

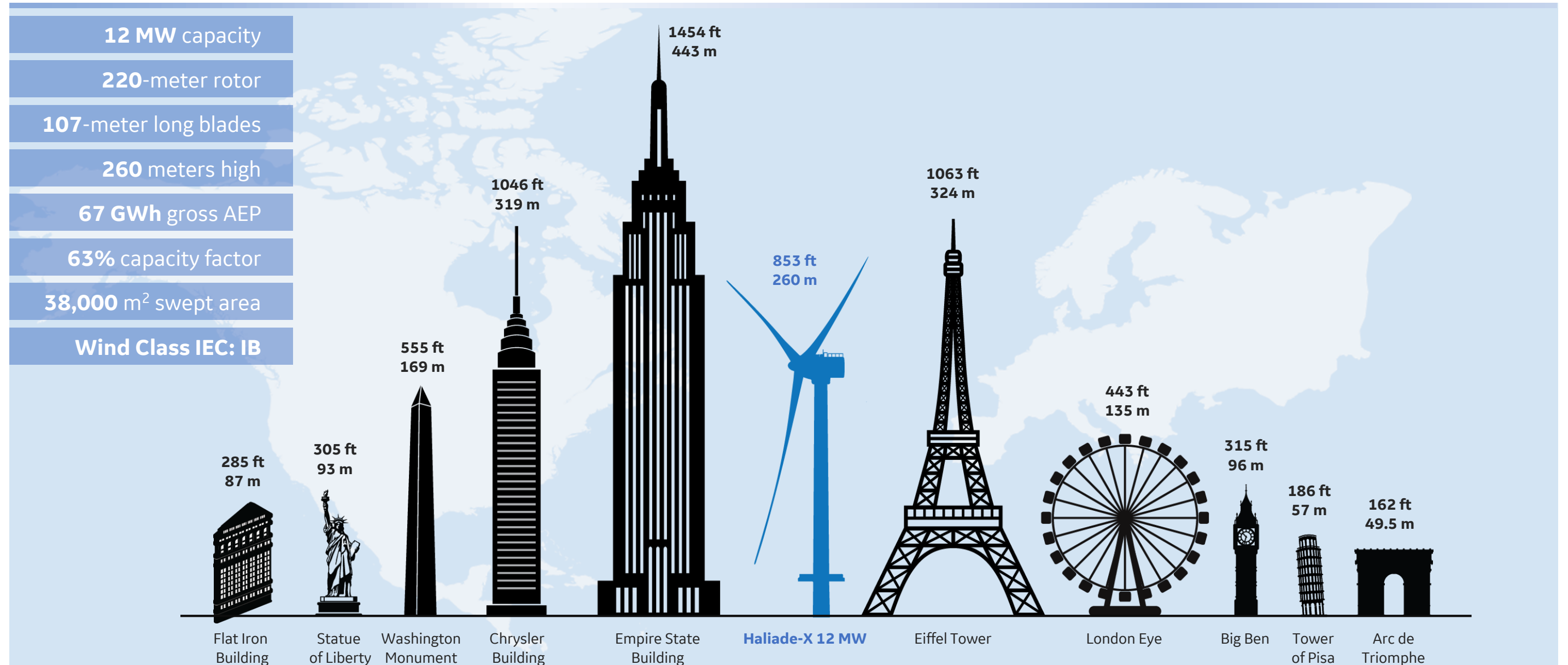
# HALIADE-X 12 MW



GE Renewable Energy is developing **Haliade-X 12 MW**, the biggest offshore wind turbine in the world, with **220-meter rotor**, **107-meter blade**, leading capacity factor (**63%**), and **digital capabilities**, that will help our customers find success in an increasingly competitive environment.

One **Haliade-X 12 MW** can generate **67 GWh annually**, which is **45% more** annual energy production (AEP) than most powerful machines on the market today, and twice as much as the Haliade 150-6MW.

The **Haliade-X 12 MW** turbine will generate enough clean power for up to **16,000** European households per turbine, and up to **1 million** European households in a 750 MW configuration windfarm.



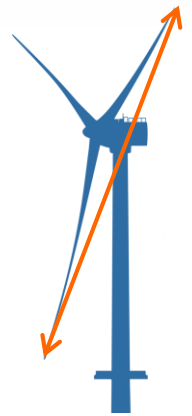


## HEIGHT

TOTAL HEIGHT OF THE HALIADE-X

**853 ft / 260 m**

equivalent to **3X** the height of the **Flat Iron Building**



## DIAMETER

OF THE ROTOR

**722 ft / 220 m**

equivalent to **Golden Gate Bridge** tower height above the water



## SURFACE

OF THE BLADE SWEEP

**410,000 sq ft**

**38,000 m<sup>2</sup>**

equivalent to **7 American football fields**



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THE HALIADE-X 12 MW WILL GENERATE ENOUGH CLEAN POWER FOR UP TO

**16,000** European households per turbine, and up to **1 MILLION** European households in a 750 MW configuration windfarm





**12 MW** capacity

**220-meter** rotor

**107-meter** long blades

**260 meters** high

**67 GWh** gross AEP

**63%** capacity factor

**38,000 m<sup>2</sup>** swept area

**Wind Class IEC: IB**

Generates **double the energy** as previous **GE Haliade model**

Generates almost **45% more energy** than most powerful wind turbine available on the market today

Will generate enough clean power for up to **16,000** European households per turbine, and up to **1 million** European households in a 750 MW configuration windfarm

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