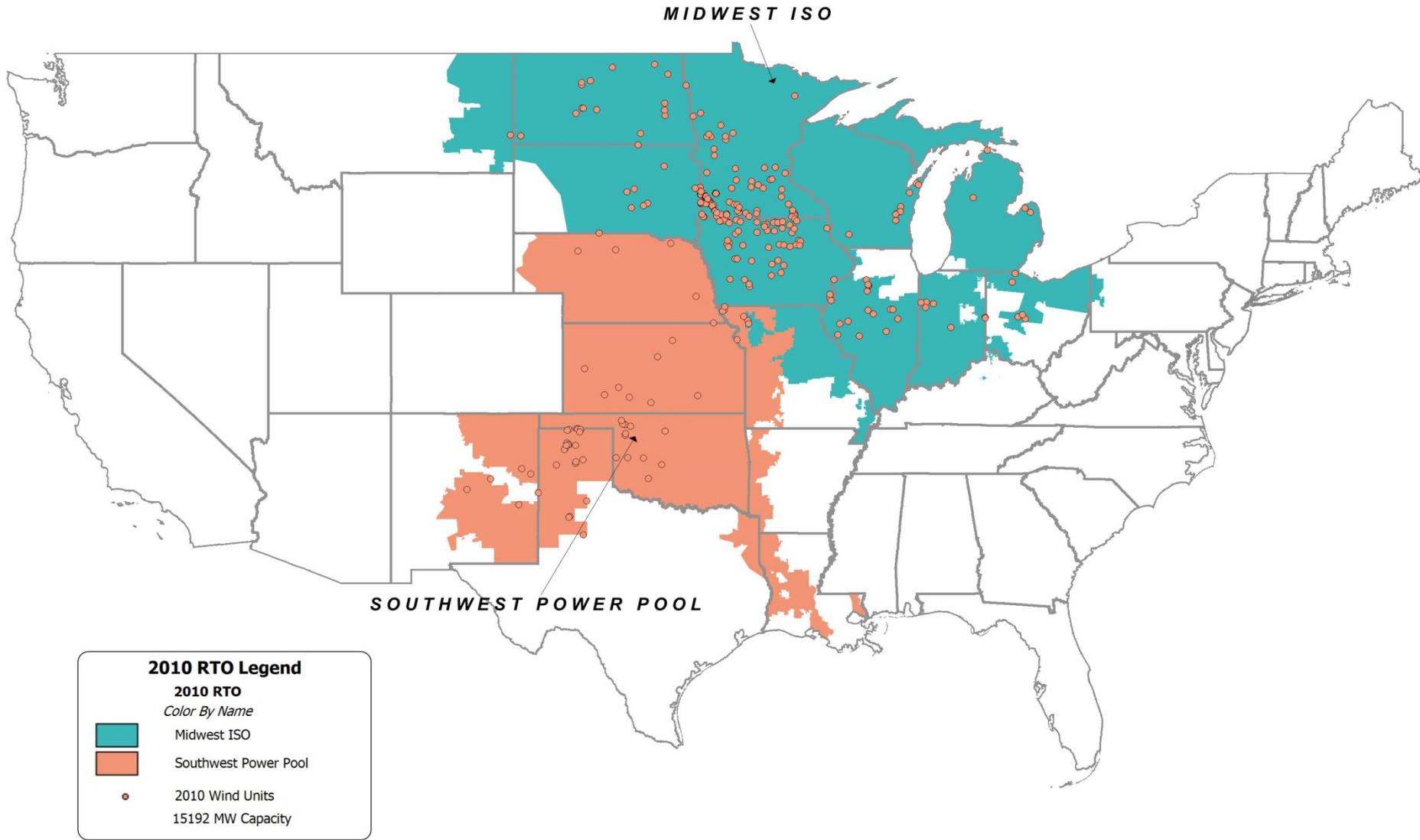
# Wind Generation Capacity in 2005 was about 1,942 MW

MIDWEST ISO

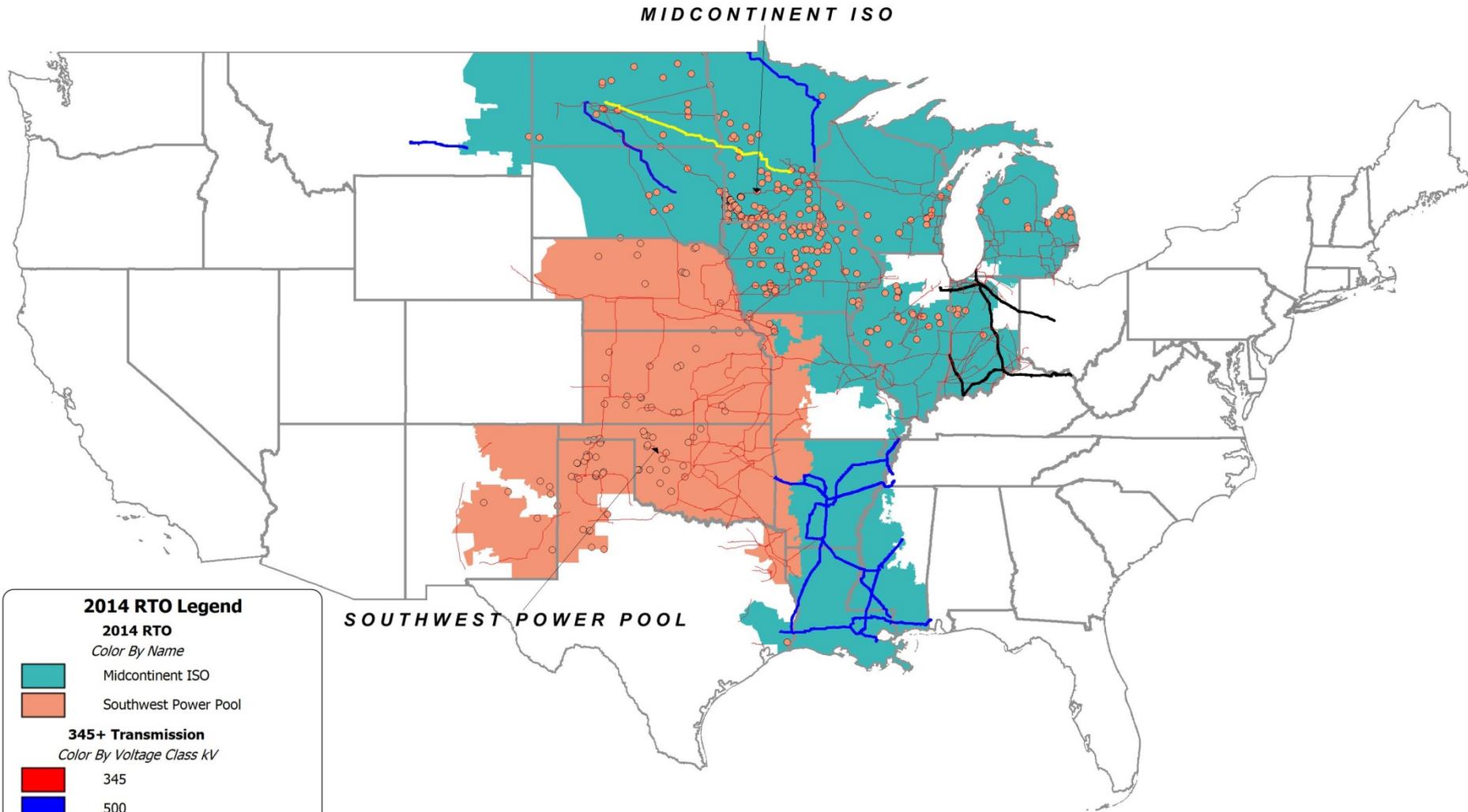
SOUTHWEST POWER POOL



# Wind Generation Capacity in 2010 was about 15,192 MW



# Wind Generation Capacity in 2014 is about 25,370 MW



**2014 RTO Legend**  
**2014 RTO**  
*Color By Name*

- Midcontinent ISO
- Southwest Power Pool

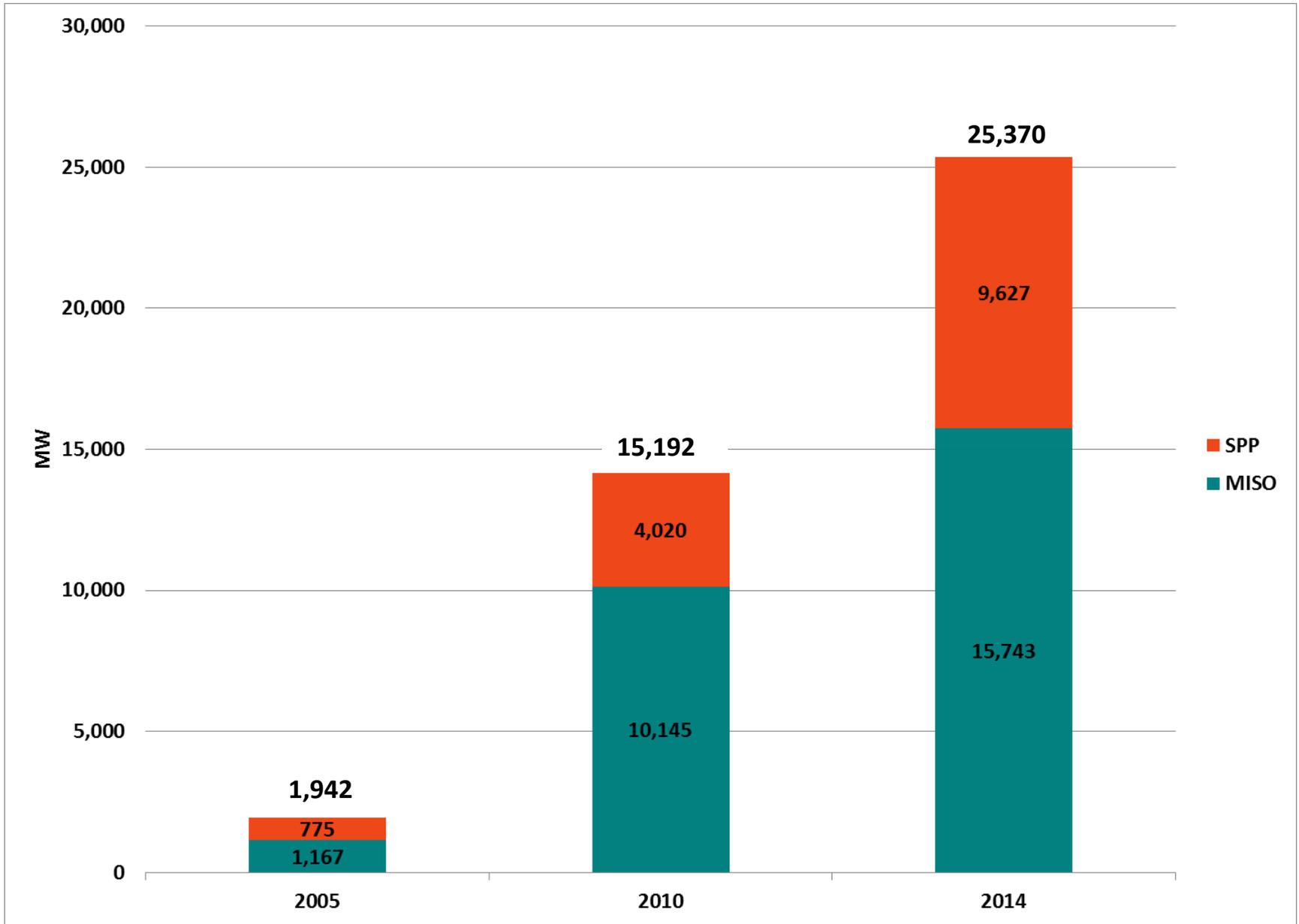
**345+ Transmission**  
*Color By Voltage Class kV*

- 345
- 500
- 735 and Above
- DC Line

2014 Wind Units  
25370 MW Capacity

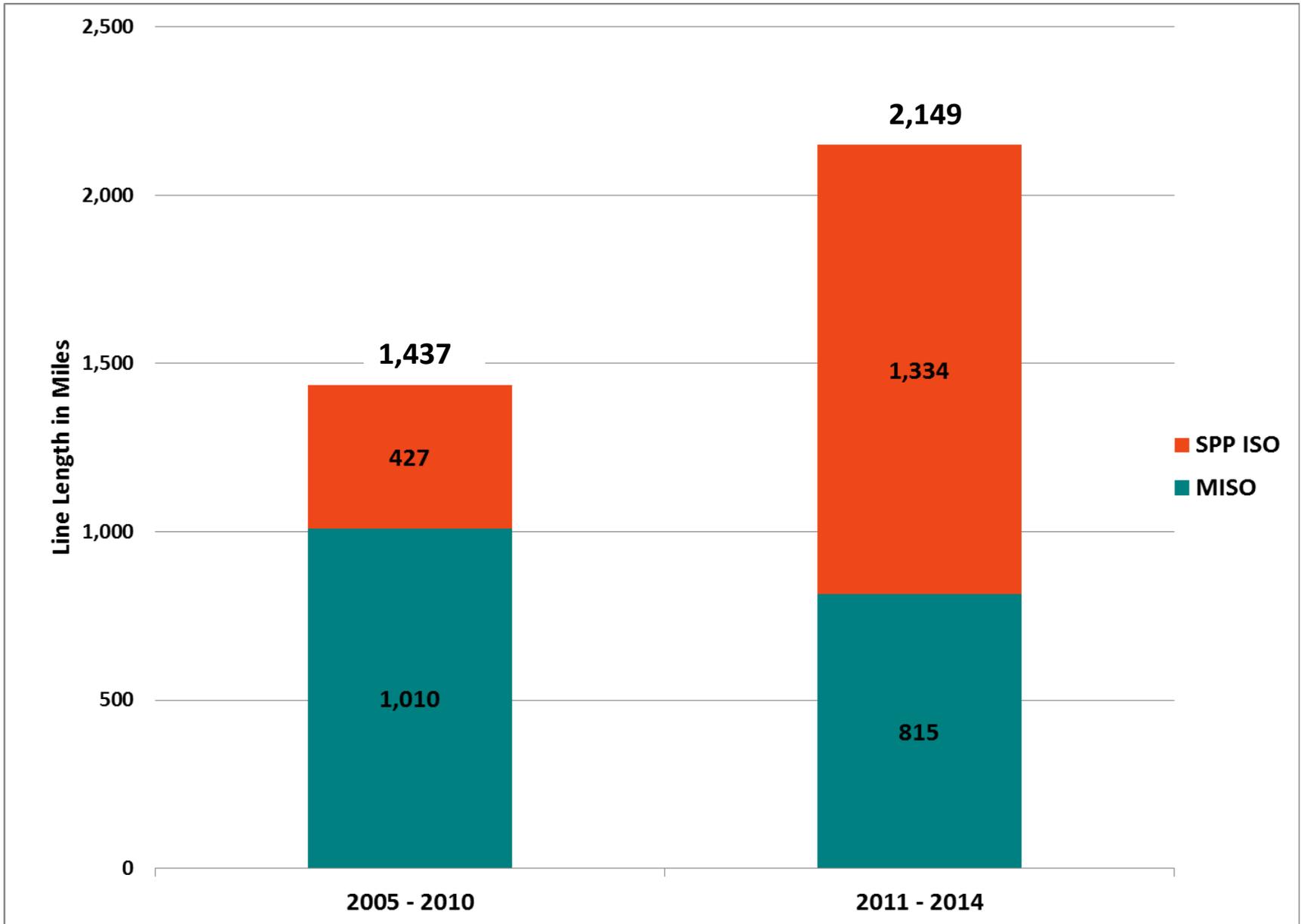
Source: Based on data from Ventyx Velocity Suite, October 2014

# Since 2005, wind capacity in the SPP and MISO footprint has increased 13 folds.



Source: Based on data derived from Ventyx, Velocity Suite, October 2014.

## Transmission Additions of high voltage transmission lines $\geq$ 345 kV, by ISOs



Sources: Based on data derived from C-Three and Staff database.