



AWEA U.S. Wind Industry Third Quarter 2012 Market Report

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During the third quarter of 2012, the U.S. wind industry installed 1,833 megawatts (MW) across 15 states, bringing total 2012 installations to 4,728 MW. This raises cumulative U.S. wind power capacity installations to 51,630 MW through the end of September 2012.

There are currently over 8,430 MW under construction across 29 states plus Puerto Rico.



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Summary

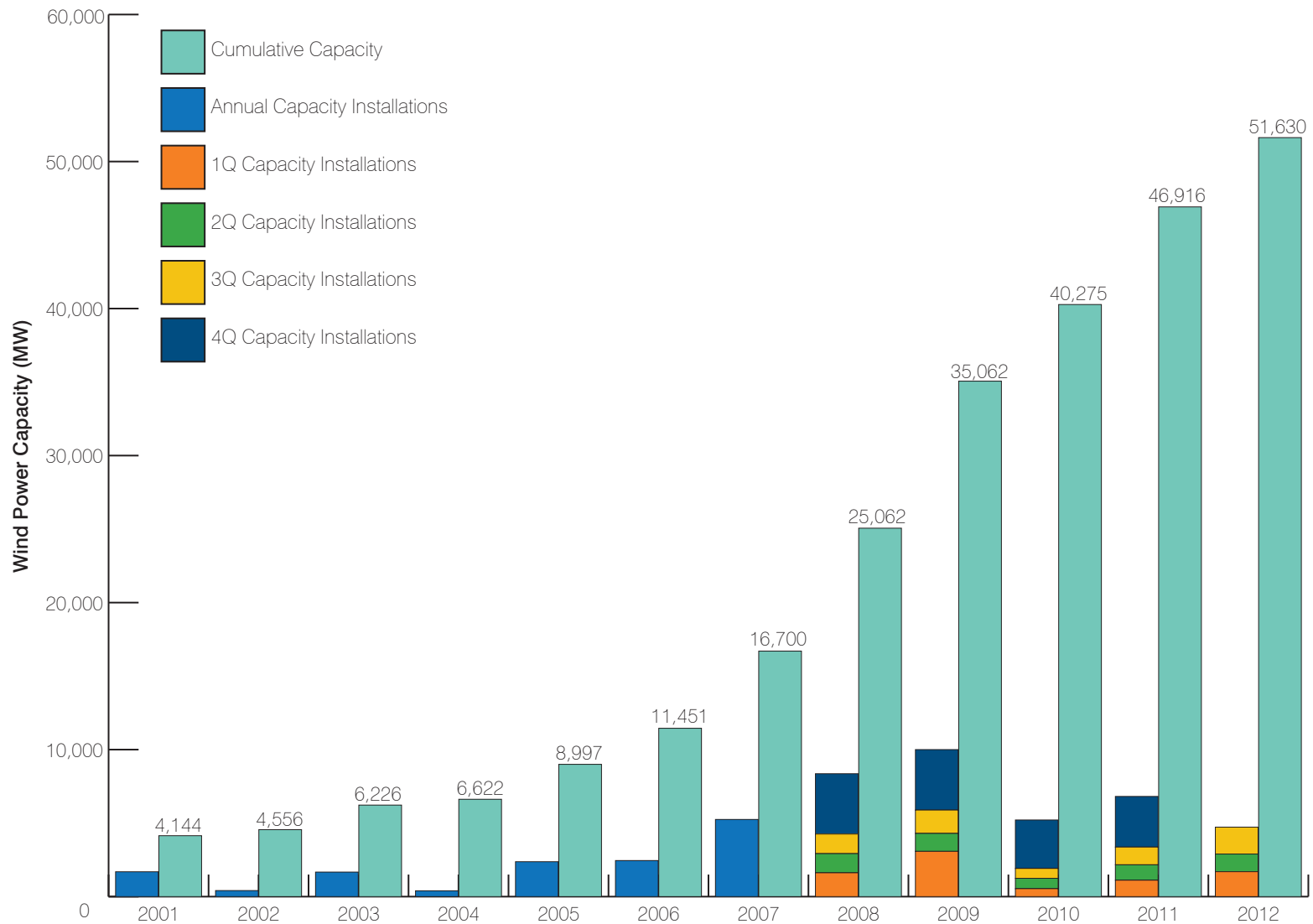
Projects Online Third Quarter 2012

- The U.S. wind industry installed 1,832.7 MW during the third quarter of 2012 bringing the total U.S. wind power capacity installations to 51,630 MW and 2012 installations to 4,728 MW
- The U.S. wind industry installed 40% more MW during the first three quarters of 2012 than the first three quarters of 2011 and the third quarter saw a 52% spike from the third quarter of 2011
- Kansas led the way in new installations during the third quarter of 2012 , followed by OR, TX, OK and NV
- Nevada became the 39th state with utility-scale wind installations this quarter; Pennsylvania became the 15th state with more than 1,000 MW
- The 954 turbines installed during the third quarter of 2012 had an average capacity of 1.92 MW. Year-to-date, there have been 4,728 turbines installed with an average capacity of 2.00 MW
- Twenty-seven projects were installed across 15 states during the third quarter of 2012
- Turbines from 9 different manufacturers, ranging from 750 kW to 2.3 MW were installed
- At least 40 utilities own or have contracted wind from projects currently online through the third quarter of 2012

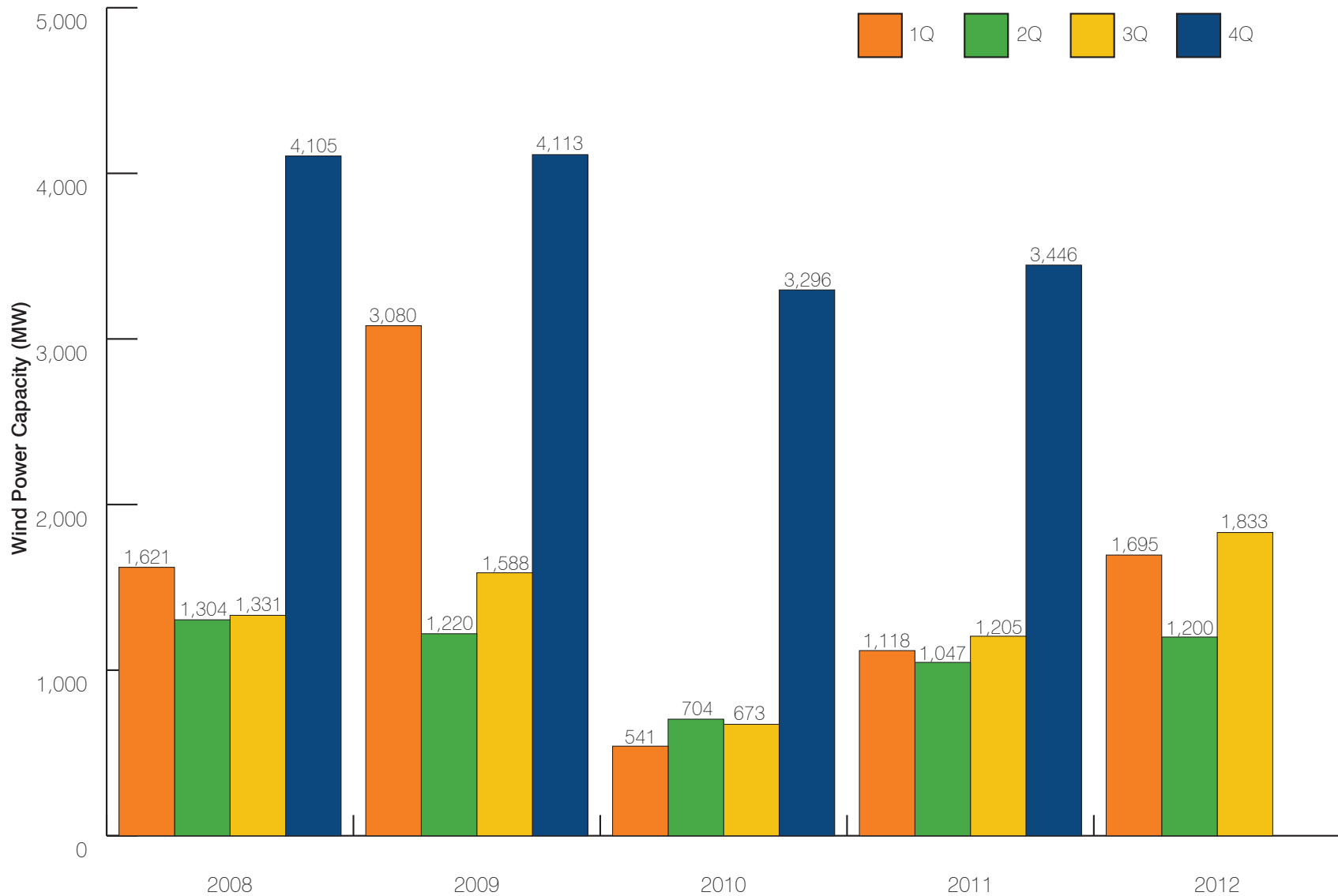
Projects Under Construction

- There are currently over 8,430 MW under construction across 29 states and Puerto Rico
- While the third quarter remained one of the top quarters for projects under construction, it saw less than 100 MW of new construction starts
- Every region in the U.S. has more under construction and online in 2012 than they installed in all of 2011
- Top states for under construction activity include Texas (1,291 MW), California (1,022 MW), Kansas (836 MW), Oklahoma (734 MW), Iowa (597 MW), Colorado (496 MW), Illinois (480 MW) and Michigan (472 MW).
- In total, 17 states and Puerto Rico have at least 100 MW under construction
- There are more than 4,360 turbines under construction from 15 different turbine manufacturers ranging in size from 750 kW to 3.6 MW

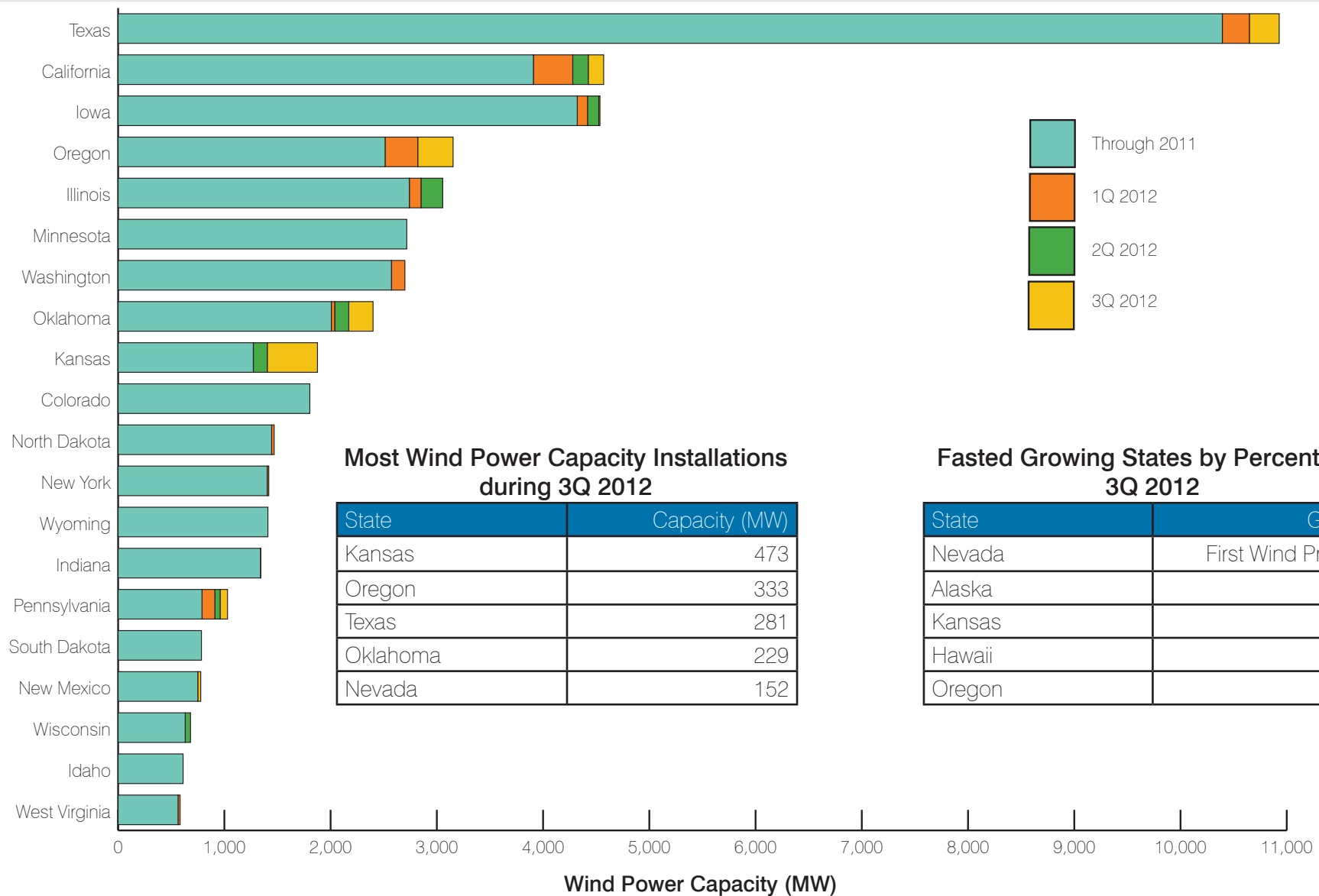
U.S. Wind Power Capacity Growth



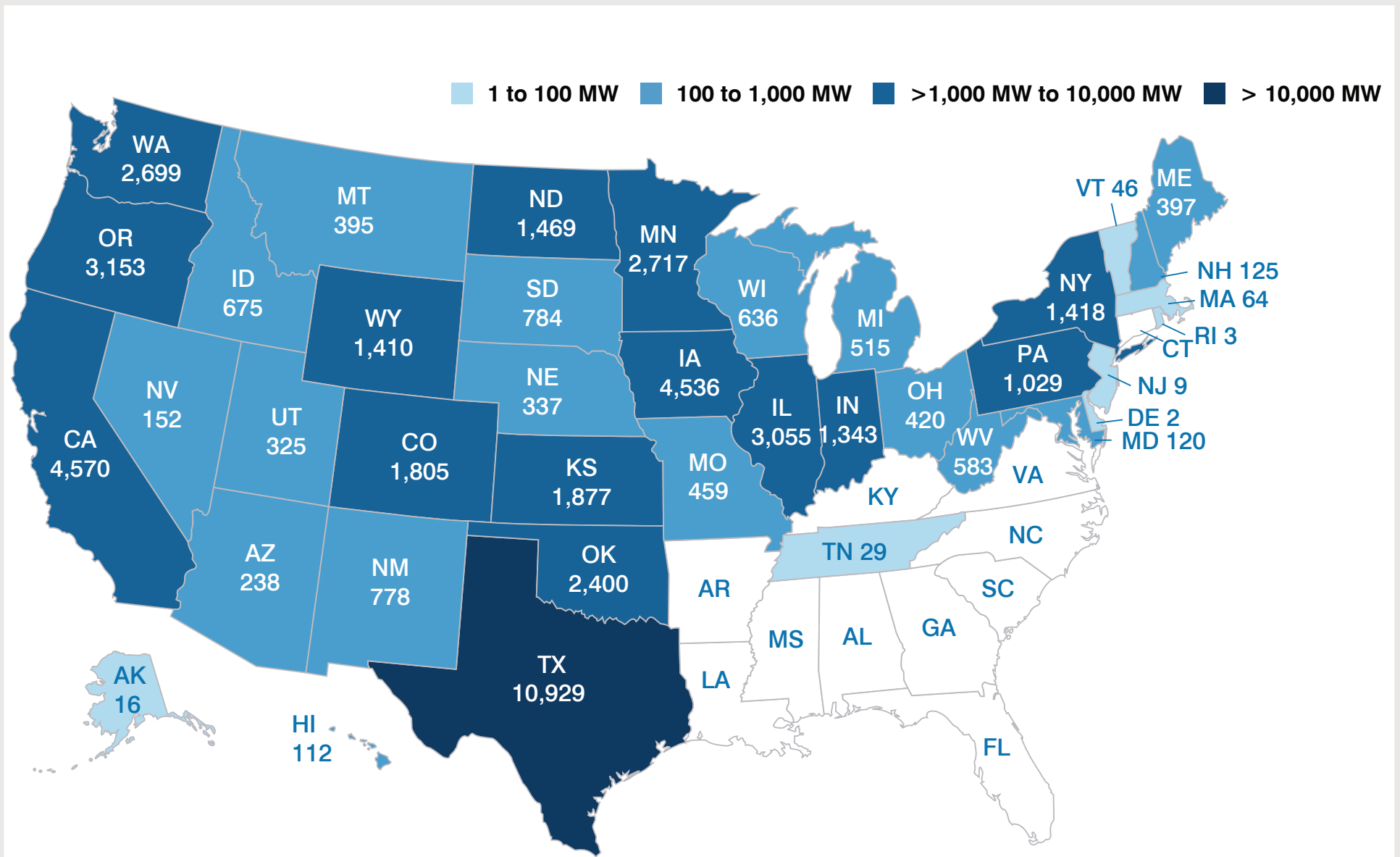
U.S. Wind Power Capacity Installations by Quarter



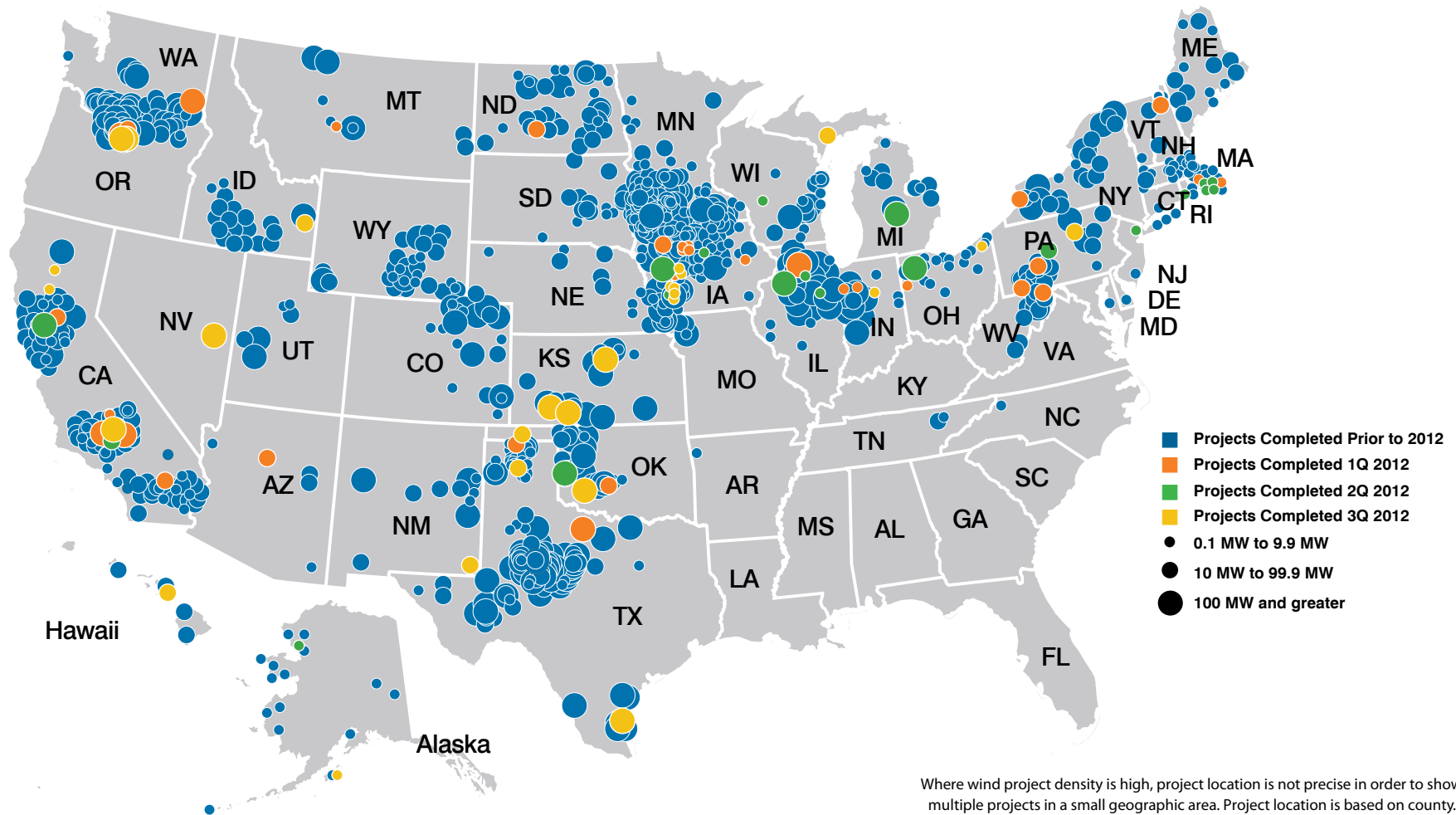
U.S. Wind Power Capacity Installations, Top States



U.S. Wind Power Capacity Installations by State

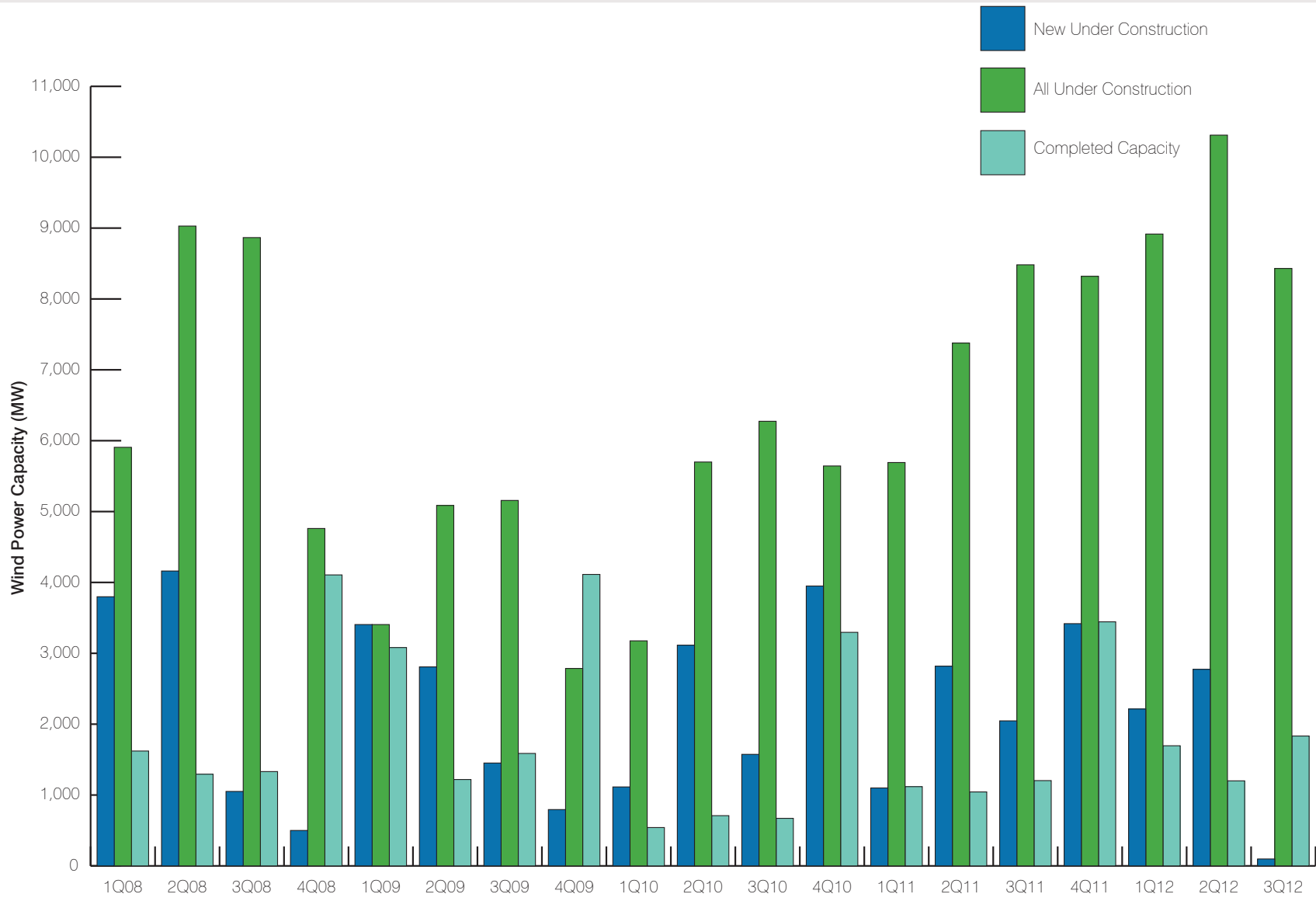


Wind Project Locations



Where wind project density is high, project location is not precise in order to show multiple projects in a small geographic area. Project location is based on county.

Wind Power Capacity Under Construction



Projects Online First Quarter 2012

State	Project Name	Capacity (MW)	Turbine Rating	Turbine Manufacturer	Project Developer	Project Owner	Power Purchaser
AZ	Perrin Ranch	99.20	1.60	GE Energy	NextEra Energy Resources	NextEra Energy Resources	Arizona Public Service
CA	Brookfield Tehachapi 1 (CCDLP)	102.00	3.00	Vestas	Coram Energy Group	Brookfield Renewable Energy Group	Pacific Gas & Electric
CA	Brookfield Tehachapi 2 (Alta VIII)	21.00	3.00	Vestas	Terra-Gen Power	Brookfield Renewable Energy Group	Southern California Edison
CA	Montezuma Winds II	78.20	2.30	Siemens	NextEra Energy Resources	NextEra Energy Resources	Pacific Gas & Electric
CA	Mountain View IV	49.00	1.00	Mitsubishi	AES	AES	Southern California Edison
CA	Windstar	120.00	2.00	Gamesa	Western Wind Energy Corp.	Western Wind Energy Corp.	Southern California Edison
IA	AG Land 1	1.60	1.60	GE Energy	Enervation, LLC	AG Land Energy LLC	Alliant Energy
IA	AG Land 2	1.60	1.60	GE Energy	Enervation, LLC	AG Land Energy LLC	Alliant Energy
IA	AG Land 3	1.60	1.60	GE Energy	Enervation, LLC	AG Land Energy LLC	Alliant Energy
IA	AG Land 4	1.60	1.60	GE Energy	Enervation, LLC	AG Land Energy LLC	Alliant Energy
IA	Junction Hilltop Wind	8.00	1.60	GE Energy	Tom Wind & Bill Sutton	Community Owned (9 individuals)	Interstate Power and Light (Alliant Energy)
IA	Kirkwood Community College	2.50	2.50	Clipper	Kirkwood Community College	Kirkwood Community College	Alliant Energy
IA	Pocahontas Prairie	80.00	2.00	Gamesa	Gamesa	Algonquin Power	Merchant (MISO)
IL	Shady Oaks	109.50	1.50	Goldwind	Mainstream Renewable/Goldwind	Goldwind	ComEd
IN	North Newton School Corporation	0.90	0.90	PowerWind	Performance Services	North Newton School Corporation	Net-metered
IN	West Central School Corporation	0.90	0.90	PowerWind	Performance Services	West Central School Corporation	Net-metered
MA	Falmouth II	1.65	1.65	Vestas	Lumus	Town of Falmouth	Net-metered
MA	No Fossil Fuel - Kingston	6.00	2.00	Gamesa	No Fossil Fuel, LLC	No Fossil Fuel, LLC	Net-metered
MT	Gordon Butte	9.00	1.50	GE Energy	Oversight Resources, LLC	Gordon Butte Wind, LLC	NorthWestern Energy
ND	Bison Wind 1B (2012)	24.00	3.00	Siemens	Minnesota Power	Minnesota Power	Minnesota Power
NH	Granite Reliable Power	99.00	3.00	Vestas	Brookfield Renewable Energy Group	Brookfield Renewable Energy Group	32% Green Mountain Power, 50.2% Central Vermont Public Service; remainder into New England Power Pool

Projects Online First Quarter 2012

State	Project Name	Capacity (MW)	Turbine Rating	Turbine Manufacturer	Project Developer	Project Owner	Power Purchaser
NY	Steel Winds II	15.00	2.50	Clipper	First Wind	First Wind	Merchant (NYSERDA)
OH	Cooper Farms	3.00	1.50	Goldwind	One Energy, LLC	V.H. Cooper and Company Inc.	Cooper Farms
OK	Crossroads (2012)	32.00	2.3 + 3.0	Siemens	RES Americas	Oklahoma Gas & Electric	Oklahoma Gas & Electric
OR	Shepherds Flat (Horseshoe Bend)	82.50	2.50	GE Energy	Caithness	Caithness	Southern California Edison
OR	Shepherds Flat (South Hurlburt)	165.00	2.50	GE Energy	Caithness	Caithness	Southern California Edison
OR	Shepherds Flat (North Hurlburt) (2012)	60.00	2.50	GE Energy	Caithness	Caithness	Southern California Edison
PA	Highland North	75.00	2.50	Nordex	EverPower	EverPower	Merchant (PJM)
PA	South Chestnut	46.00	2.00	Gamesa	Iberdrola Renewables	Iberdrola Renewables	Merchant (PJM)
TX	Frisco	20.00	2.00	DeWind	DeWind	DeWind	Xcel Energy
TX	Harbor Wind	9.00	1.50	Guodian	Revolution Energy	Harbor Wind LLC	
TX	Trinity Hills	225.00	2.50	Clipper	BP Wind Energy	BP Wind Energy	Merchant (ERCOT)
WA	Lower Snake River Phase I (2012)	126.50	2.30	Siemens	Puget Sound Energy	Puget Sound Energy	Puget Sound Energy
WV	Pinnacle (2012)	19.20	2.40	Mitsubishi	US Wind Force/Edison Mission Group	Edison Mission Group	University of Maryland System and Maryland Dept of General Services

* Project names followed with (2012) were partially completed in 2011 and partially completed in 2012.

Projects Online Second Quarter 2012

State	Project Name	Capacity (MW)	Turbine Rating	Turbine Manufacturer	Project Developer	Project Owner	Power Purchaser
AK	Kotzebue Wind Project	1.80	0.90	EWT Americas	Kotzebue Electric Association	Kotzebue Electric Association	Kotzebue Electric Association
CA	Mustang Hills (Alta VI)	18.00	3.00	Vestas	Terra-Gen Power	EverPower	Southern California Edison
CA	Solano Phase 3	127.80	1.80 + 3.00	Vestas	Sacramento Municipal Utility District	Sacramento Municipal Utility District	Sacramento Municipal Utility District
IA	GWE, LLC	4.00	2.00	HZ Windpower	Goodwind Energy Inc	Goodwind Energy Inc	Central Iowa Power Cooperative
IA	New Harvest	100.00	2.00	Gamesa	Iberdrola Renewables	Iberdrola Renewables	ComEd and Ameren Illinois
IA	Wiota Wind	1.60	1.6	GE Energy		Wiota Wind Energy, LLC	Farmers Electric Cooperative
IL	Bishop Hill I	200.00	1.5 + 1.6	GE Energy	Invenergy	Invenergy	Tennessee Valley Authority
IL	Eve	2.50	2.50	Clipper	GSG 7, LLC	GSG 7, LLC	ComEd
IL	Heartland Community College	1.65	1.65	Vestas	Harvest the Wind	Heartland Community College	Heartland Community College
KS	Cimarron II	131.10	2.30	Siemens	CPV Renewable Energy	Duke Energy (50%); Sumitomo (50%)	Kansas City Power & Light
MA	Fairhaven Wind	3.00	1.50	Sinovel	Solaya Energy	Solaya Energy; Palmer Capital; CTI Energy	Town of Fairhaven
MA	Kingston	2.00	2.00	Hyundai	Kingston Wind Independence	Kingston Wind Independence	Kingston (town of)
MA	Phillips Lightolier	2.00	2.00	Sany	Boreal Renewables	Phillips Lightolier	Net-metered
MA	Scituate Wind	1.50	1.50	Sinovel	Solaya Energy	Solaya Energy; Palmer Capital Corp	Town of Scituate
MI	Gratiot County	110.40	1.60	GE Energy	Invenergy	Invenergy	Detroit Edison
NJ	Bayonne Wind Energy Project	1.50	1.50	Leitner-Poma	Bayonne Municipal Utility Authority	Bayonne Municipal Utility Authority	Bayonne Municipal Utility Authority
OH	Blue Creek	304.00	2.00	Gamesa	Iberdrola Renewables	Iberdrola Renewables	FirstEnergy Solutions 100 MW; American Municipal Power 52 MW; The Ohio State University 50 MW
OK	Big Smile Wind Farm at Dempsey Ridge	132.00	2.00	Gamesa	Acciona Energy	Acciona Energy	Merchant (SPP)
PA	Sandy Ridge	50.00	2.00	Gamesa	Gamesa	Algonquin Power	Merchant (PJM)
RI	Hodges Badge	0.25	0.25	Siva	Hodges Badge Company	Hodges Badge Company	Hodges Badge Company
WI	Cashton Greens	4.99	2.50	Clipper	Organic Valley Cooperative; Gundersen Lutheran Health System	Organic Valley Cooperative; Gundersen Lutheran Health System	Organic Valley Cooperative; Gundersen Lutheran Health System

Projects Online Third Quarter 2012

State	Project Name	Capacity (MW)	Turbine Rating	Turbine Manufacturer	Project Developer	Project Owner	Power Purchaser
AK	Pillar Mountain II	4.50	1.50	GE Energy	Kodiak Electric Association	Kodiak Electric Association	Kodiak Electric Association
CA	Cemex Madison	1.50	1.50	GE Energy	Foundation Windpower	Foundation Windpower	Cemex Madison Aggregate Facility
CA	Pacific Wind	142.25	2.05	REpower	EDF Renewable Energy	EDF Renewable Energy	San Diego Gas & Electric
CA	Walmart - Red Bluff	1.50	1.50	GE Energy	Foundation Windpower	Foundation Windpower	Walmart
HI	Kaheawa Wind II	21.00	1.50	GE Energy	First Wind	First Wind	Maui Electric Co.
IA	AG Land 5	1.60	1.60	GE Energy	Enevation, LLC	AG Land Energy LLC	Alliant Energy
IA	AG Land 6	1.60	1.60	GE Energy	Enevation, LLC	AG Land Energy LLC	Alliant Energy
IA	Cumberland Rose	1.60	1.60	GE Energy		Cumberland Rose Wind Energy, LLC (community-owned)	Central Iowa Power Cooperative
IA	Forward Fontanelle	1.60	1.60	GE Energy		Forward Fontanelle Power , LLC (community-owned)	City of Fontanelle, excess to Central Iowa Power Cooperative
IA	Greenfield Wind	1.60	1.60	GE Energy		Greenfield Wind Power, LLC (community-owned)	City of Greenfield, excess to Central Iowa Power Cooperative
IA	Meadow Ridge	1.60	1.60	GE Energy		Meadow Ridge Wind Energy, LLC (community-owned)	Central Iowa Power Cooperative
IA	Sky Volt	1.68	1.68	GE Energy		Sky Volt, LLC (community-owned)	City of Greenfield, excess to Central Iowa Power Cooperative
ID	Horse Butte	57.60	1.80	Vestas	Utah Associated Municipal Power	Horse Butte Wind 1 LLC	Utah Associated Municipal Power
IN	Northwestern School Corporation	0.90	0.90	PowerWind	Performance Services	Northwestern School Corporation	
KS	Ironwood I	167.90	2.30	Siemens	Infinity Wind Power/Westar	Duke Energy (50%); Sumitomo (50%)	Westar Energy
KS	Post Rock	201.00	1.50	GE Energy	Wind Capital Group	Wind Capital Group	Westar Energy
KS	Shooting Star	104.00	1.60	GE Energy	Infinity Wind Power	Exelon Wind	Sunflower Electric Power Corporation
MI	Heritage Garden	28.00	2.00	Gamesa	Heritage Sustainable Energy	Heritage Sustainable Energy	Consumers Energy (20 MW); Detroit Edison (8 MW)
NM	Wildcat Wind Project	27.30	2.10	Suzlon	Kairos Energy	Exelon Wind	Lea County Cooperative
NV	Spring Valley	151.80	2.30	Siemens	Pattern Energy	Pattern Energy	NV Energy
OH	Kenston School District	0.75	0.75	Aeronautica	Kenston School District	Kenston School District	Kenston School District

Projects Online Third Quarter 2012

State	Project Name	Capacity (MW)	Turbine Rating	Turbine Manufacturer	Project Developer	Project Owner	Power Purchaser
OK	KODE Novus I	80.00	2.00	DeWind	DeWind; Novus Windpower	KODE	Xcel Energy
OK	Rocky Ridge I	148.80	1.60	GE Energy	TradeWind Energy	Enel Green Power North America (51%); TradeWind Energy (49%)	Western Farmers Electric Cooperative
OR	Shepherds Flat (Horseshoe Bend)	207.50	2.50	GE Energy	Caithness	Caithness	Southern California Edison
OR	Shepherds Flat (South Hurlburt)	125.00	2.50	GE Energy	Caithness	Caithness	Southern California Edison
PA	Laurel Hill	69.00	2.30	Siemens	Duke Energy	Duke Energy	Delaware Municipal Electric Corp
TX	Magic Valley	201.60	1.80	Vestas	E.ON Climate & Renewables	E.ON Climate & Renewables	Merchant (ERCOT)
TX	Majestic II	79.60	1.50 + 1.60	GE Energy	NextEra Energy Resources	NextEra Energy Resources	SWEPCO

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For a spreadsheet with underlying data or with any corrections, please contact Emily Williams at ewilliams@awea.org