



MASSACHUSETTS
**DEPARTMENT OF
ENERGY RESOURCES**

Building New Supply

**Options to Overcome Barriers to Essential
Wind Energy Deployment**

Procuring wind for Massachusetts

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MA Solicitations for Wind Projects



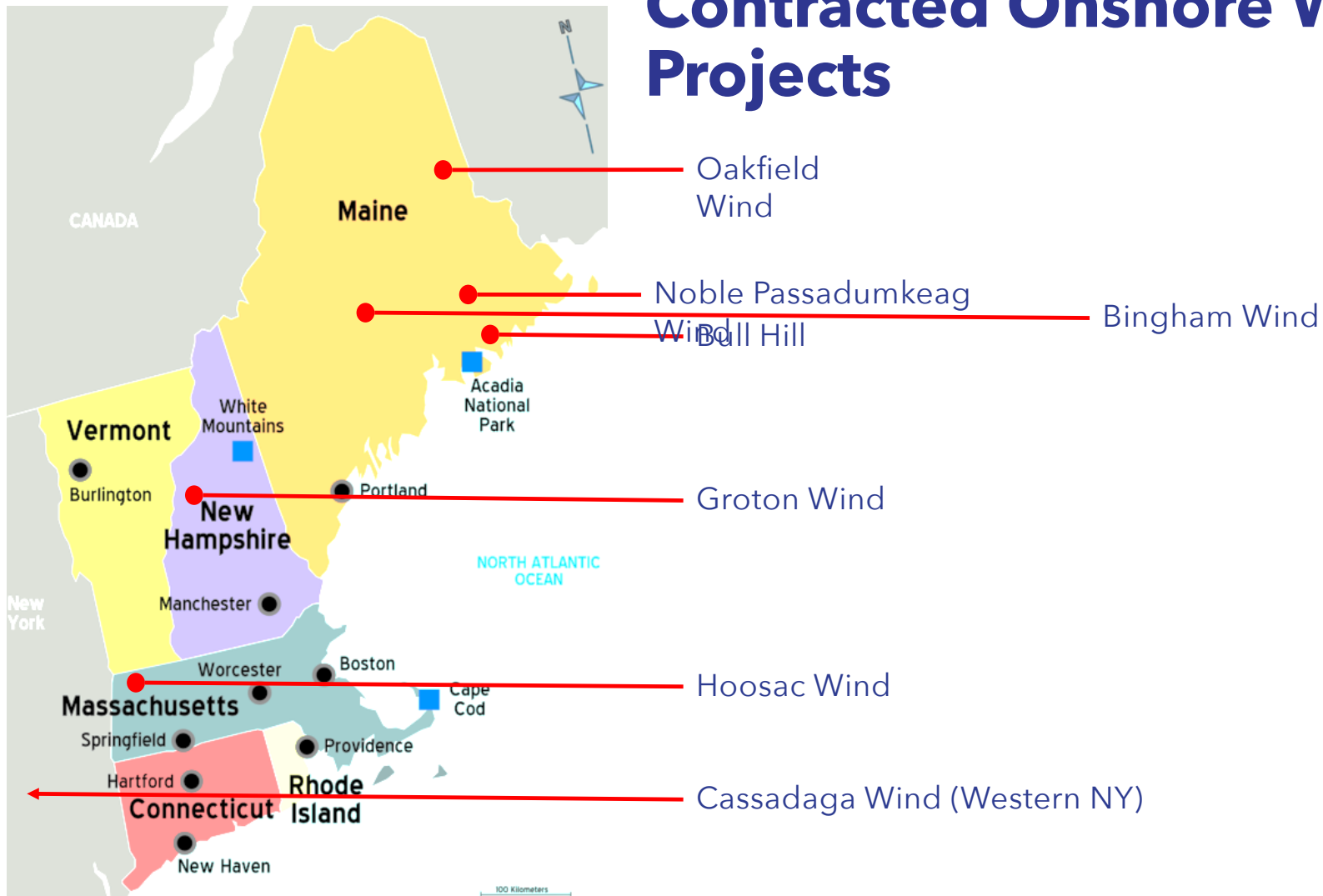
8 projects
under contract for a total
of
1,286 MW

New England has roughly
1,700 MW of installed
wind capacity

MA Contracts for Wind Projects

Solicitation	Project (Company)	Capacity (MW)	Contract length (years)	Commercial Operation Year
83	Hoosac Wind (Iberdrola)	28.5	10	2012
83	Bull Hill (First Wind)	32.4	15	2012
83	Noble Passadumkeag Wind (Noble Passadumkeag, LLC)	37.5	15	2016
83A	Groton Wind (Iberdrola)	48	10	2012
83A	Oakfield Wind (First Wind)	147.6	15	2015
83A	Bingham Wind (First Wind)	186	15	2016
83A	Cassadaga Wind (Cassadaga Wind, LLC)	126	20	2021
83C Round I	Vineyard Wind 1 (Vineyard Offshore)	806	20	Expected 2025
83C Round II	Mayflower Wind (Ocean Winds)	804	Terminated	
83C Round III	Commonwealth Wind (Avangrid)	1,200	Terminated	
83C Round III	Mayflower Wind (Ocean Winds)	405	Terminated	
83C Round IV	SouthCoast Wind (Ocean Winds)	1,087	Under negotiations	
83C Round IV	New England Wind 1 (Avangrid)	791	Under negotiations	

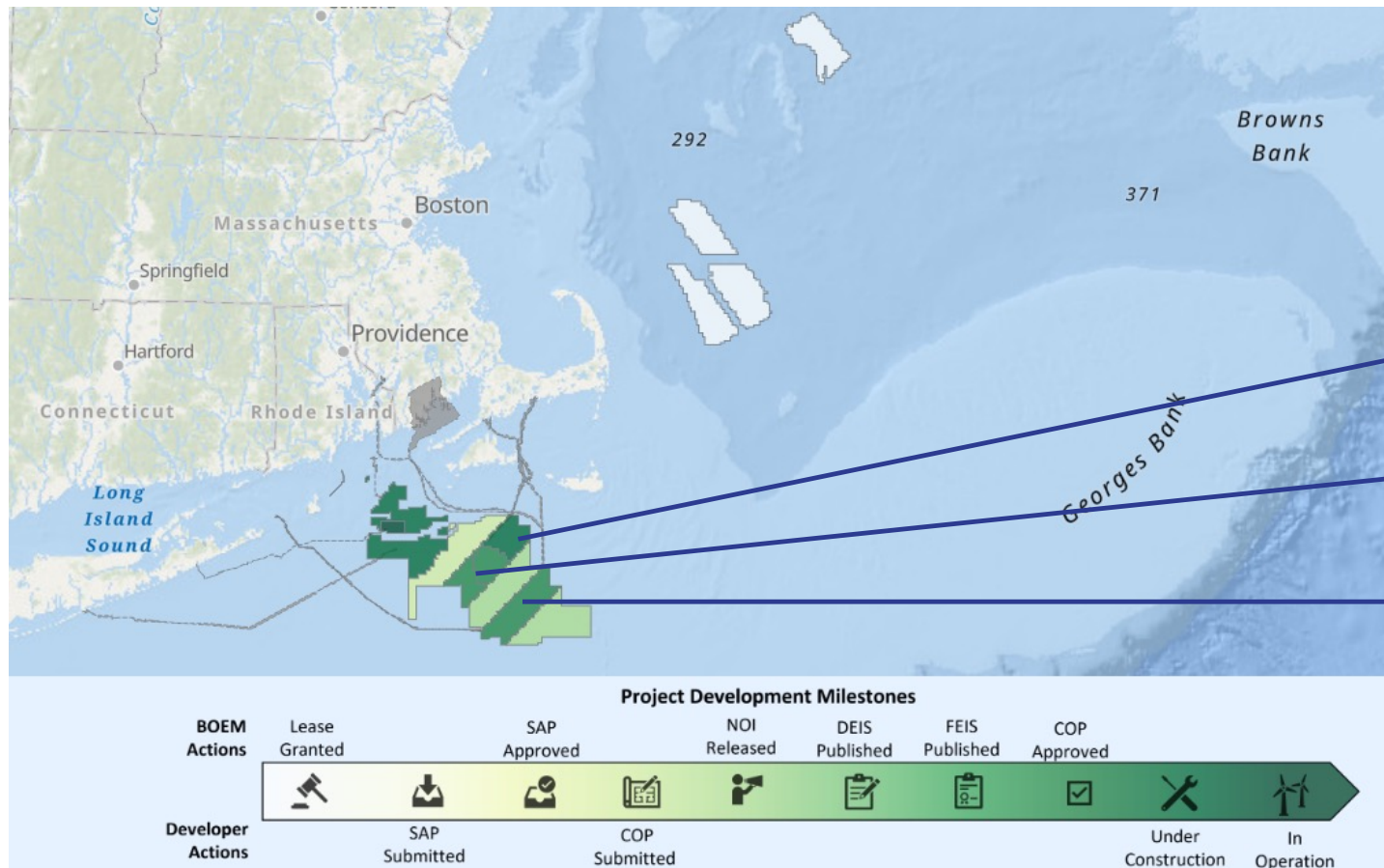
Contracted Onshore Wind Projects



Map by Nick Roux under Creative Commons: https://wikitravel.org/shared/File:Map-USA-New_England01.svg



MA Offshore Wind Projects



Vineyard Wind 1

New England Wind (fka Commonwealth Wind)

SouthCoast Wind (fka Mayflower Wind)

Map from <https://arcgis.com/experience/bbba111b6a60466eaedd4a356777193experience9/?draft=true>

Vineyard Wind 1

- America's first commercial-scale offshore wind project; currently under construction and expected to be *fully operational in 2025*.
- Will produce **806 MW** of electricity, enough to power **400,000 customers** per year.
- Anticipated savings of \$21 on monthly electric bills (about a 13% reduction).
- Total benefits for MA of \$1.4 billion over the 20-year contract.



Photo (left): Vineyard Wind, <https://www.vineyardwind.com/press-releases/2023/10/18/avangrid-cip-announce-successful-installation-of-the-first-turbine-for-vineyard-wind-1>. Photo (right): DOE.



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Thank You!