



2019 RENEW WISCONSIN Annual Summit

Scaling Up for the Job Ahead

Breakout Panel: Utility Scale Solar and Wind

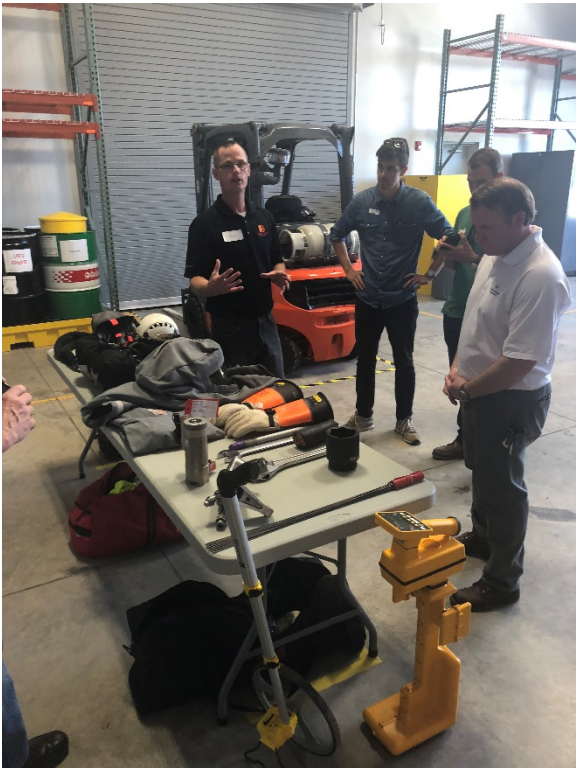
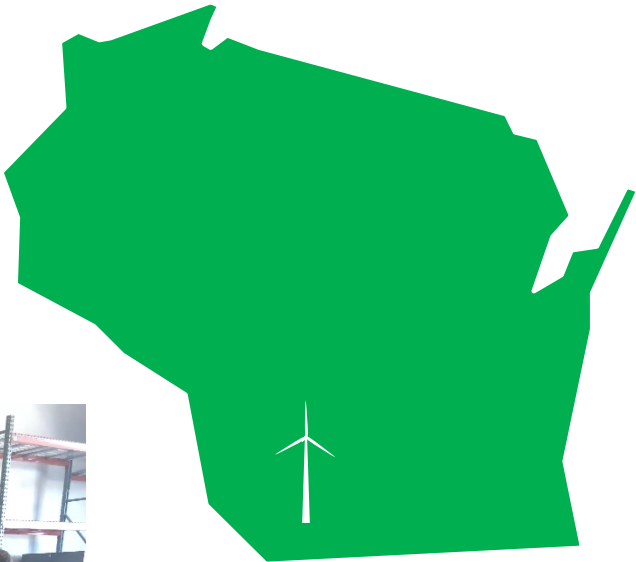


EDP Renewables North America

50 projects/5,600 MW in North America



Quilt Block Wind Farm



Tradewind Story

OPERATING/CONSTRUCTION
WIND AND SOLAR PORTFOLIO

6

States where
Tradewind is present

27

U.S. wind and solar projects
operating/construction

\$5.6B

Total capital
investments to-date

1M

Equivalent to powering
1M U.S. homes

IN DEVELOPMENT
WIND AND SOLAR PORTFOLIO

26

States where
Tradewind is present

106

U.S. wind and solar projects
in development

\$24.3B

Potential total
capital investments

5M

Equivalent to potentially
powering 4.6M U.S. homes

2012

Outstanding
Commercial
Achievement Award
from AWEA

2013

Kansas Governor's
Energy Achievement
Award

2017

1.2 GW of
wind projects
reached COD

2018

Named #1
utility-scale
wind developer in
U.S. for 2017
by AWEA



Founded
in 2003



U.S. Based Company
Lenexa, KS Headquarters



140 Full-Time
Employees



Tradewind Portfolio

Wind Projects

In Development 41

Operational/Contracted (Tradewind Developed) 19

Solar Projects

In Development 65

Operational/Contracted (Tradewind Developed) 8





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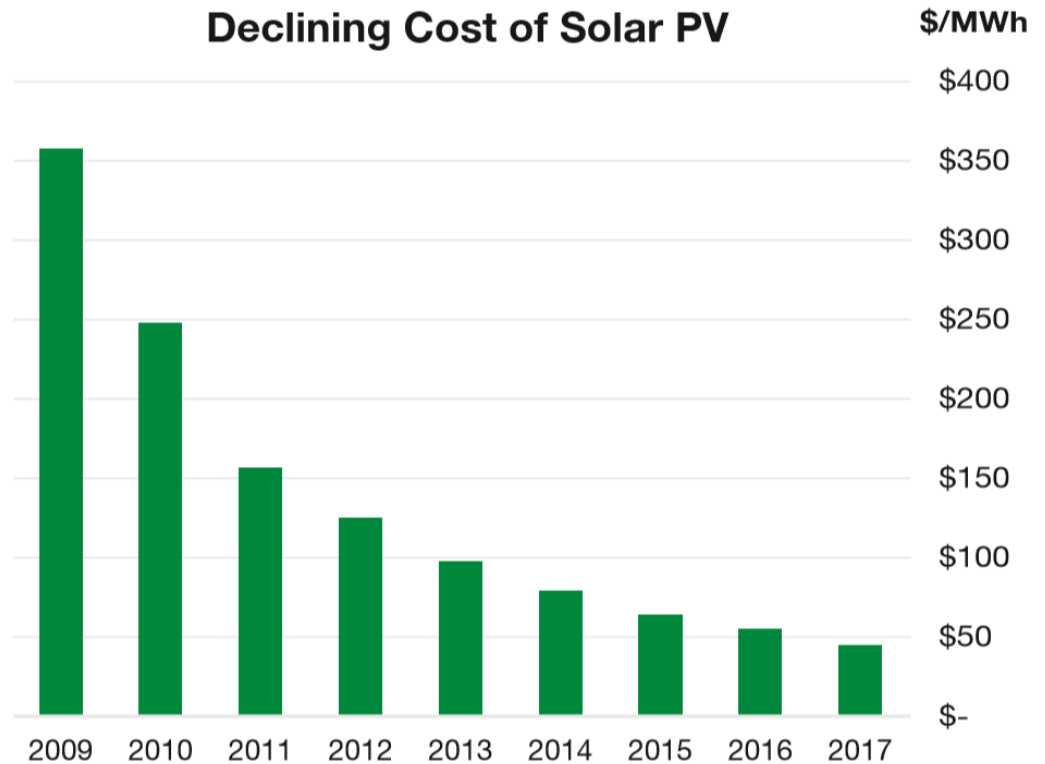
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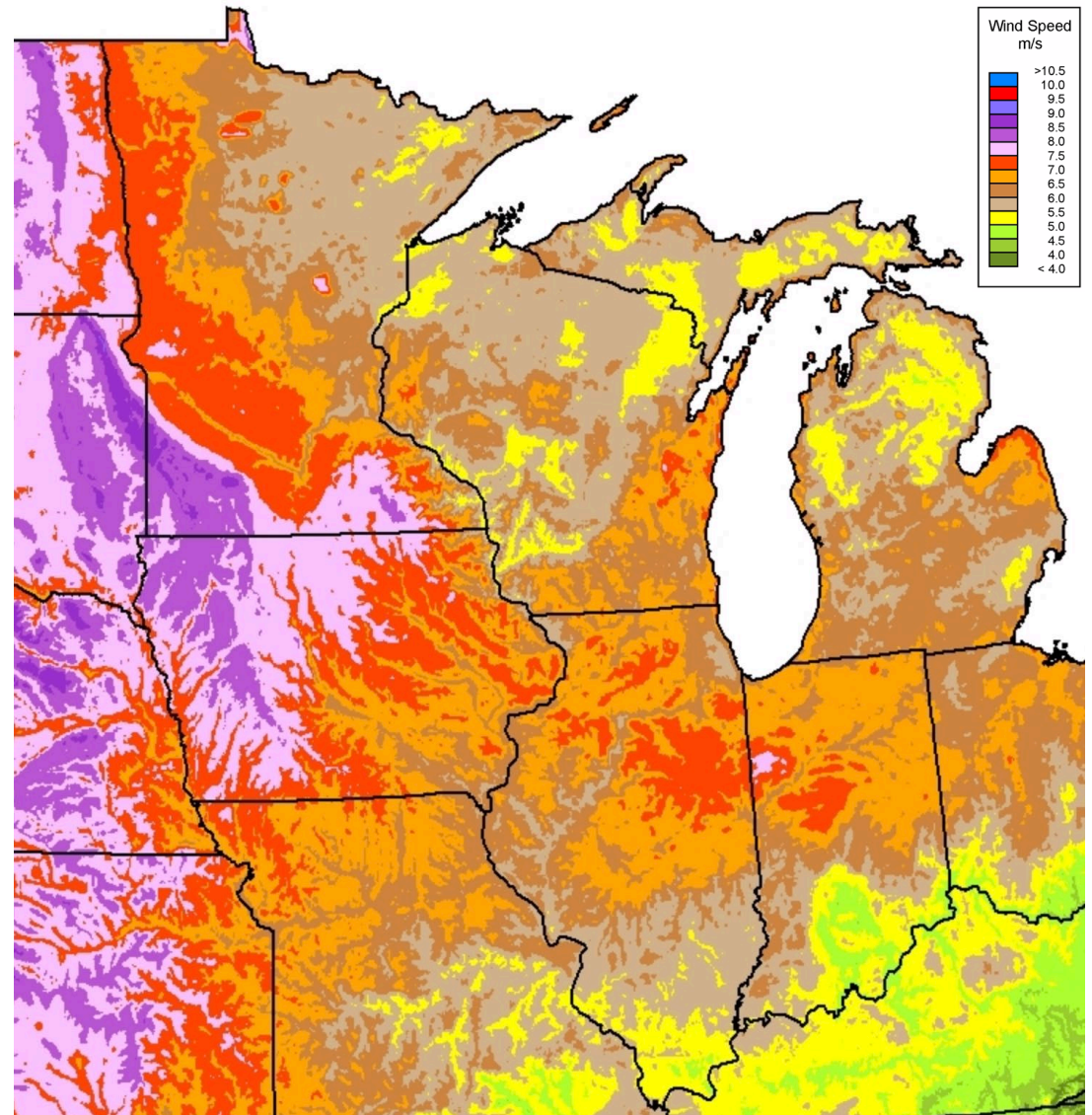
Invenergy

Solar Costs Continue To Come Down



Source: Lazard Report, 2017

Regional Wind Resource



Ground Cover

- Builds soil
- Reduces stormwater runoff
- Improves downstream water quality
- Pollinator habitat
- Grazing?



From left to right, the plants depicted are turf grass, corn, soybeans, a selection of native prairie grasses and forbs, and a solar racking system depicted in a 2x1 portrait configuration. Scale is in feet. The racking system foundation will go below grade, but a final depth has not yet been determined so it is omitted from this illustrative figure.

Fit With Farming

“We produce too much now. I don’t know why taxpayers should be paying to idle land when you can idle it through business.”

“We need to be taking steps to get away from coal-fired power ... this is my small opportunity to be a participant.”

-Ken Wunderlin, Badger Hollow Landowner

