

# EDITOR'S DESK

FEBRUARY 2017

## Services Keep Turbines Turning

February can sometimes be an odd month.

It can never make up its mind how many days it wants to have in it.

It's usually cold.

And if you're single, Valentine's Day can be a real bummer.

But for the February issue of *Wind Systems*, you'll find some stories that will hopefully make the second month of 2017 feel as short as it is.

With a focus on operations and turbine maintenance, we've rounded up some articles that are both informative and interesting.

Starting with our company profile, we shine a spotlight on Shermco Industries.

The company, which has been around for more than 40 years, has made strides in helping wind-project owners reduce their overall costs, and in the article, officials discuss their philosophy in how they make that a part of their everyday routine.

Making sure turbines are always working properly is an ongoing concern with wind projects. With all those moving parts, there are a lot of components that have to be kept in check.

That's why turbine inspections are important.

In this month's Conversation, we talk with Steven Elrod, general manager with BS Rotor Technic USA. Elrod fills us in on how BS Rotor uses its technical knowledge and expertise to service and repair wind-turbine blades. Part of that expertise deals with inspections.

Also as part of inFocus, Thomas Arnold, with TÜV SÜD Industrie Service GmbH, shares his insights into the advantages of standardizing how data is processed and distributed.

Outside of this month's inFocus topics, Crosswinds offers up a fascinating article on research being done on using material derived from plant fibers that will help make wind turbines not only lighter, but more ecologically sound.

With the Department of Energy recently announcing that American wind jobs have hit the 100,000 mark, it's exciting to see advances and research in the wind industry continue to soar.

There's still no sign of the wind industry slowing down in the coming months and years, and the strides that continue to be made are a solid indicator of that constant growth.

So, bundle up this February and reflect on the good fortunes of a burgeoning wind industry. And if you didn't get any Valentine's candy, just remember it's half price on the 15th.

Thanks for reading!



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A stylized, handwritten signature in black ink that reads "Kenneth Carter". The signature is fluid and cursive, with the first and last names being more prominent.



## More States Taking Advantage of Wind

Courtesy of AWEA

- Over the last 12 months, both Iowa and Kansas have generated more than 30 percent of their electricity using wind.
- North Dakota, South Dakota, and Oklahoma all created at least 20 percent of their electricity with wind over the past 12 months.
- Overall, 13 states used wind to generate at least 10 percent of their electricity.
- There's enough installed wind capacity in the U.S. to power 20 million homes.
- Wind is on track to provide 10 percent of U.S. electricity by 2020 and 20 percent by 2030.

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](http://www.awea.org)



*Giving Wind Direction*

# WIND SYSTEMS

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