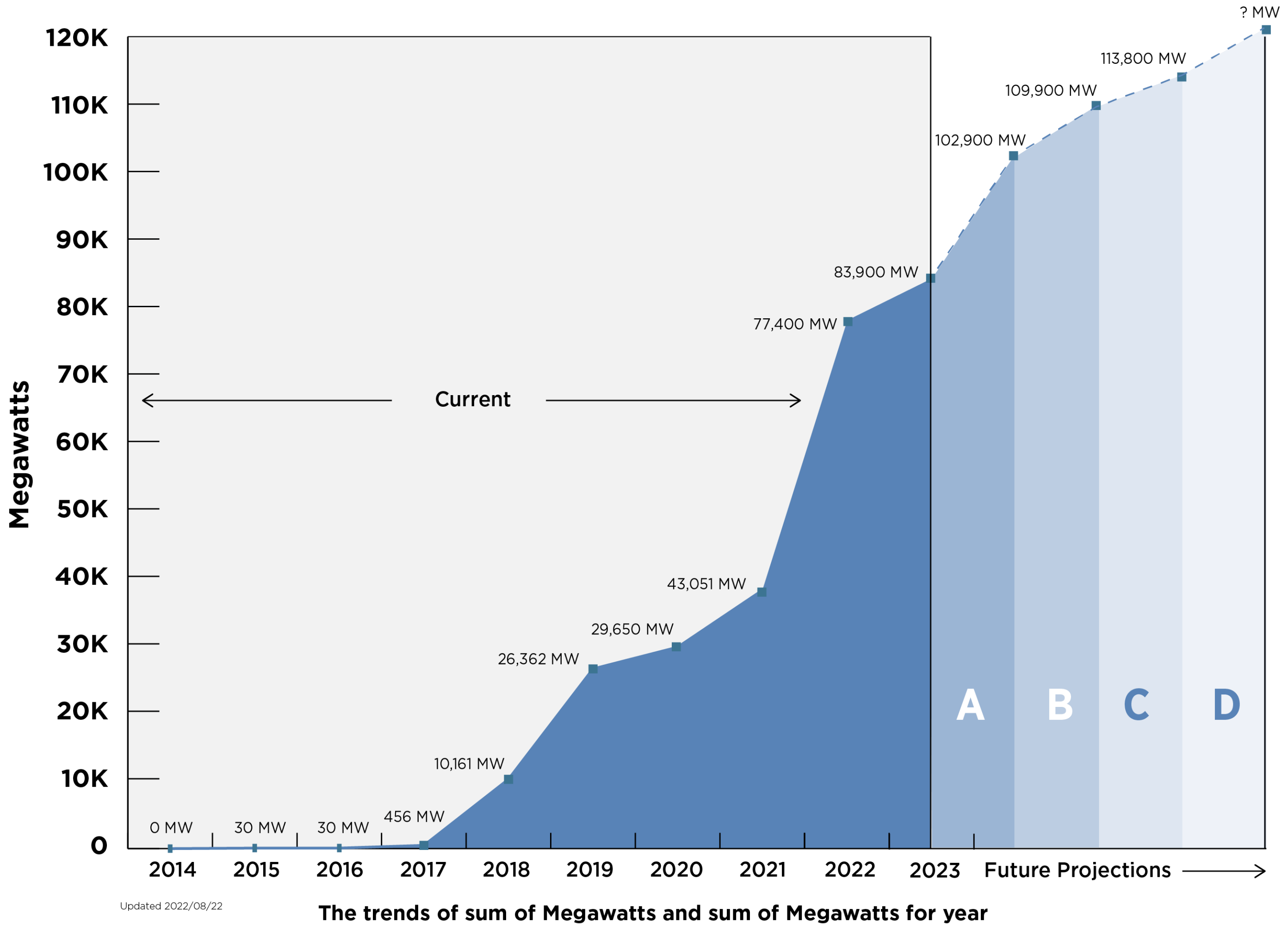
BUSINESS NETWORK *for* OFFSHORE WIND

Projected Future Offshore Wind Demand



Projections Legend

A **Expansion of Current State Planning Goals**
19,000 MW estimated

B **Expansion into New States (DE, NH, ME, WA, HI)**
7,000 MW estimated

C **Residual Gulf of Mexico Capacity**
3,900 MW

D **Demand from EVs, GH, Corporate PPAs**
? MW

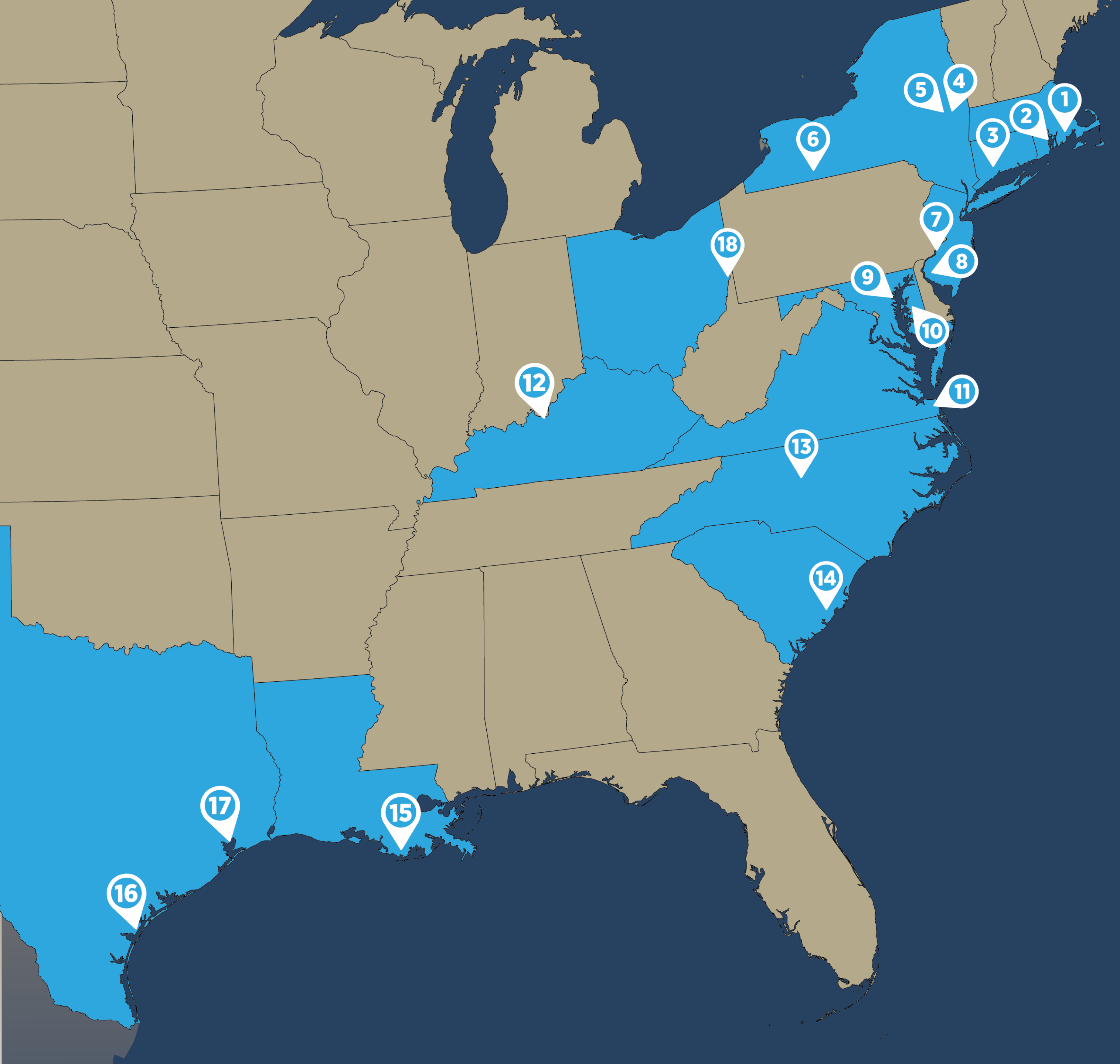
Scaling OSW Challenges

Supply Chain Scarcity

An overview of current capacity compared with needed capacity to meet 2030 targets globally, excluding China

CATEGORY	CURRENT CAPACITY	CAPACITY NEEDED
Turbines	**700** units/year	**Up to 1,300** units/year **(x2)**
Foundations *(Fixed-bottom)*	**Up to 300** units/year	**Up to 1,200** units/year **(x4)**
Foundations *(Floating)*	**Up to 10** units/year	**Up to 100** units/year **(x10)**
Vessels *(Installations, cable)*	**68** in operation	**Up to 124** in operation **(x2)**
Substations *(Fixed-bottom, HVDC, floating)*	**9 HVAC OSSs** installed in 2022 *(8 HVDC stations installed YTD)* *(0 floating stations installed YTD)*	**50 HVAC OSSs** installed by 2030 **(x5)** *(27 HVDC stations installed by 2030)* *(21 floating stations installed by 2030)*

Source: *Sven Utermöhlen, CEO Offshore Wind, RWE Renewables*



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BUSINESS NETWORK FOR OFFSHORE WIND

U.S. OFFSHORE WIND

COMPONENT MANUFACTURING

1 Cables / *Brayton Point, MA*

2 Foundation Components / *Providence, RI*

3 Cables / *Bristol, CT*

4 Tower & Transition Pieces / *Albany, NY*

5 Secondary Steel / *Port of Coeymans, NY*

6 Secondary Steel / *Wellsville, NY*

7 Monopiles / *Paulsboro, NJ*

8 Nacelles / *Alloways Creek, NJ*

9 Tower, Monopile, Cables / *Baltimore, MD*

10 Secondary Steel / *Federalsburg, MD*

11 Blades / *Portsmouth, VA*

12 Heavy Plate Steel/ *Brandenburg, KY*

13 Cables / *Huntersville, NC*

14 Cables / *Charleston, SC*

15 Jacket Foundations / *Houma, LA*

16 Offshore Substation / *Ingleside, TX*

17 Plate Steel / *Baytown, TX*

18 Steel Slabs / *Mingo Junction, OH*

30 GW by 2030: Investments Needed

$3.5B
WIND TURBINES

$3B
STEEL PLATES

$1.8B
ELECTRICAL COMPONENTS

$1.3B
SUBSTRUCTURES

$3.5B
INSTALLATION VESSELS

$8B
PORTS

$1.3B
OTHER COMPONENTS

Source: NREL

Biden Administration Actions + **Infrastructure Investment & Jobs Act** + **Inflation Reduction Act** =

National Offshore Wind Industrial Strategy

Building Market Certainty and Targeting Investments in Supply Chain & Infrastructure

Two Tax Credits Working to Incentive Domestic Content

Advanced Energy Manufacturing Production Credit (45X)

Beginning Phase Out 2029

Based on wattage of final product:

- Blades: 2 cents
- Nacelles: 5 cents
- Towers: 3 cents
- Fixed Foundations: 2 cents
- Floating Foundations: 4 cents

Developer PTC & ITC (45Y & 48E)

Phase Out in 2032

30% Investment Tax Credit:

Domestic Content "Bonus" 10% Credit

- Jackets and Towers are 100% U.S. Steel
- Remaining component aggregate is 20% (today) to 55% (2028)

Energy Community "Bonus" 10% Credit

- Focused on former coal plants or mines

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