US Wind
MARYLAND OFFSHORE WINDFARM PROJECT
Ratepayer Relief, New Jobs, New Industry

Maryland Offshore Wind Project Description

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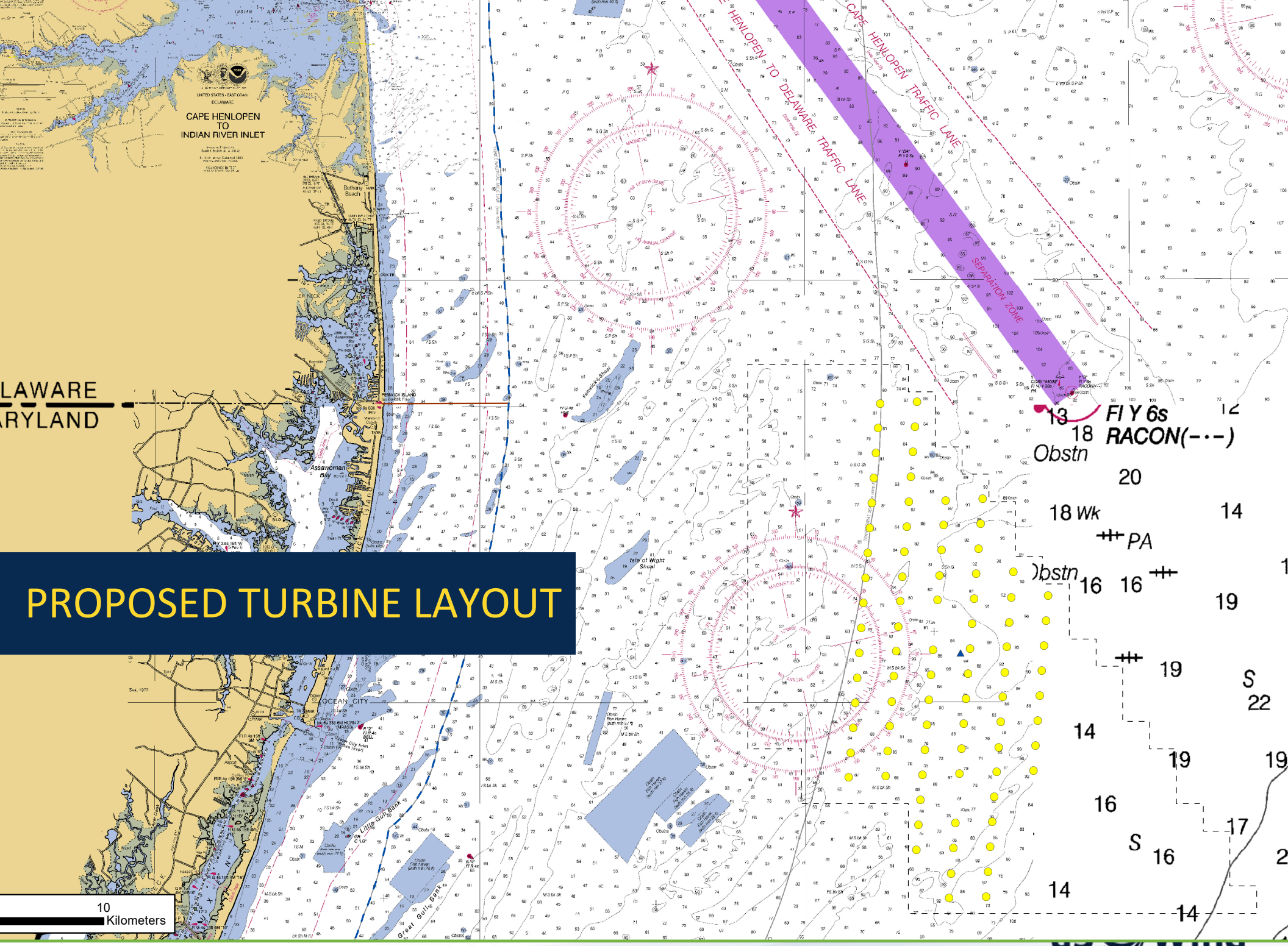
Federal lease Area of MARYLAND WIND ENERGY AREA (WEA) 80,000 Acres

PROPOSED TURBINE LAYOUT



Maryland Offshore Wind Energy Project

Offshore Maryland

Legend

Turbine (Alstom Haliade 150 6MW)

32 Turbines at 8.4MW each at 17 miles from Ocean City Pier, Maryland

Ratepayer Impacts and Pricing Award in Maryland

In May of 2017, the Maryland Public Service Commission awarded to USWind, Inc (one of two companies receiving a combined 368MW of OREC awards):

- a levelized price of $131.93 per megawatt-hour (MWh) for a term of 20 years, beginning in January 2021 for U.S. Wind
- the net ratepayer bill impacts associated with the Commission's approval are projected to be less than $1.40 per month for residential customers($.94 for the USWind project) and less than a 1.4 percent impact on the annual bills of commercial and industrial (C&I) customers (.95% for the US Wind project).

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Design Criteria Elements of US Wind, Inc's Project

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Foundation Types

Monopile

Standard Jacket

Twisted jacket

Jacket Foundation – 3D

Foundation – 4 legged steel jacket supported by steel piles

Dimensions of foundations – square configuration with 22m spacing between piles

Total Height of the Hub is 432 feet

Maximum Height including the blades is 647 feet

Thickness of wall – 40 mm

Pile circumference – 5.65m

Max pile Length – 50m

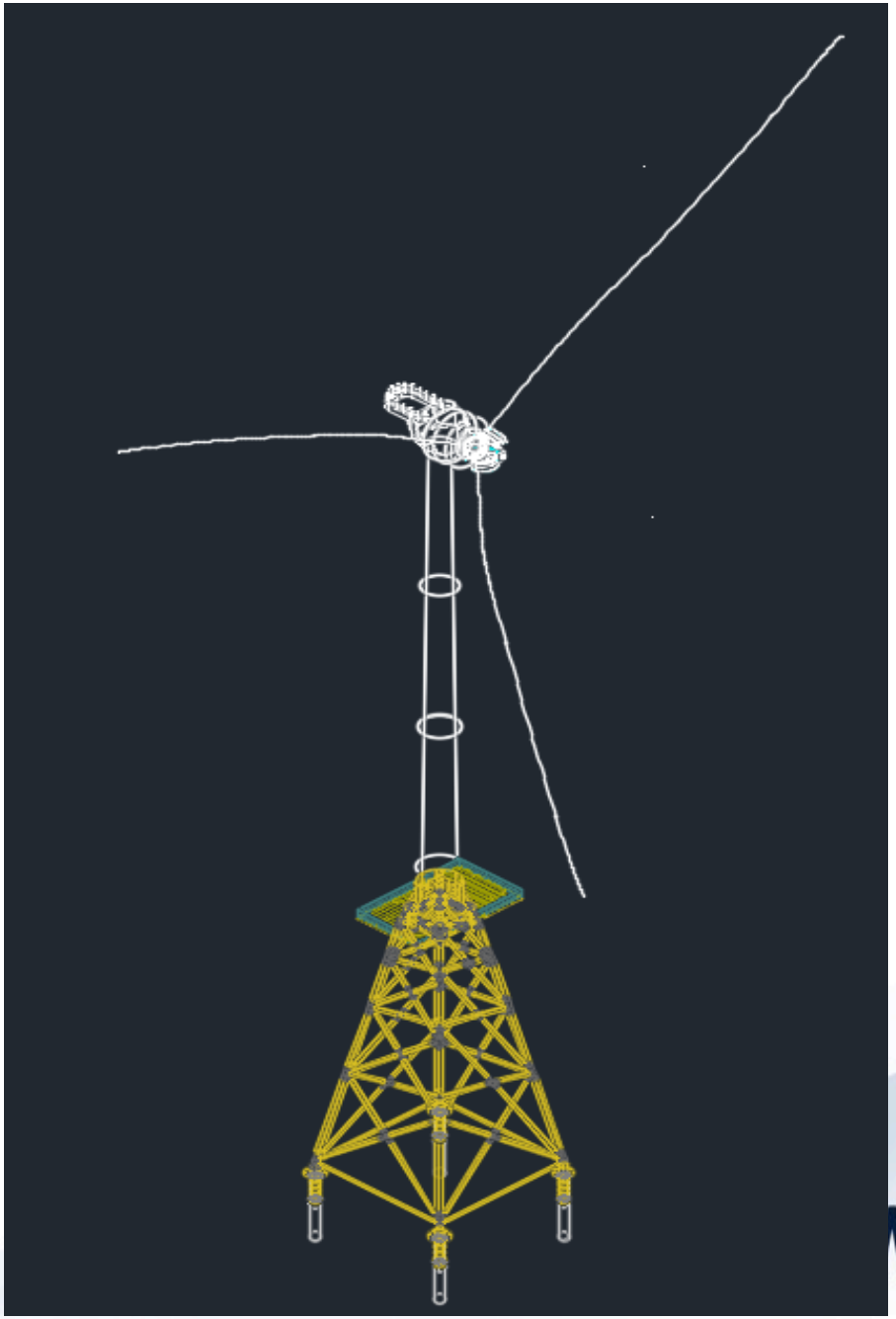
Max Penetration into Seabed – 50m

Each pile has 2 segments

Jacket weight - 409 t

Connection element weight – 129 t

Piles weight – 259 t



US Wind

1 North Charles Street, Suite 2310 • Baltimore, MD 21201

www.uswindinc.com

PAUL RICH

Director of Project Development

(443) 467-2685

p.rich@uswindinc.com.com