

TODAY'S TOP TRENDS IN RENEWABLE ENERGY

AARON ANDERSON

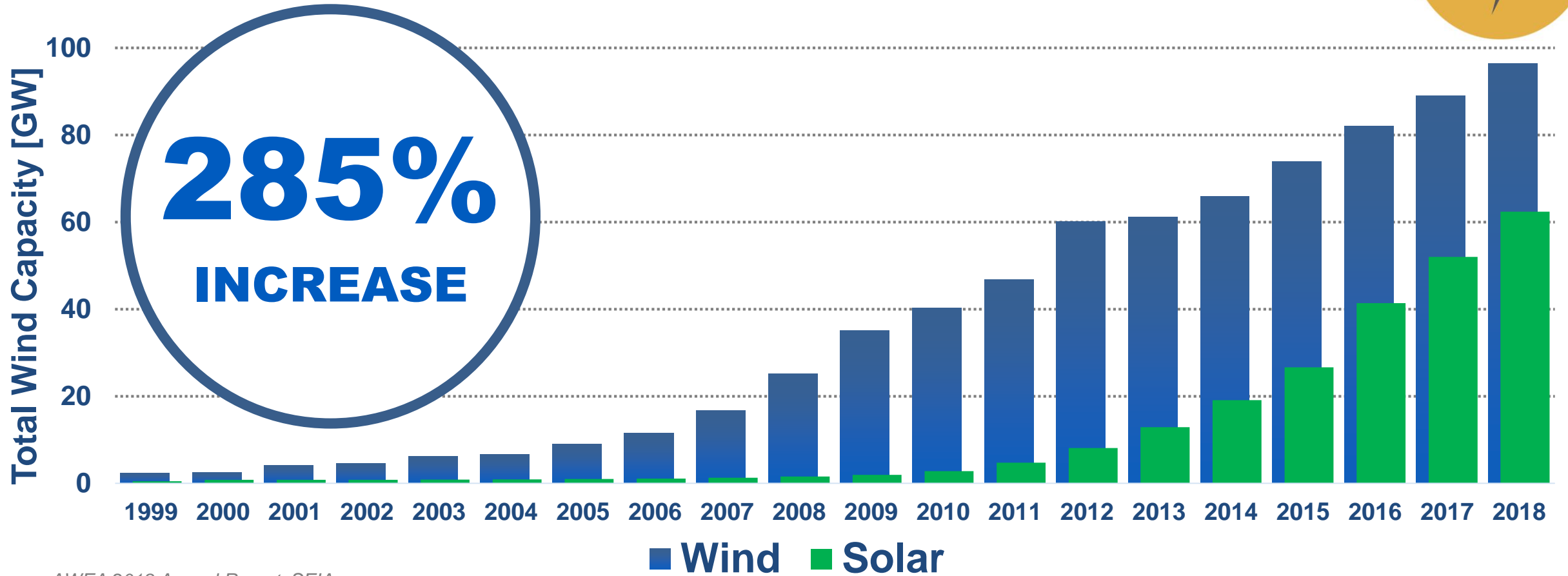
Burns & McDonnell





Trend 1: More Power!

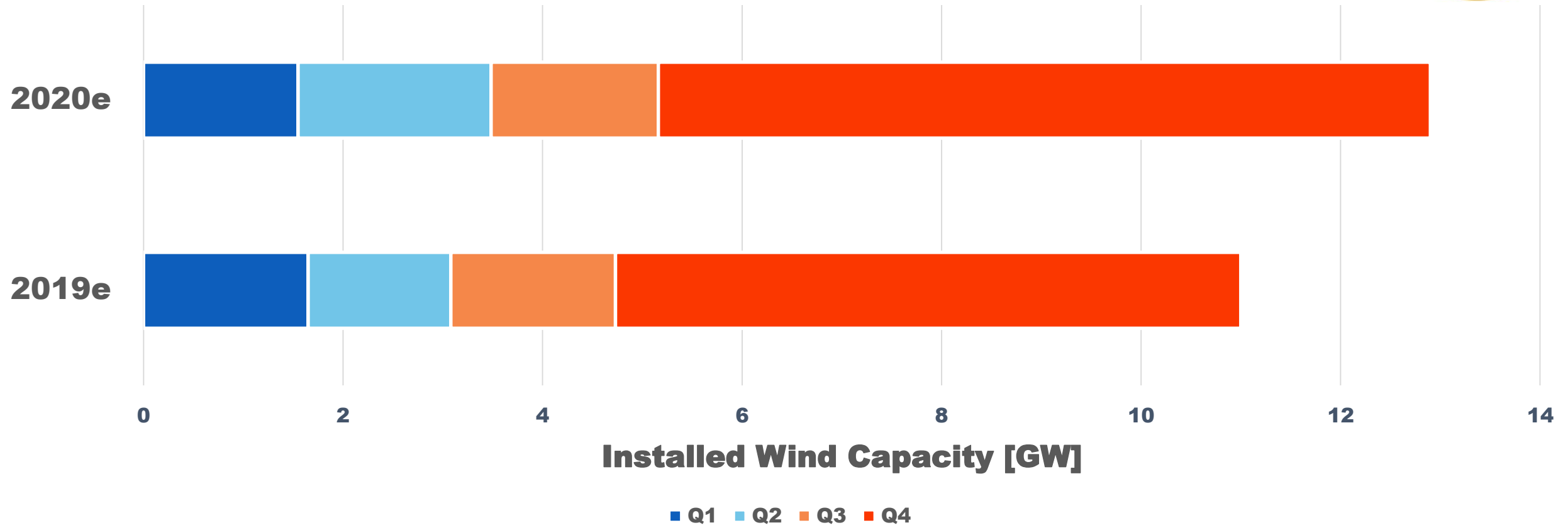
Global Wind / Solar Market



Source: AWEA 2018 Annual Report; SEIA

WILDLIFE & ENERGY
INTERACTION SYMPOSIUM

We'll Sleep in 2021...





Trend 2: Watt About Storage?

Plummeting Battery Pricing



Source: BloombergNEF

WILDLIFE & ENERGY

INTERACTION SYMPOSIUM



Trend 3: Repowering - Wind's Second Act

What is a Repower Anyways?



Full Repower



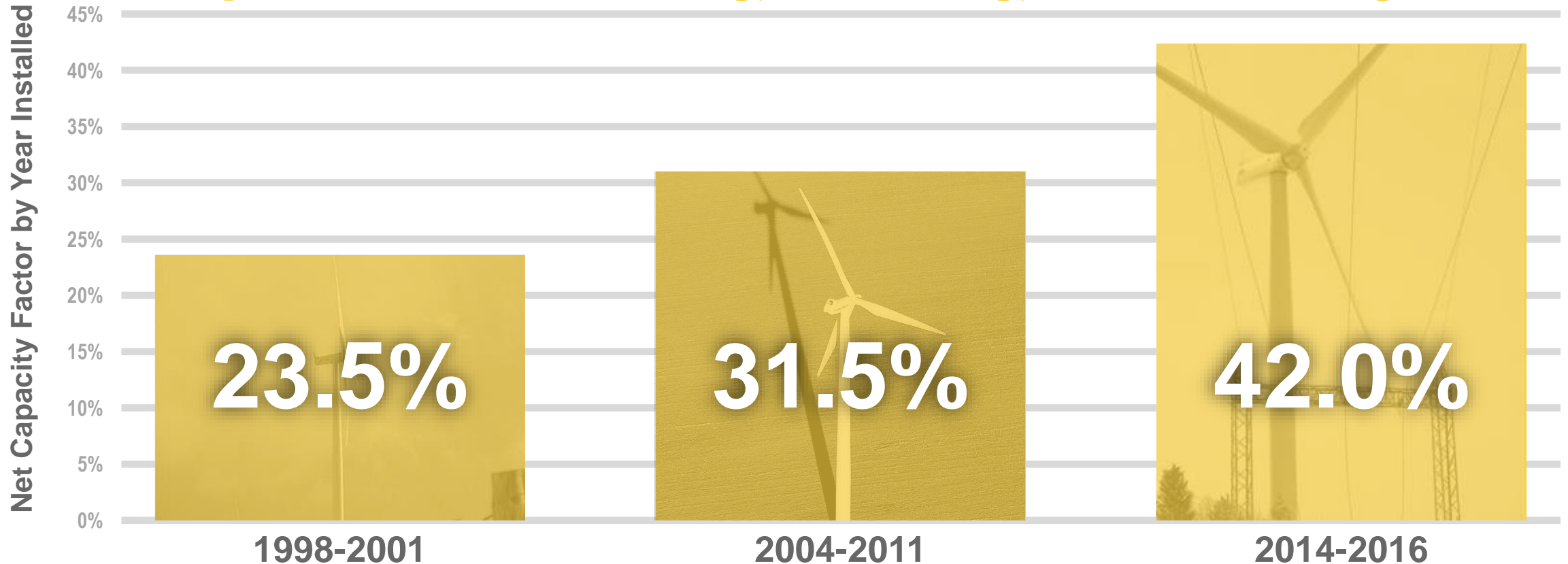
Partial Repower



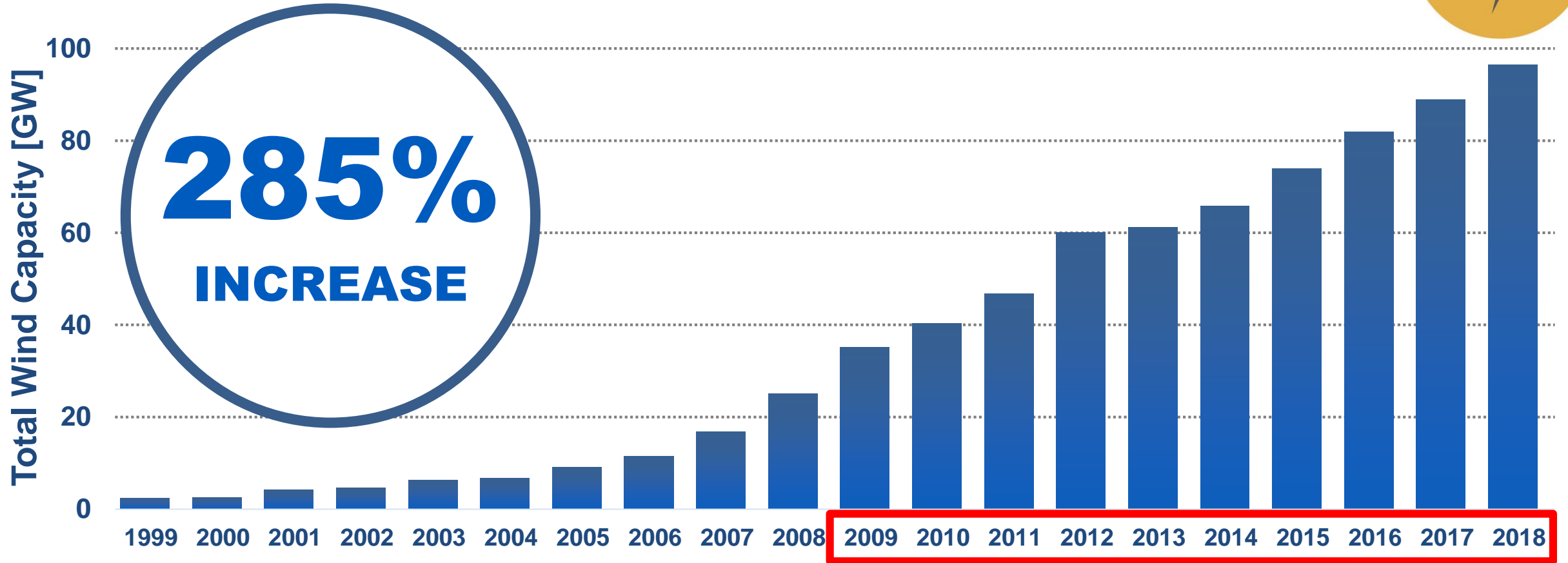
Why Repower?



Improvements in efficiency, availability, and/or reliability



Where is the Repower Market?



Source: AWEA 2018 Annual Report

Questions



Aaron Anderson, PE

Burns & McDonnell Engineering Company

(816) 823-6226

aanderson@burnsmcd.com

WILDLIFE & ENERGY

INTERACTION SYMPOSIUM