

EDITOR'S DESK

FEBRUARY 2018

February introduces a new feature

One month already down for 2018, and we're knee deep in the month that celebrates dead presidents, candy hearts, and Moon-Pies (trust me, that joke kills in the southern United States).

A lot of *Wind Systems*' nuts-and-bolts revolve around operations, and this month's issue focuses on that as well as turbine maintenance.

To help, we've got quite the array of articles dealing with these topics.

An article from Oerlikon addresses how to extend the life of wind-turbine components. An expert with Campbell Scientific reveals the best practices for cold weather wind energy. Globecore shares its insights on changing oil in turbine gearboxes. And finally, experts with AeroTorque complete their two-part series on torque loading.

Turbine maintenance has been getting a boost in newer turbines as many of the bigger models now come with elevators installed. That extra equipment means that it must be maintained under specific guidelines. In this month's company profile, we talk with an official from the Elevator Industry Work Preservation Fund. This organization exists to ensure that work done on elevators is done as safely as possible.

In our Conversation feature, an official with AMSOIL shares his company's insights on creating some of the best lubricants used by the industry.

In addition to our regular features, I am pleased to introduce a new one: Experts with New Energy Update will be contributing a monthly article about the direction of the industry. The inaugural feature explores how one energy company is optimizing wind resources and site performance by boosting trust between legal, safety, and operations. It's a fascinating piece with a lot of insight into the work being undertaken to reduce internal friction.

I suspect you will see a lot more from *Wind Systems* as the year goes on. We are constantly working with companies and other organizations within the industry to better serve you and bring you valuable information about where wind is headed.

Consider this month just a taste of what's to come, so please enjoy this month's issue. And, as always, thanks for reading!



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Wind made business inroads in 2017

Courtesy of AWEA

- About half of new U.S. utility-scale electric generating capacity came from renewable sources in 2017, according to the Energy Information Administration.
- Worldwide renewable energy investments exceeded \$333 billion in 2017.
- Notable corporate wind deals from 2017 included purchases by Google, GM, Facebook, Apple, Anheuser-Busch, General Mills, and Target.
- BART, San Francisco's rapid transit system, inked wind and solar PPAs in 2017 that will make it America's first renewable-powered public transit system.
- Google predicted it would run on 100-percent renewables by the end of last year, with 95 percent of its power coming from wind.

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



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