



ERCOT Overview

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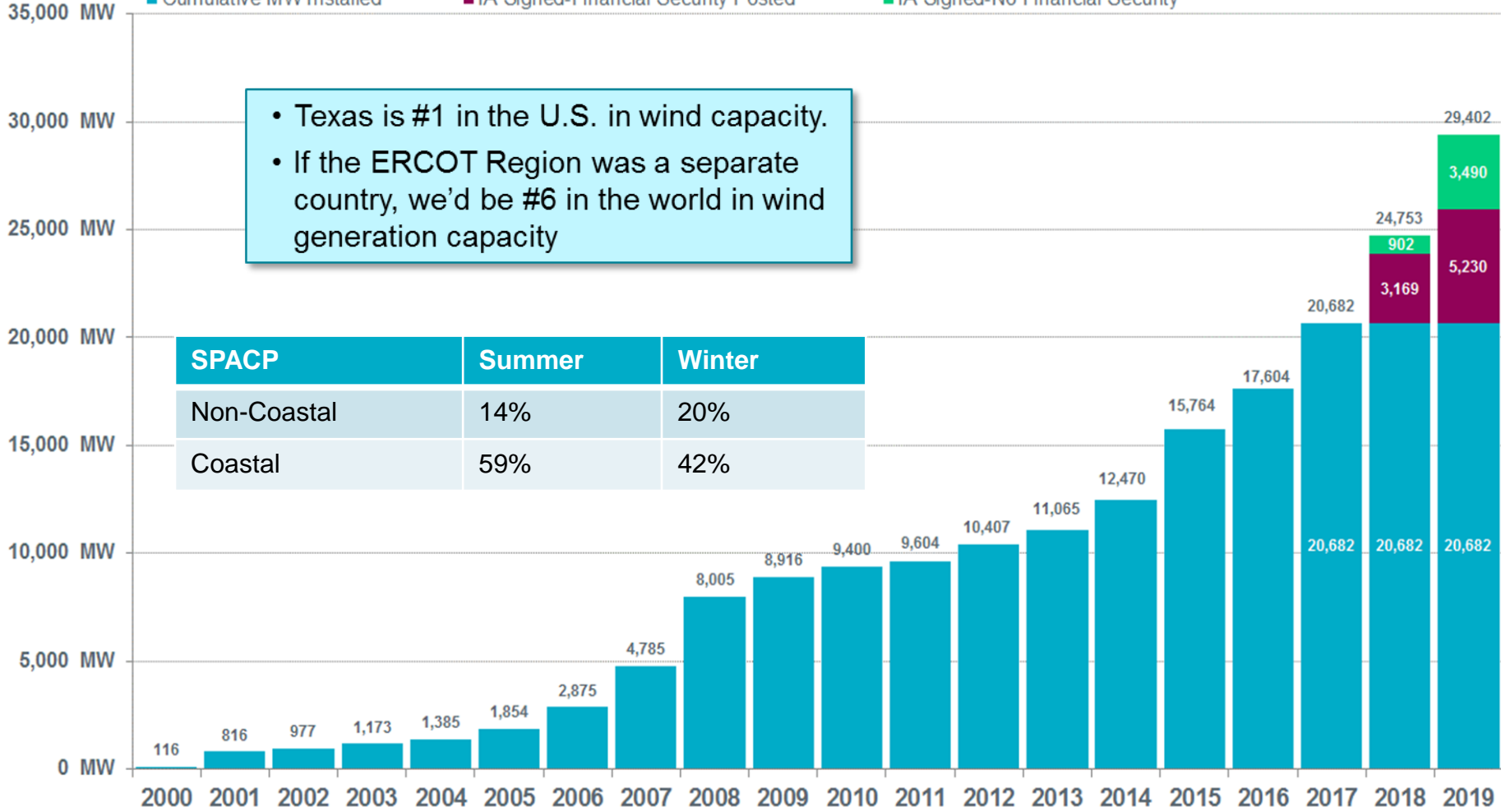
Wind Generation Queue

ERCOT Wind Additons by Year (as of 12/31/2017)

■ Cumulative MW Installed ■ IA Signed-Financial Security Posted ■ IA Signed-No Financial Security

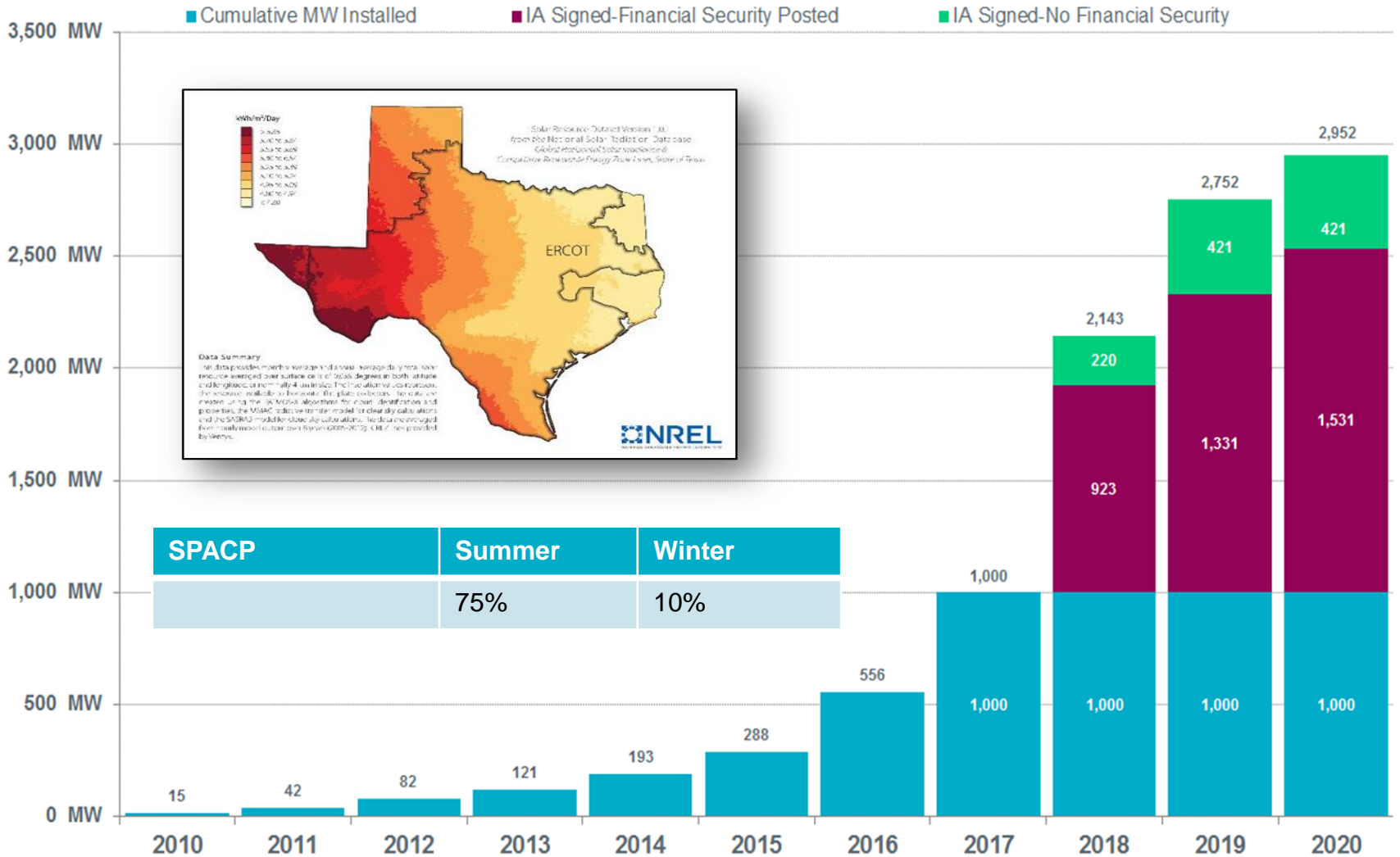
- Texas is #1 in the U.S. in wind capacity.
- If the ERCOT Region was a separate country, we'd be #6 in the world in wind generation capacity

SPACP	Summer	Winter
Non-Coastal	14%	20%
Coastal	59%	42%



Utility Scale Solar Generation Queue

ERCOT Solar Additions by Year (as of 12/31/2017)



Summary of Generation Interconnection Requests – posted 1-2-18

Fuel Type	Screening Study (MW)	FIS Pending or Completed (MW)	IA Executed, FIS Pending or Approved (MW)	Grand Total (MW)
Natural Gas	0	3,881	9,764	13,645
Coal	0	0	0	0
Wind	5,664	15,814	8,720	30,198
Solar	9,272	12,899	1,952	24,123
Compressed Air Storage	0	0	324	324
Battery	0	30	0	30
Total	14,936	32,624	20,760	68,320

Existing and Planned ERCOT Energy Storage Resources (per the Generator Interconnection Status Report 1-2-2018)

Existing:

Type/Name	County	MW	~On-line date
Sodium Sulfur/ Presidio [Non-Market]	Presidio	4	Q1 2010
LI/ NWF_NBS	Ector/Winkler	36	Q4 2012
LI/ OCI_ALM1	Bexar	1	Q1 2016
LI/ BLSUMMIT	Wilbarger	30	Q3 2017
LI/ TOSBATT	Howard	2	Q4 2017
Total		73	

Planned **:

Type/Project Name	County	MW	COD
Bethel CAES	Anderson	324	11/2020*
Cargil Solar batt	Zavala	30	10/2020*
Total		354	

* COD from Interconnect Request

** Does not include Planned Resources 10 MW or less (~ 10 projects, approximate total = 50 MW)