

EDITOR'S DESK

AUGUST 2017

Keeping an eye on the future of wind

What's the future of wind? That question, more than any other, is more than likely always on the minds of anyone and everyone who is involved in the wind industry.

It's a question I contemplate daily, and after working with many experts in the industry whose job it is to answer that question, I can say with confidence that the future of wind looks strong.

And in this special issue of *Wind Systems*, I want to share those experts' findings with you.

Every year, *Wind Systems* publishes a special Market Outlook issue where experts and insiders offer their prognostications of the industry backed up by hard facts about where we are now.

In this issue, Hannah Hunt with AWEA offers her insights on how wind power will continue to boom in the years ahead.

Anthony Logan with MAKE consulting firm looks at the eventual PTC phase out and beyond, and how it could spur unprecedented growth.

And energy writer Lisa Cohn talks with many in the industry who say that the PTC, as well as innovation in the industry, will continue to drive growth in the wind market, including O&M and jobs.

Also as part of the Market Outlook, I offer up a story about Oklahoma and its amazing success in the industry as it has just jumped up the wind energy chart to become third in the U.S. for installed energy.

But the Market Outlook is only a part of what you'll find in this issue.

Our monthly inFocus topics feature articles on lubrication and filtration, as well as turbine foundations.

Included in that section is a company profile with ExxonMobil, in which a company official discusses its breakthroughs in synthetic lubricants specifically designed for wind turbines. And in this month's Conversation, we chat with the marketing manager with Klüber Lubrication and the strides it is making in innovative solutions that save energy and resources.

There's a lot of good news and information bundled up in this issue, so enjoy it. According to the experts, wind's future — and ours — is strong.

Thanks for reading!



Kenneth Carter, editor
Wind Systems magazine
editor@windsystemsmag.com
(800) 366-2185, ext. 204



History is full of wind firsts

Courtesy of AWEA

- **1888:** Wind power is first used to generate electricity at a test lab in Cleveland, Ohio.
- **1941:** Palmer Putnam installs the world's first megawatt-sized wind turbine at Grandpa's Knob in Vermont.
- **1980:** The world's first wind farm is built at Crotched Mountain in New Hampshire, consisting of 20 turbines totaling 600 KW of installed capacity.
- **1981:** The first utility-scale wind farm is built in California.
- **1983:** Iowa passes the country's first renewable portfolio standard.

The American Wind Energy Association (AWEA) is the premier national trade association that represents the



interests of America's wind energy industry. For more information, go to www.awea.org

WIND TURBINE TECHNICIAN ACADEMY

Competency-based, hands-on training
Industry-guided skill assessments
Industry tools and equipment
ENSA GWO Certified Safety Training

Change your life and your world.

Kalamazoo**VALLEY**[™]
community college
269.353.1253
www.kvcc.edu/wind



Located in the **Heart** of The Wind Corridor



ELK CITY, OKLAHOMA!



Grow with us in our 3rd Industrial Park

130 Acre
Big Elk Industrial Park



On Interstate 40 and Historic Route 66