



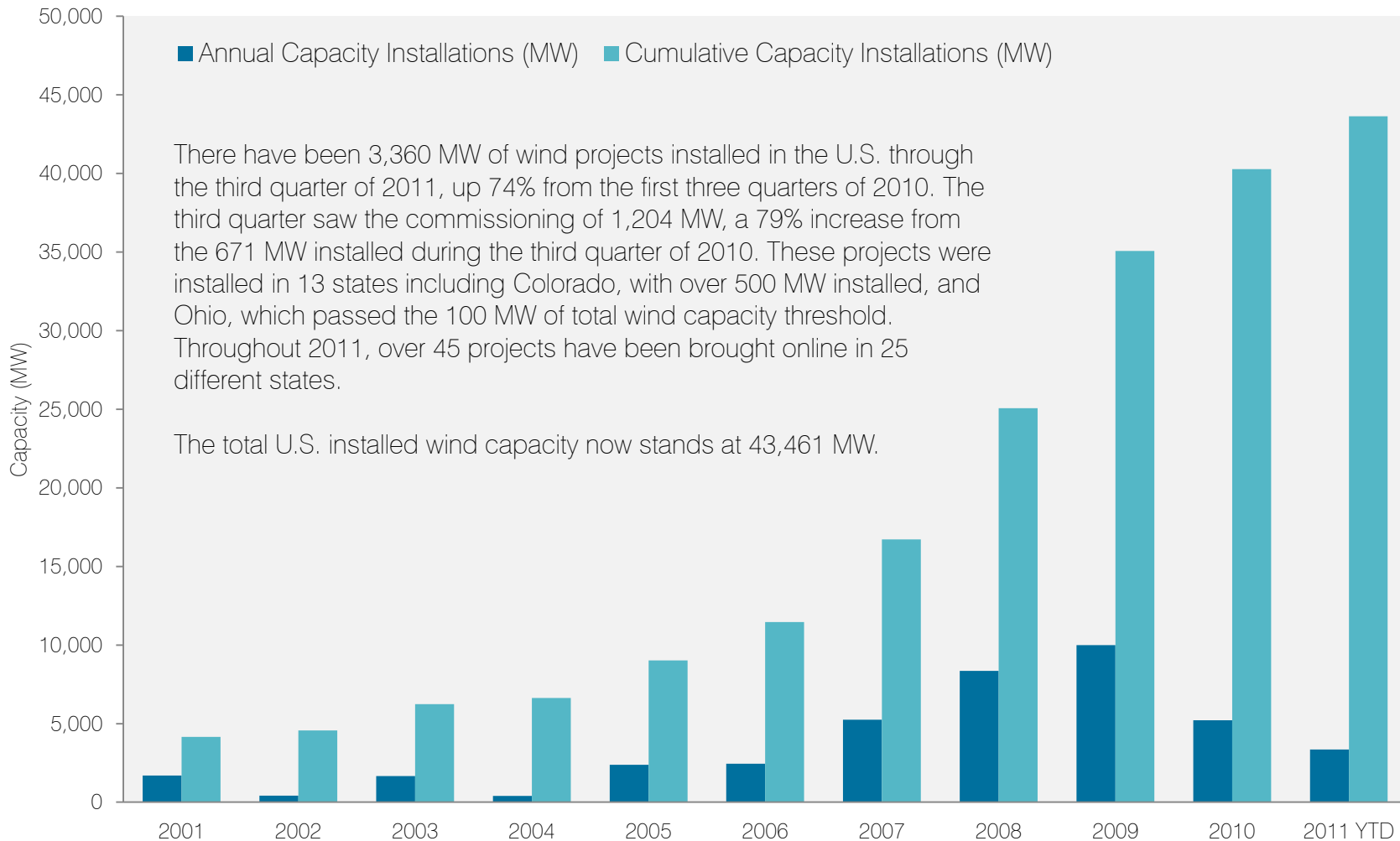
# U.S. Wind Industry Third Quarter Market Report October 2011

The U.S. wind industry installed 1,204 MW during the third quarter of 2011, bringing total installations in 2011 to 3,360 MW. The U.S. wind industry now totals 43,461 MW through the end of September 2011.

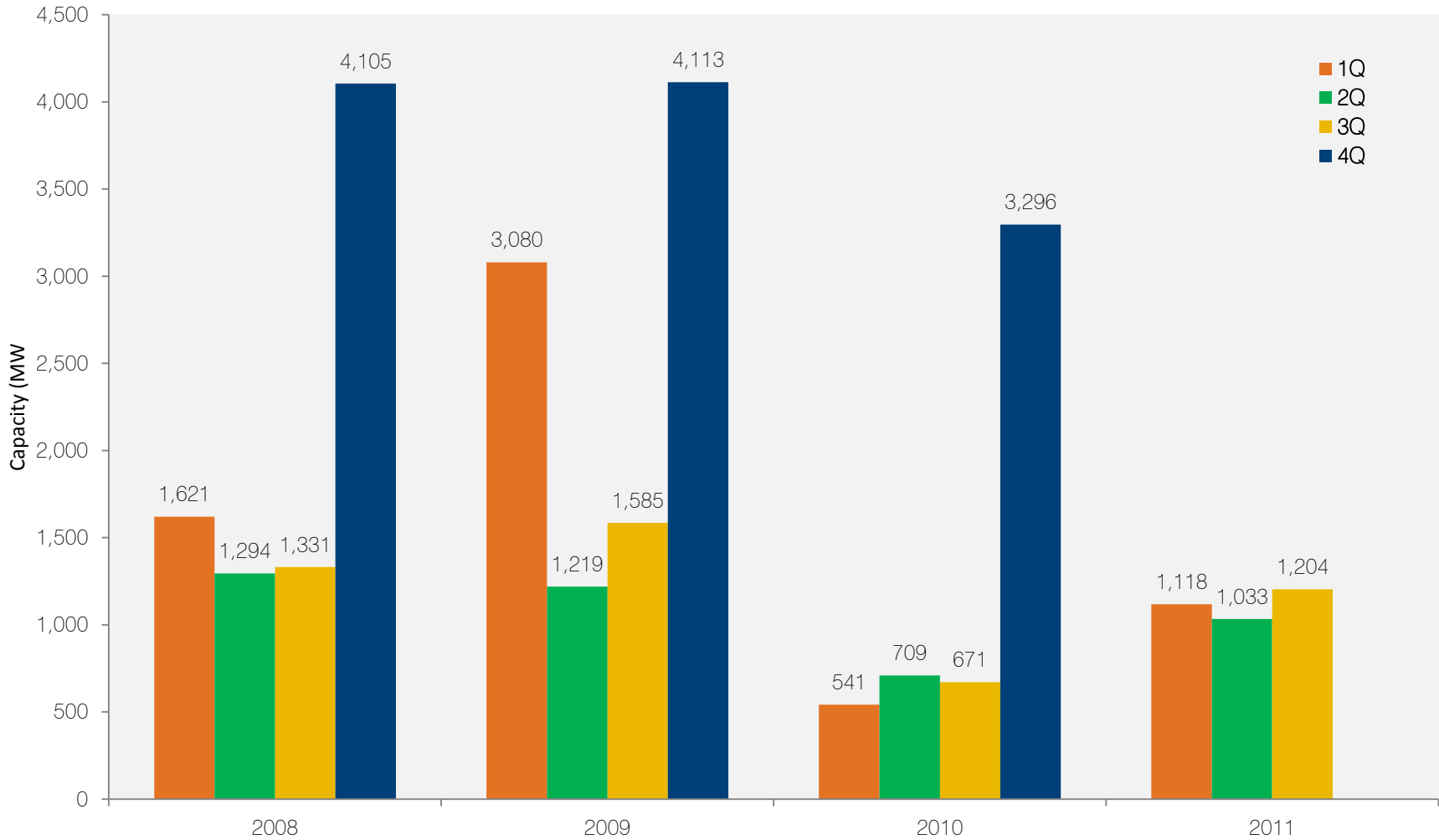
There are over 8,400 MW currently under construction involving over 90 separate projects spanning 29 states.



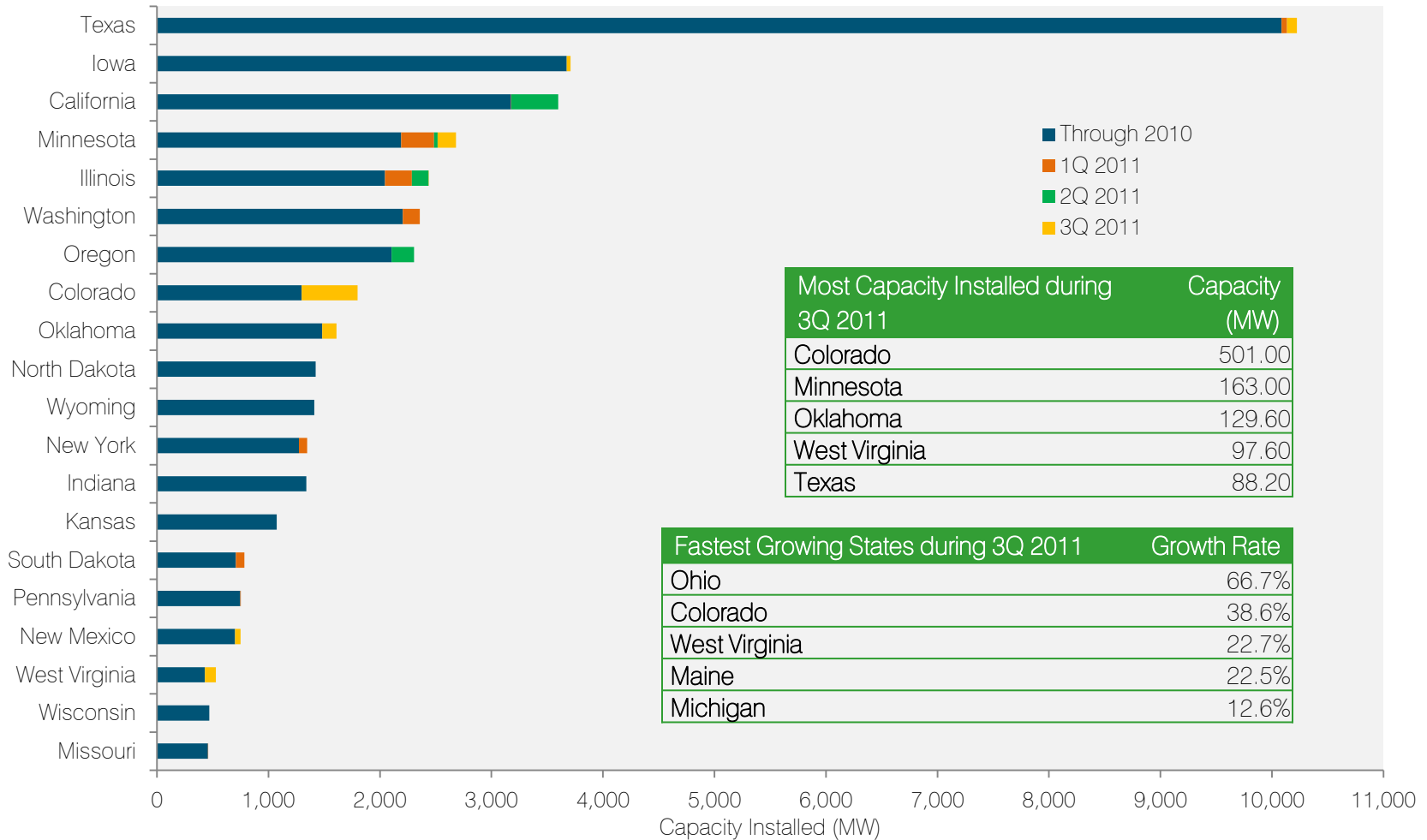
# U.S. Annual and Cumulative Wind Power Capacity



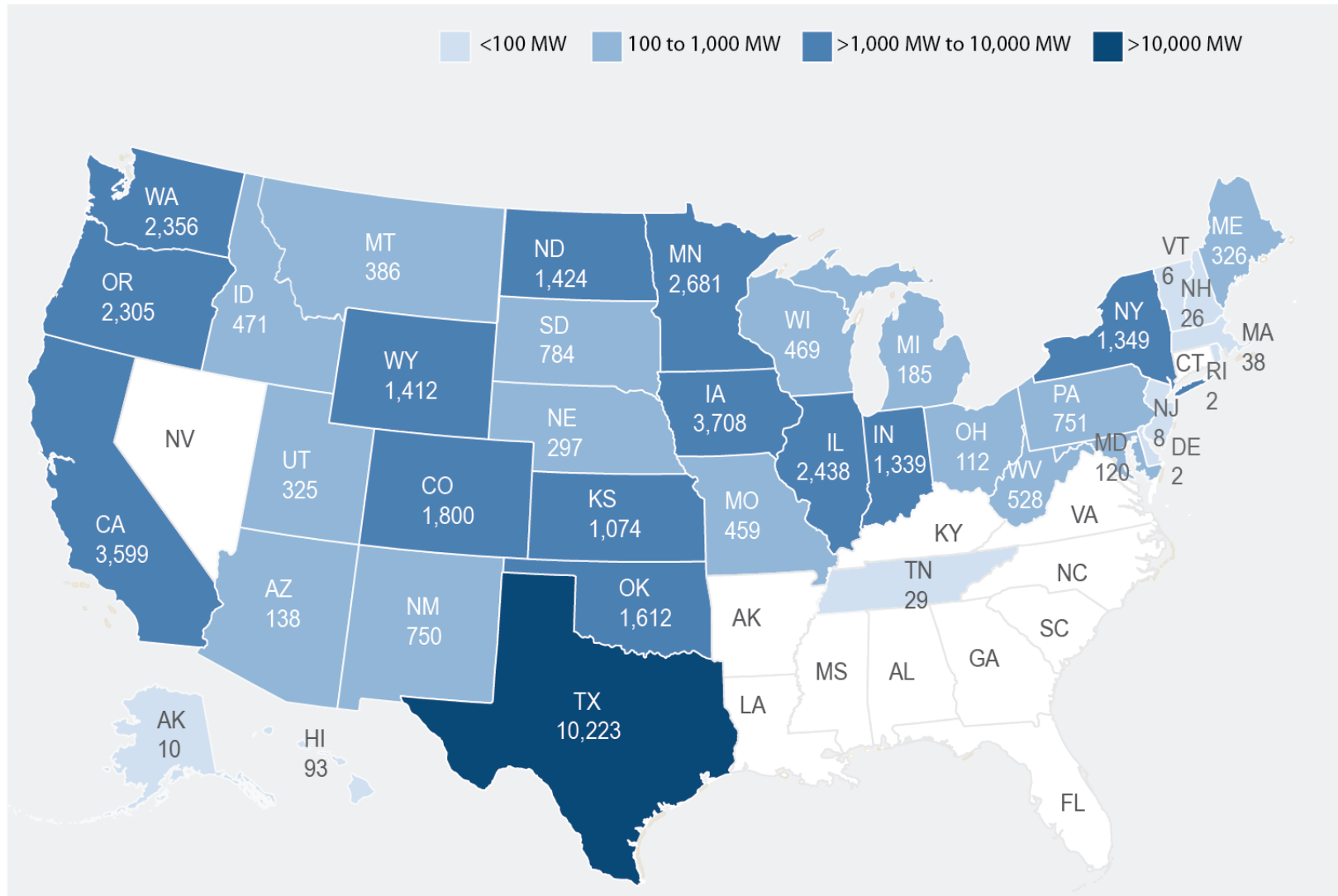
# U.S. Wind Power Installations by Quarter



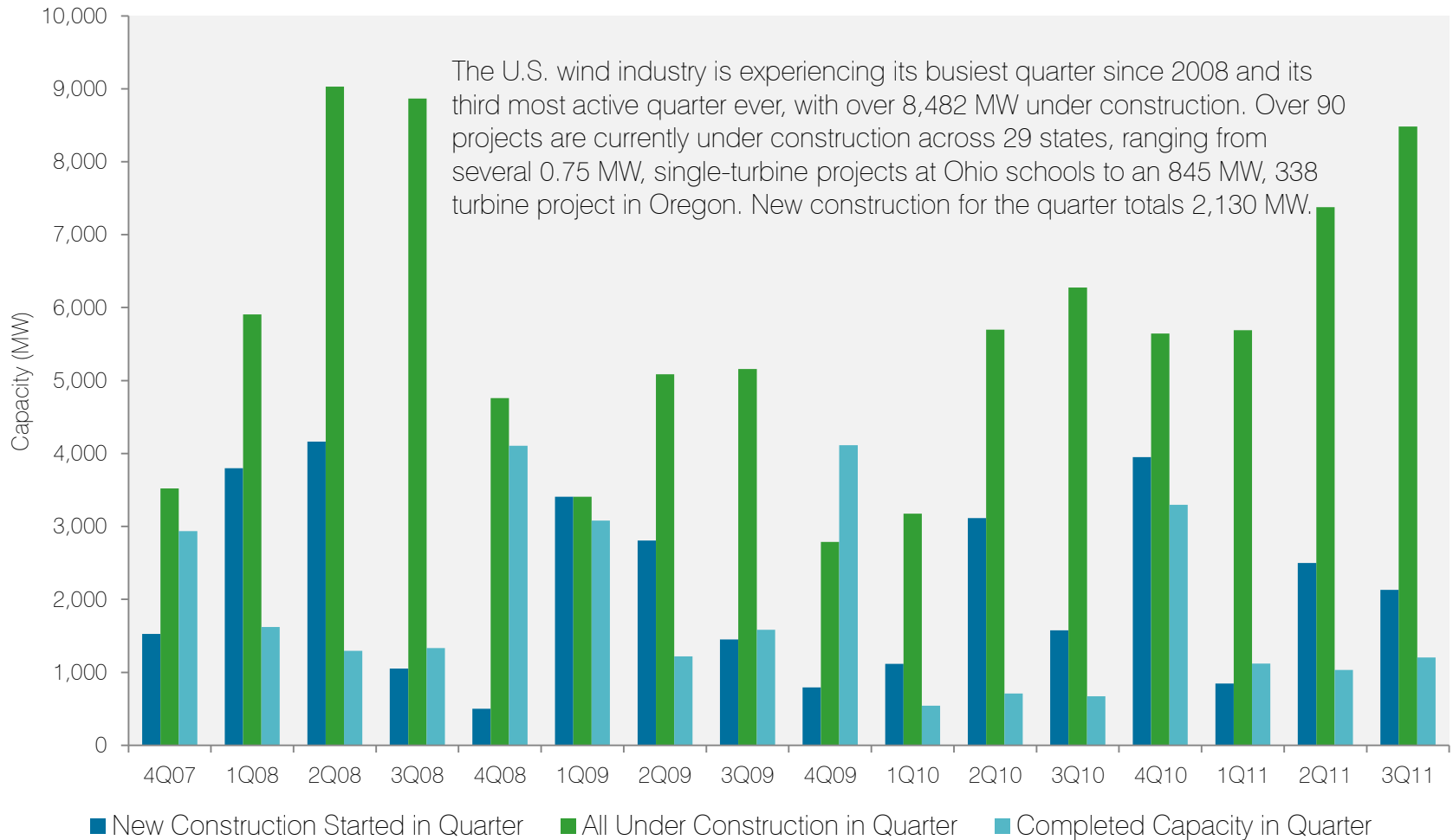
# Wind Power Capacity Installations, Top 20 States



# U.S. Wind Power Installations by State



# U.S. Wind Power Capacity under Construction



# Projects Online First Quarter 2011

State	Project Name	Project Capacity (MW)	Number of Wind Turbines	Turbine Rating (MW)	Turbine Manufacturer	Project Developer	Project Owner	Power Purchaser
CA	Tehachapi 1.6 Proto-Type	1.6	1	1.6	GE Energy	GE Energy	GE Energy	
HI	Kahuku Wind	30.0	12	2.5	Clipper	First Wind	First Wind	HECO
ID	Idaho Wind Partners 1 (11 farms - 2011)	118.5	79	1.5	GE Energy	Exergy Development Group / Reunion Power	Idaho Wind Partners 1, LLC	Idaho Power
IL	Big Sky Wind Facility	239.4	114	2.1	Suzlon	Midwest Wind Energy	Edison Mission Group	Merchant
MN	Adams	19.8	12	1.7	Alstom	Juhl Wind	Juhl Wind	Xcel Energy
MN	Bent Tree	201.3	122	1.7	Vestas	Wind Capital Group/Alliant Energy	Alliant Energy (Wisconsin Power & Light)	Alliant Energy (Wisconsin Power & Light)
MN	Danielson Wind	19.8	12	1.7	Alstom	Juhl Wind	Juhl Wind	Xcel Energy
MN	Lakefield (phase I)	52.5	35	1.5	GE Energy	enXco	enXco	Indianapolis Power & Light
MO	Lost Creek Ridge Wind Farm (2011)	1.6	1	1.6	GE Energy	Wind Capital Group	Wind Capital Group	Associated Electric Cooperative Inc. (AECI)
NE	Laredo Ridge	81.0	54	1.5	GE Energy	Midwest Wind Energy	Edison Mission Group	NPPD
NY	Hardscrabble	74.0	37	2.0	Gamesa	Iberdrola Renewables	Iberdrola Renewables	Merchant
PA	Frey Farm	3.2	2	1.6	GE Energy	PPL Renewable Energy, LLC and Lancaster County Solid Waste Management Authority	PPL Renewable Energy	Turkey Hill Dairy
SD	Crow Lake (2011)	64.5	43	1.5	GE Energy	PrairieWinds SD 1 (Subsidiary of Basin Electric)	PrairieWinds SD 1 (Subsidiary of Basin Electric), 63 MW/ Mitchell Technical Institute 1.5 MW	Basin Electric Power
SD	Crow Lake (2011) - Community Owned	10.5	7	1.5	GE Energy	PrairieWinds SD 1 (Subsidiary of Basin Electric)	South Dakota Wind Partners	Basin Electric Power
TX	Loraine II	49.5	33	1.5	GE Energy	Third Planet Windpower	Third Planet Windpower	Merchant
WA	Juniper Canyon	151.2	63	2.4	Mitsubishi	Iberdrola Renewables	Iberdrola Renewables	Merchant

# Projects Online Second Quarter 2011

State	Project Name	Project Capacity (MW)	Number of Wind Turbines	Turbine Rating (MW)	Turbine Manufacturer	Project Developer	Project Owner	Power Purchaser
CA	Alta III	150.0	50	3.0	Vestas	Terra-Gen Power	Terra-Gen Power	Southern California Edison
CA	Alta IV	102.0	34	3.0	Vestas	Terra-Gen Power	Terra-Gen Power	Southern California Edison
CA	Alta V	168.0	56	3.0	Vestas	Terra-Gen Power	Terra-Gen Power	Southern California Edison
IL	White Oak Energy Center	150.0	100	1.5	GE Energy	Invenegy	Invenegy	TVA
MA	Berkshire Wind Power Project	15.0	10	1.5	GE Energy	Berkshire Wind Power Cooperative Corporation	Berkshire Wind Power Cooperative Corporation	Berkshire Wind Power Cooperative Corporation
MA	Ipswich	1.6	1	1.6	GE Energy	Town of Ipswich	Town of Ipswich	Ipswich Municipal Light Department; Ipswich Public Schools
MA	Mount Wachusett Community College	3.3	2	1.65	Vestas	Mount Wachusett Community College	Mount Wachusett Community College	Community College
MD	Roth Rock	50.0	20	2.5	Nordex	Synergics	Gestamp	Delmarva Power (80%), U. of D and State General Service Department (20%)
MN	Community Wind North	30.0	12	2.5	Clipper	Southwest Wind Consulting, Community Energy Developers Board, Lincoln County Enterprise Development	Edison Mission Group	Xcel Energy



# Projects Online Second Quarter 2011

State	Project Name	Project Capacity (MW)	Number of Wind Turbines	Turbine Rating (MW)	Turbine Manufacturer	Project Developer	Project Owner	Power Purchaser
MN	University of Minnesota Morris II - PES	1.65	1	1.65	Vestas	University of Minnesota - Morris	University of Minnesota - Morris	University of Minnesota - Morris; excess to Otter Tail Power
MN	Winona County Wind	1.5	2	0.75	Unison	Juhl Wind	Juhl Wind	Xcel Energy
OH	Lincoln Electric	2.5	1	2.5	Kenersys	Lincoln Electric	Lincoln Electric	Lincoln Electric
OH	Timber Road II	54.0	30	1.8	Vestas	EDP Renewables North America LLC	EDP Renewables North America LLC	AEP Ohio
OR	Leaning Juniper 2a	90.3	43	2.1	Suzlon	Iberdrola Renewables	Iberdrola Renewables	Merchant
OR	Leaning Juniper 2b	111.0	74	1.5	GE Energy	Iberdrola Renewables	Iberdrola Renewables	Merchant
UT	Milford II	102.0	68	1.5	GE Energy	First Wind	First Wind	LADWP 95.1% of 102; Glendale option for 5 MW)
<b>Repowers Completed Second Quarter 2011</b>								
CA	San Geronio Wind Farm (Re-Power)	6.0	2	3.0	Vestas	Whitewater Energy Corporation	San Geronio Farms Inc.	Southern California Edison

# Projects Online Third Quarter 2011

State	Project Name	Project Capacity (MW)	Number of Wind Turbines	Turbine Rating (MW)	Turbine Manufacturer	Project Developer	Project Owner	Power Purchaser
AZ	Kingman	10.0 <sup>†</sup>	5	2.0	Gamesa	Western Wind Energy Corp.	Western Wind Energy Corp.	Unisource Energy Services
CO	Cedar Creek II	250.8	123	1.6 (GE); 2.5 (Nordex)	GE Energy (63); Nordex (60)	BP Wind Energy	BP Wind Energy	Xcel Energy
CO	Cedar Point Wind	250.2	139	1.8	Vestas	RES Americas	Enbridge	Xcel Energy
IA	Pomeroy	29.9	13	2.3	Siemens	MidAmerican Energy	MidAmerican Energy	MidAmerican Energy
IA	Roeder Farms	1.6	1	1.6	GE Energy	5045 Wind Partners	5045 Wind Partners	Alliant Energy
IA	Wind Walkers	1.6	1	1.6	GE Energy	5045 Wind Partners	5045 Wind Partners	Alliant Energy
IL	Brown County Wind	1.5	1	1.5	VENSYS	Adams Electric Cooperative	Adams Electric Cooperative	Adams Electric Cooperative
IL	Testa Produce	0.75	1	0.75	Aeronautica	Testa Produce	Testa Produce	Testa Produce
ME	Rollins	60	40	1.5	GE Energy	First Wind	First Wind	Merchant
MI	Stoney Corners III	20.6	10	Varies	REpower (9); Northern Power Systems (1)	Heritage Sustainable Energy	Heritage Sustainable Energy	Consumers Energy (2012)
MN	Lakefield	153	102	1.5	GE Energy	enXco	enXco	Indianapolis Power & Light
MN	Valley View <sup>††</sup>	10	5	2.0	Gamesa	Juhl Wind	Juhl Wind	Xcel Energy

<sup>†</sup> Kingman also includes a 0.5 MW solar component, bringing its total capacity to 10.5 MW

<sup>††</sup> Valley View was briefly online before its transformer was struck by lightning. The project is currently offline while repairs are made.

# Projects Online Third Quarter 2011

State	Project Name	Project Capacity (MW)	Number of Wind Turbines	Turbine Rating (MW)	Turbine Manufacturer	Project Developer	Project Owner	Power Purchaser
NE	Springview II Wind Facility	3	2	1.5	VENSYS	Bluestem LLC	Bluestem LLC	NPPD
NM	Macho Springs Wind Farm I	50.4	28	1.8	Vestas	Element Power	Element Power	Tucson Electric Power
OH	Timber Road II	45	25	1.8	Vestas	EDP Renewables North America LLC	EDP Renewables North America LLC	AEP Ohio
OK	Taloga	129.6	54	2.4	Mitsubishi	Edison Mission Group	Edison Mission Group	OG&E
TX	Golden Spread Panhandle Wind Ranch	78.2	34	2.3	Siemens	Cielo Wind Services	Golden Spread Electric Cooperative	Golden Spread Electric Cooperative
TX	Ralls Wind Farm	10	5	2.0	Sany	Canyon West	Ralls Corp.	Xcel Energy
WV	Lauren Mountain	91.5	61	1.5	GE Energy	AES	AES	Merchant