



New York State Energy Research and  
Development Authority (NYSERDA)

# **PURCHASE OF OFFSHORE WIND RENEWABLE ENERGY CERTIFICATES**

Attentive Energy

Ref no. ORECRFP24-1

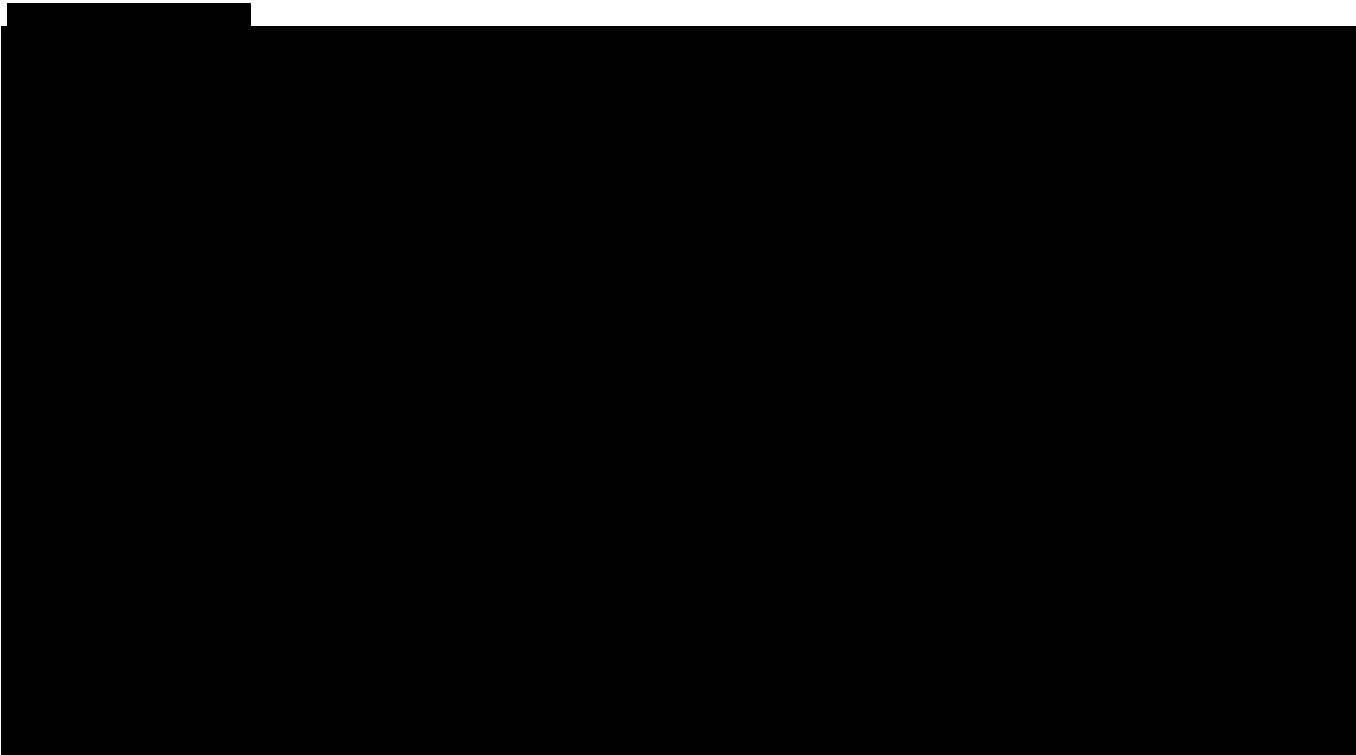
September 9, 2024



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# Executive Summary





NYSDERDA should Select AE1 for Four Reasons:

- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]

### 1.1 Historic Victory for Environmental Justice

AE1 will be a landmark step in the transformation of New York’s grid, in alignment with the Climate Act. The Project will transform the Ravenswood Site, which has hosted utility infrastructure for over 100 years, into a clean energy center. This will provide a blueprint for the repurposing of fossil infrastructure and environmental [Redacted]

[Redacted]

[REDACTED], AE1 sponsor Rise Light & Power has established extensive partnerships in the Disadvantaged Communities surrounding Ravenswood, launching Renewable Ravenswood in 2022 as a collaborative community-driven process to revitalize and repurpose the site. The announcement was met with universal community support. [REDACTED]

Overall, the Project will provide unmatched benefits to the surrounding communities and across the State.

[REDACTED]. With these commitments, the selection of AE1 sends a powerful message about New York State's commitment to lasting environmental justice [REDACTED]

### 1.2 Clean Energy Jobs and a Just Transition for Union Workers

AE1 will bring long-lasting, high-quality jobs to New York State from construction, operations, supply chain funding, and direct community investment. [REDACTED]

A critical part of building a clean energy workforce is ensuring that New York realizes the Just Transition envisioned in the Climate Act. [REDACTED]

### 1.3 A Highly-Matured, Low-Risk project

Attentive Energy offers NYSERDA a highly mature project. [REDACTED]

[REDACTED]

The Project benefits from the advanced permitting status of its export system, which has applied to the New York State Public Service Commission for a Certificate of Environmental Compatibility and Public Need (“CECPN”) under Article VII of the New York State Public Service Law (“Article VII Application”). The Article VII Application was submitted in December 2022 and received a determination of completeness from the New York State Department of Public Service (“NYSDPS”) on May 9, 2024. The Application continued to advance following the completeness determination with public statement hearings and public information forums held on July 23, 2024 and a procedural conference on July 24, 2024. Settlement discussions are expected to begin early in Q4 2024 and continue into 2025.

[REDACTED]

Lastly, AE1 will have very limited visibility due to its distance from the shoreline, even on clear days with calm seas and worst-case lighting conditions, and the Project is not expected to be visible at night. The Lease Area is approximately 54 statute miles from its nearest shoreline point in New York [REDACTED]

**1.4 Cost Effective Renewables for New York City**

To deliver on the Climate Act goals and a generational opportunity to transform the power sector, New York State needs offshore wind that is cost-effective and low risk. AE1 is able to provide cost-effective offshore wind through several unique characteristics. [REDACTED]

[REDACTED]

# 1.5 Project Map and Facilities

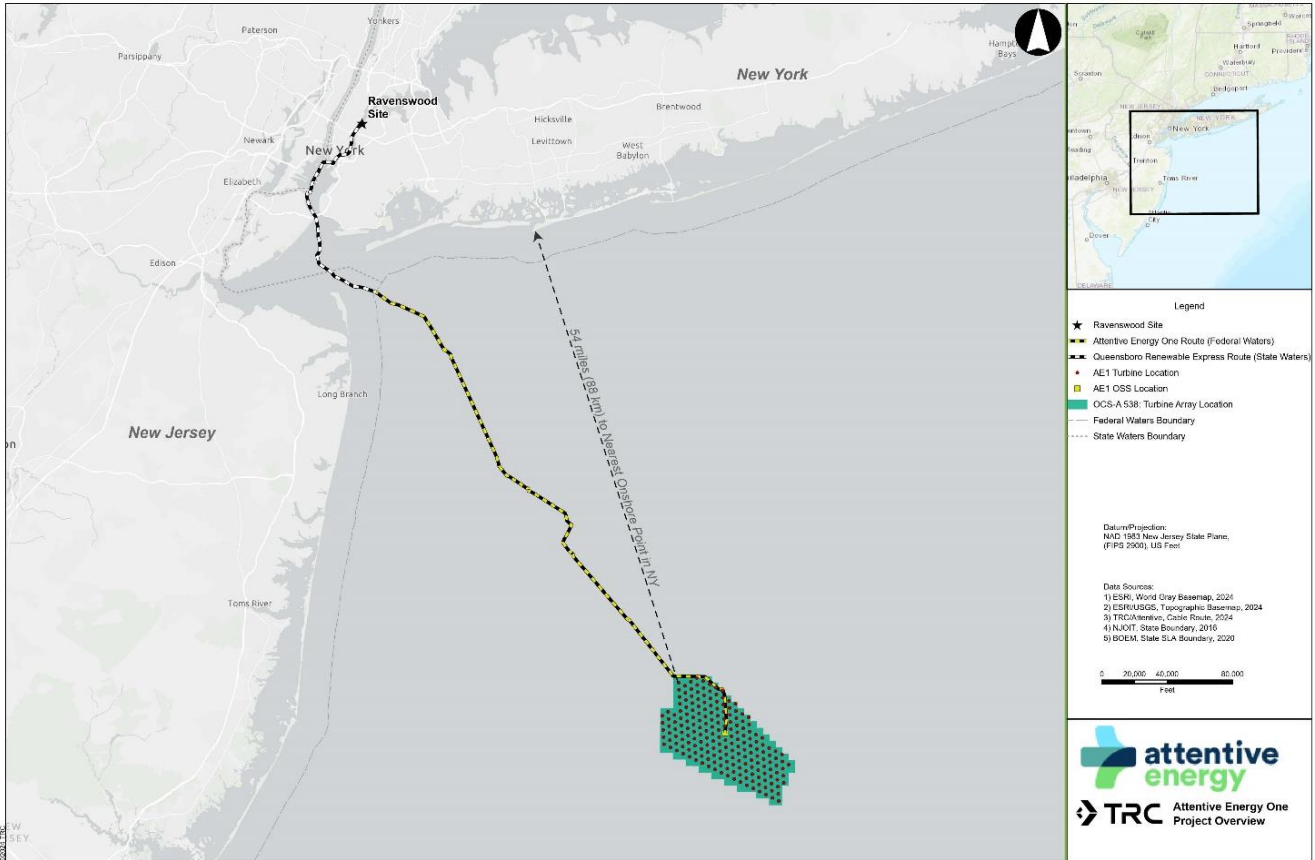
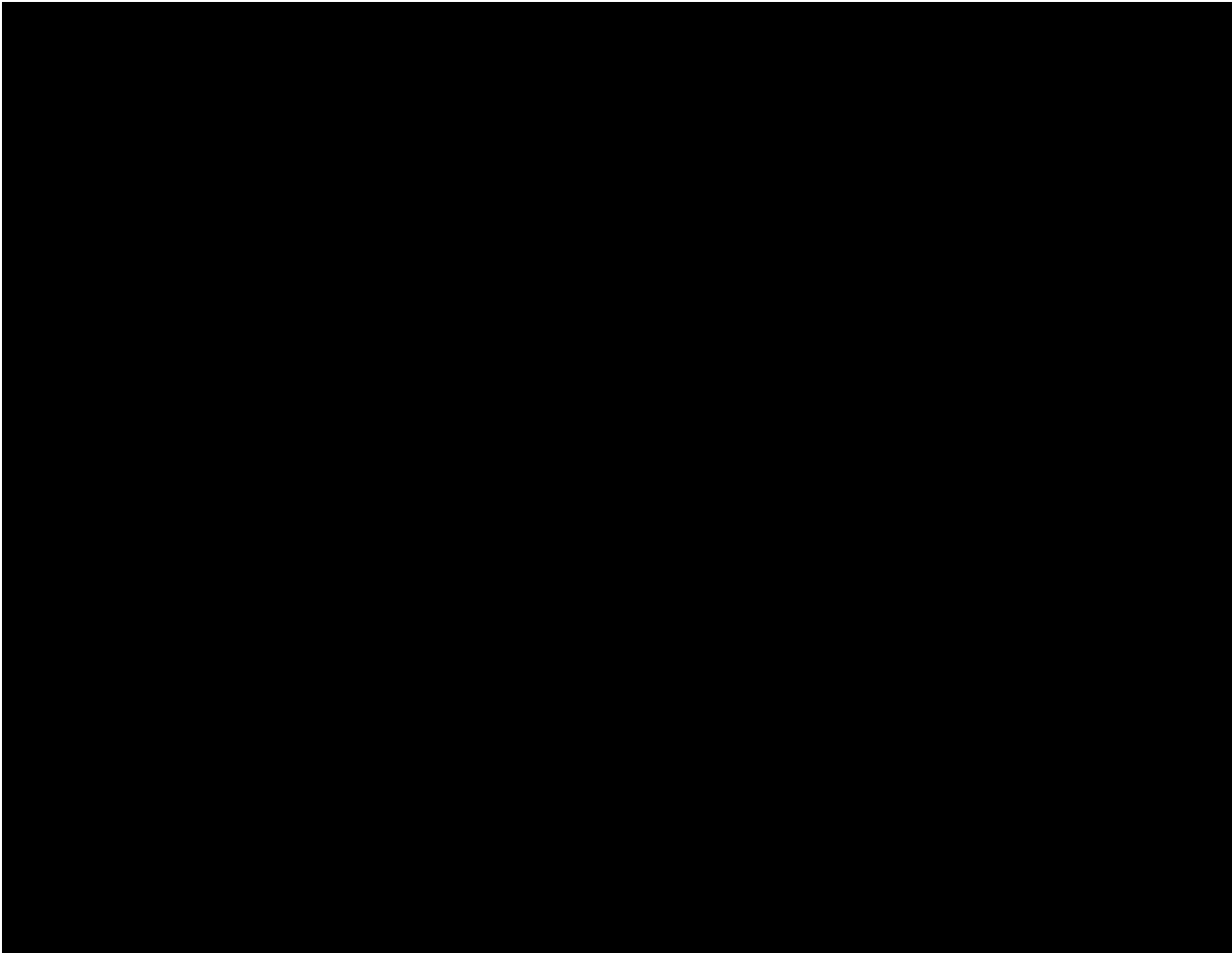


Figure 1-1. Indicative Map of the Offshore Wind Generation Facility. Note that the above map shows the entirety of OCS-A 0538, which will include both the Project and AE2. The Project will be based in the Eastern portion of OCS-A 0538. Attentive Energy has identified a sufficient number of turbine locations for both facilities; at no point will the area for AE1 and AE2 be overlapping.

[REDACTED]



[Redacted]

### 1.6 Technology and Schedule

Attentive Energy has had ongoing market engagement with the offshore wind supply chain and recognizes the importance of allowing for flexible decisions around critical manufacturers and contractors.

[Redacted]

[Redacted]

[Redacted]

[Redacted]



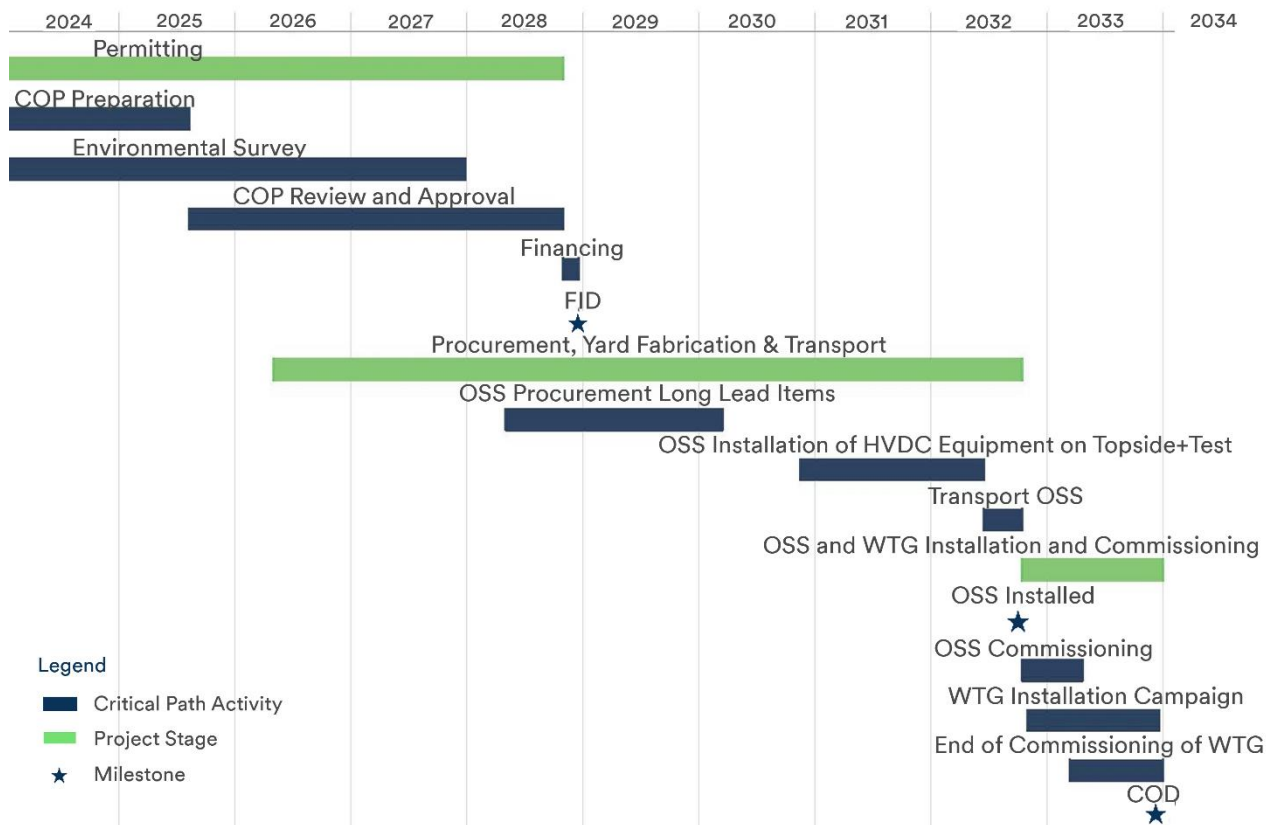


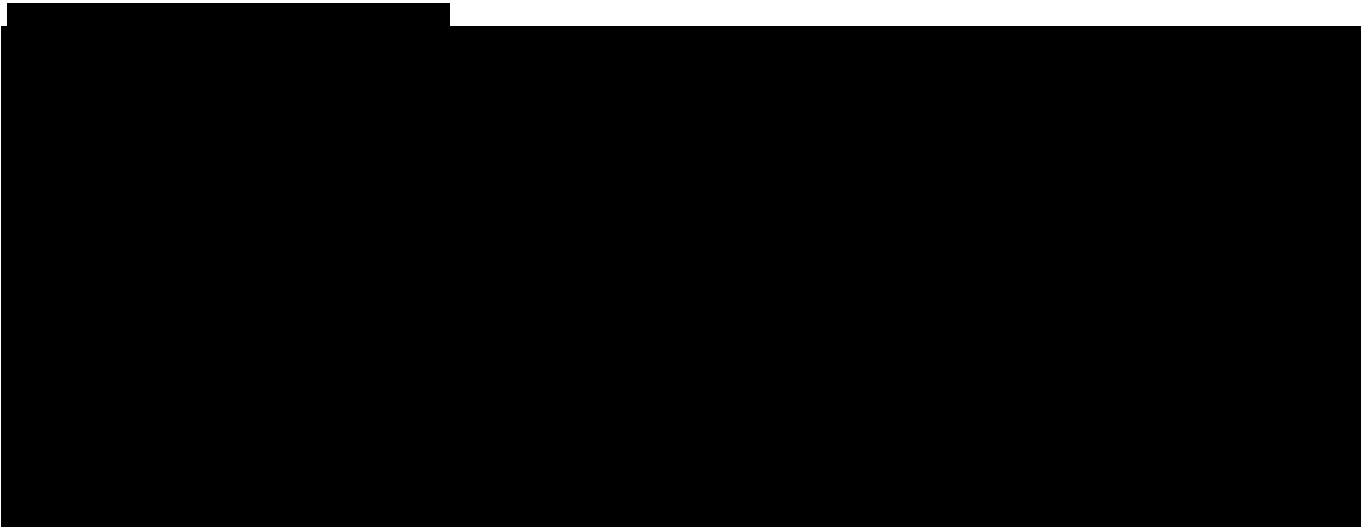
Figure 1-3. Critical Path Schedule

## 1.7 Economic Benefits

Attentive Energy’s bid will deliver a total of \$20.9 billion in economic benefits and over 10,945 job-years to New York State during its development, construction, and OREC contract operations period. These New York State benefits will support the buildout of a robust and inclusive clean energy economy, meeting State goals and establishing New York as an offshore wind hub in the U.S. Key components of these benefits are:

- \$4.6 billion in savings for New York ratepayers;
- \$7.4 billion in social costs savings attributable to emissions reductions;
- \$2.9 billion in public health benefits;
- \$2.6 billion of direct economic benefits;
- \$2.1 billion in other indirect economic benefits; and
- \$1.3 billion in property tax payments.

A summary of the direct incremental economic benefits estimated to be generated by the Project is included in Table 1-3.



As part of the Project's benefits, Attentive Energy is proposing a precedent-setting series of direct economic development programs. Each will bring significant spending to the Empire State to build a future New Yorkers can be proud of and thrive in.

[Redacted]

[Redacted]

[Redacted]

[Redacted]

## 1.8 Stakeholder and Community Support

Attentive Energy has received a significant number of Letters of Support, Memorandums of Agreement, and Letters of Intent that support the Project's Economic Benefits Claims and commitment to work with organized labor and demonstrate the breadth of relationships formed with suppliers, financial institutions, community and nonprofit leaders, academic institutions, and local stakeholders. These letters can be found in Attachments 8.3-B.

Attentive Energy is proud of the breadth and depth of support and trust developed with elected officials, non-profits, labor leaders, environmental justice organizations, and members of the public. This support has been demonstrated through the extensive engagement Attentive Energy has had with supportive public officials and community members (See attachment 6.3-C - press releases).

By integrating Rise's deep relationships with environmental justice leaders throughout the State and stakeholders in the Western Queens neighborhoods closest to the point of interconnection with TotalEnergies' and Corio's wealth of experience in stakeholder engagement, the Project builds on a sturdy foundation of trusted relationships at all levels.

For example, AE1 is grateful for the overwhelming public support received as part of the Article VII application for the Project's transmission system. Following the NYSDPS deeming the application complete in May 2024, Rise conducted broad outreach to hundreds of stakeholders, including via briefings, local advertising, and a community newsletter. In July, NYSDPS hosted public hearings on the project, which were attended by dozens of residents and community leaders. All speakers at the hearings offered unanimously supportive comments; none were opposed.

## 1.9 Executive, Project Team, and Public Communications

Since 2020, Attentive Energy's team has been elevating the importance of Diversity, Equity, and Inclusion ("DEI") hiring policies and the importance of getting it right from the start in offshore wind, both in New York and nationally. In the last two years, Attentive Energy has been featured on several national platforms such as The American Clean Power Association and Oceantic Network's industry conferences, raising the challenges of, and opportunities associated with, implementing proactive DEI policies into early project development.

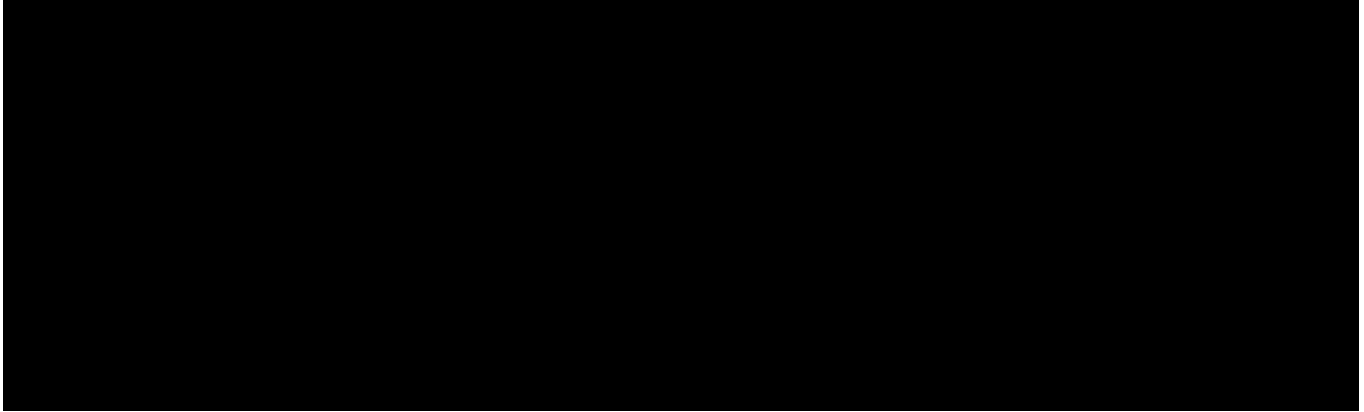
Public information on the Project and further resources on the offshore wind industry can be found at <https://attentiveenergy.com/>.

TotalEnergies is a global integrated energy company with more than 100,000 employees that produces and markets energies including renewables, electricity, green gases, oil and biofuels, and natural gas. In the U.S., TotalEnergies increased its global investments in electricity and renewables to \$5 billion in 2023 (up from \$4 billion in 2022), representing just over one-third of TotalEnergies' total planned investments. By mid-2023, TotalEnergies' gross renewable electricity generation installed capacity was 22 GW (gigawatt). It has extensive experience working with Federal and State agencies in U.S. waters, has held hundreds of federal offshore leases, and has spent billions of dollars exploring, developing and producing offshore assets.

Rise Light & Power is an energy transition specialist focused on repurposing legacy fossil generating sites into clean energy hubs. Rise operates RGS, a 2,000 MW power station which provides 20% of New York City's generation capacity, while developing large-scale clean energy infrastructure projects and being a good neighbor to the historically Disadvantaged Communities surrounding Ravenswood in northwestern Queens. Rise plans to transform the 27-acre Ravenswood Site into a first-of-its-kind renewable energy hub, integrating offshore wind and upstate renewables. Rise is a wholly owned, independently operated subsidiary of LS Power Partners III, L.P. ("LS Power"), a development, investment, and operating company focused on the North American power and energy infrastructure sector.

Corio is a specialist offshore wind developer established by Macquarie Asset Management to accelerate the transition to a greener global economy through the development of offshore wind farms. Corio's offshore wind development portfolio of around 30 GW is one of the largest in the world, spanning established and emerging markets, as well as floating and traditional fixed-bottom technologies. The company specializes in developing both offshore wind projects and innovative capital structuring solutions to finance complex renewable projects. Corio works with partners to help manage projects throughout their lifecycle, from origination into development and construction to operations.

Key contacts for executive level, project team, and public communications are provided in Table 1-4.





[www.attentiveenergy.com](http://www.attentiveenergy.com)