Anbaric's New York-New Jersey OceanGrid

Intergovernmental Renewable Energy Task Force Meeting on the New York Bight

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the future of electricity

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www.anbaric.com

Introduction: Anbaric's successful transmission development in NY and NJ

Anbaric is an independent offshore transmission developer.

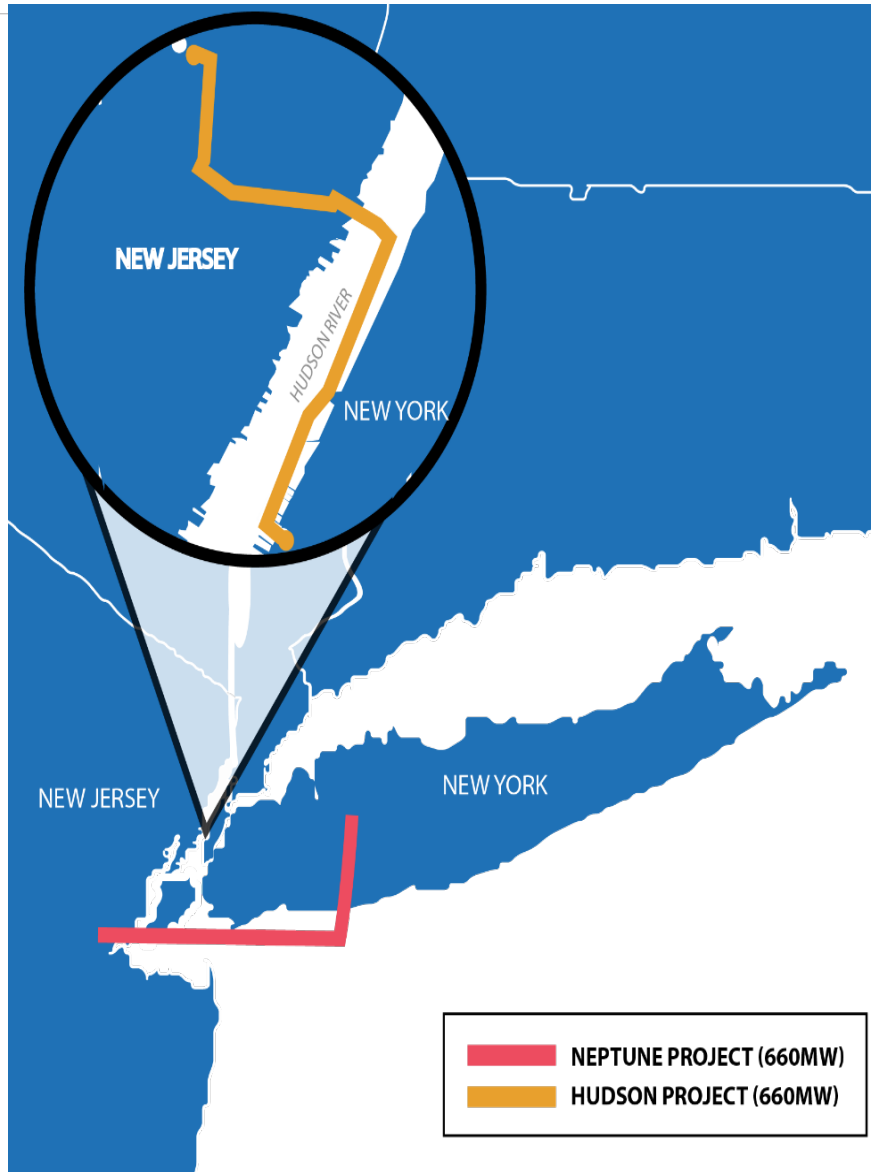
- One of only a few companies to have built subsea transmission systems with onshore interconnection in New York / New Jersey region.

Neptune Transmission Project:

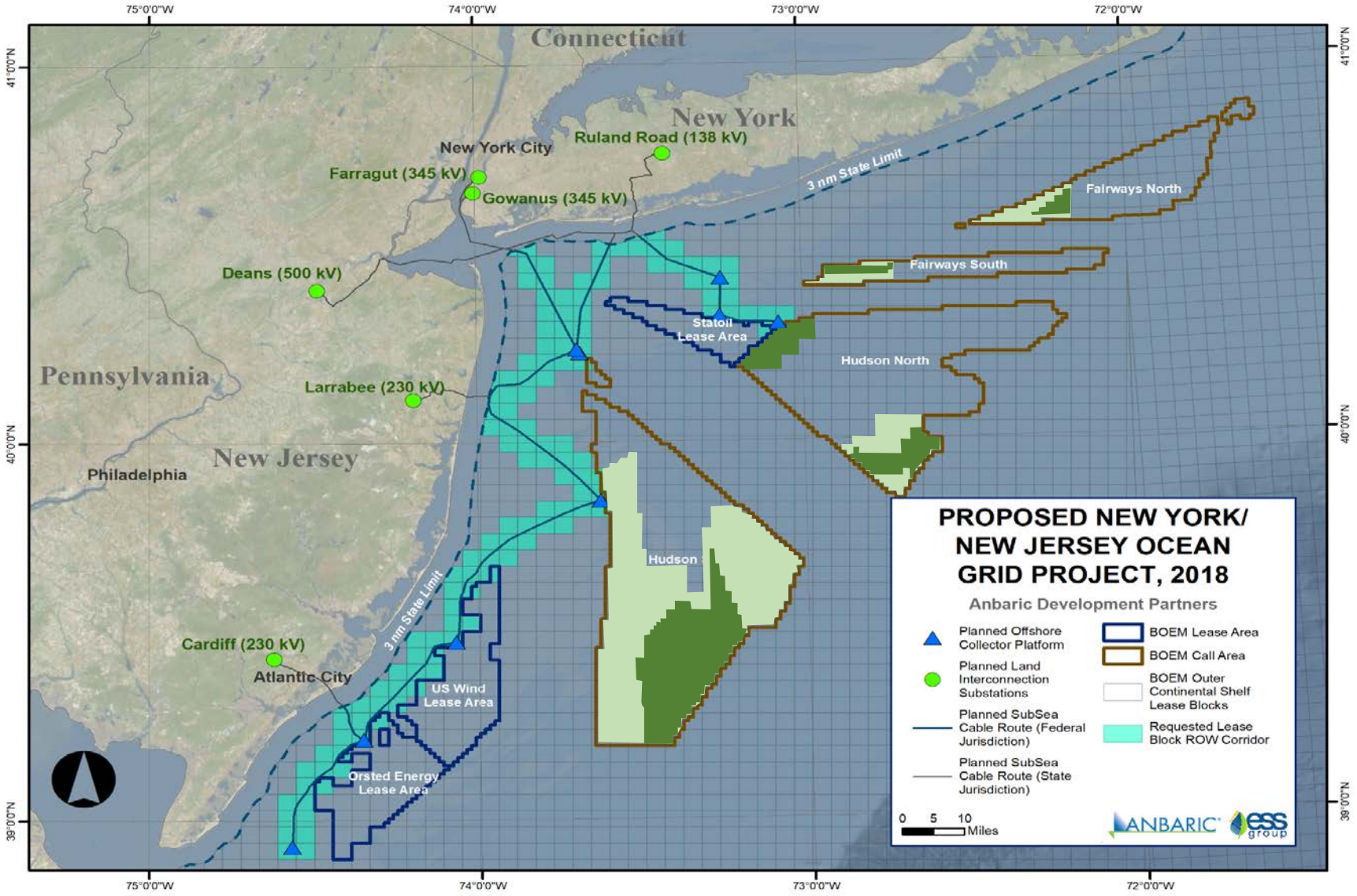
- 660 MW HVDC system linking Sayreville, N.J. and Nassau County, Long Island.
- Cable is completely buried: underwater (50 miles) and underground (15 miles).
- Completed July 2007, on time and on budget.

Hudson Transmission Project:

- 660 MW HVDC system linking Ridgefield, N.J. to West 49th Street in Manhattan.
- All underwater (4 miles) and underground (3 miles).
- Completed in June 2013, on time and on budget.



Project status: Our proposed New York/New Jersey OceanGrid



- Subsea and underground cable installation connecting WEAs and onshore substations.
- Efficient siting of offshore collector stations and cable routes.
- Optimal terrestrial interconnection points.

Advantages of planned, open access offshore transmission infrastructure

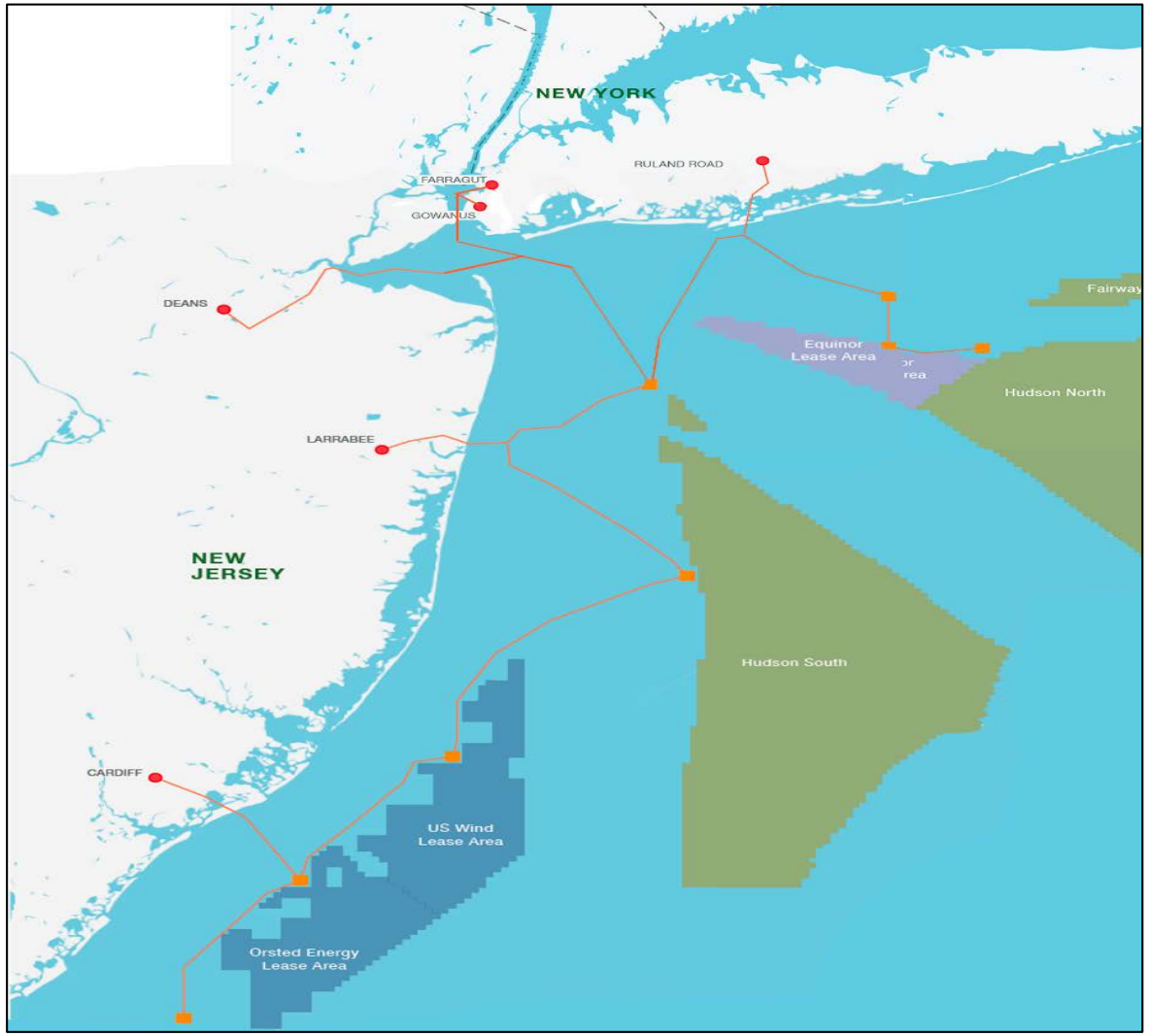
Help achieve New York's & New Jersey's ambitious offshore wind goals.

Scalable infrastructure for long-term growth of a new domestic economic sector anchored in NY & NJ, with job creation, local supply chain, and expanded state and local tax revenue.

Reduce costs for NY & NJ ratepayers by ensuring robust competition among offshore wind developers.

Efficient use of limited interconnection to maximize delivery of wind energy and minimize costly system upgrades

Minimize transmission footprint and reduce conflicts with fishing, shipping, viewshed, and environmental resources.



Project status: ROW/ROU & Easement application

- **Grant application submitted.** Anbaric submitted an Unsolicited Right-of-Way/Right-of-Use & Easement grant application to BOEM for the New York and New Jersey OceanGrid project on April 30, 2018.

- **Anbaric qualified.** BOEM approved Anbaric's legal, technical and financial qualifications to hold ROW/RUE grant on the Outer Continental Shelf on June 22, 2018.

- **Next steps.**
  - BOEM to publish a "Request For Interest" to solicit public comment on the ROW/RUE grant application.
    - Anbaric's ROW/RUE grant is *non-exclusive* and would not interfere with offshore wind developers' rights or prevent other transmission grant applications.
  - BOEM to complete an environmental assessment of the potential effects of issuance of the ROW/RUE grant.
  - Continue stakeholder and community engagement.

Project status: Surveys, site assessments, infrastructure design

- Initial geophysical survey in federal waters is complete.
- Initial geophysical survey in state waters to Ruland Road (NY) and Deans (NJ) is complete.
- Purpose: Characterize seafloor along potential routes and avoid hazards and environmentally sensitive features.
- Also coordinating with state and local permitting agencies to ensure timely approvals.

Project status: Anbaric's interconnection positions

Interconnection requests into NYISO and PJM are well along:

- Designed to make best use of limited routes to shore and select Points of Interconnection, while minimizing terrestrial upgrades.
- Provide offshore wind generators in both the first and subsequent phases with studied interconnections into the complex onshore substations of NJ and NYISO Zones J and K.
- Provide offshore wind generators "open access" to shore in keeping with FERC precedents and the NYISO and PJM tariffs.

Significant next steps in the development process

- Phase 1 RFP's in NY and NJ.
- Second phases: an opportunity to invite proposals to cost-effectively design and build a planned open access transmission infrastructure.
- BOEM ROW/RUE grant by spring 2019.
- Additional surveys in federal and state waters in summer 2019.
- Submit general activities plan (GAP) late 2019/ early 2020.

Thank you.

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