

South Fork RFP LIPA Board of Trustees REV Committee Briefing

September 21, 2016





Latest Developments

- A portfolio of projects is recommended to meet the needs of the South Fork, which includes the South Fork Offshore Wind Project
- NYSERDA Offshore Wind (OSW) Master Plan Blueprint
 - NYSERDA requested the opportunity to review the South Fork Offshore Wind Project within the framework of its OSW Blueprint being developed for the State as a whole
 - LIPA and PSEG Long Island began discussions regarding contract terms with the project developers pending the release of the OSW Blueprint
 - The Blueprint was released on September 15, 2016 it contemplates "early wind projects" proceeding in parallel with the Master Plan; and the South Fork Offshore Wind Project is consistent with the criteria specified in the Blueprint for such projects.



Objectives of the South Fork RFP

Issue

- Given projected load growth on the South Fork, existing resources and transmission infrastructure will not reliably meet customers' future needs beginning in 2017.
- A reference solution was developed consisting of ten transmission enhancements with a total investment of \$513 million (2015 dollars).

Objectives

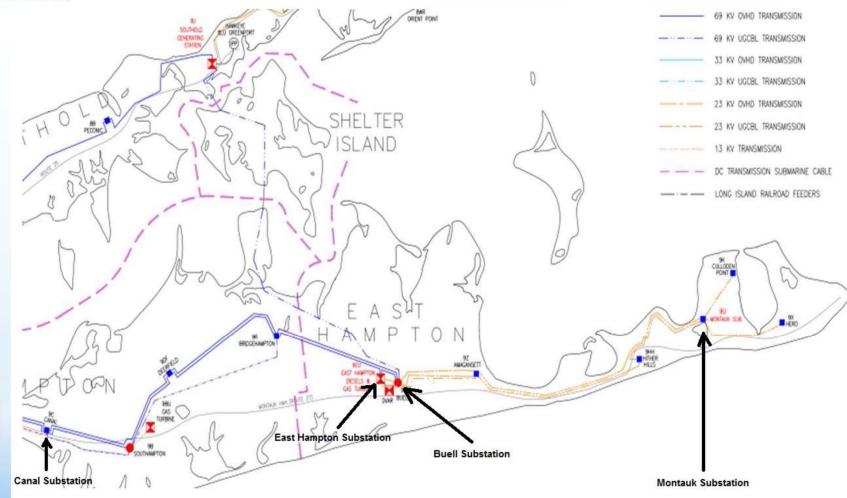
- Acquire sufficient local resources to reliably meet projected load growth and defer the need for new transmission until at least 2022 in the South Fork (and through 2030 in the Montauk area).
- Support the Reforming the Energy Vision (REV) initiative.

Eligible Resources

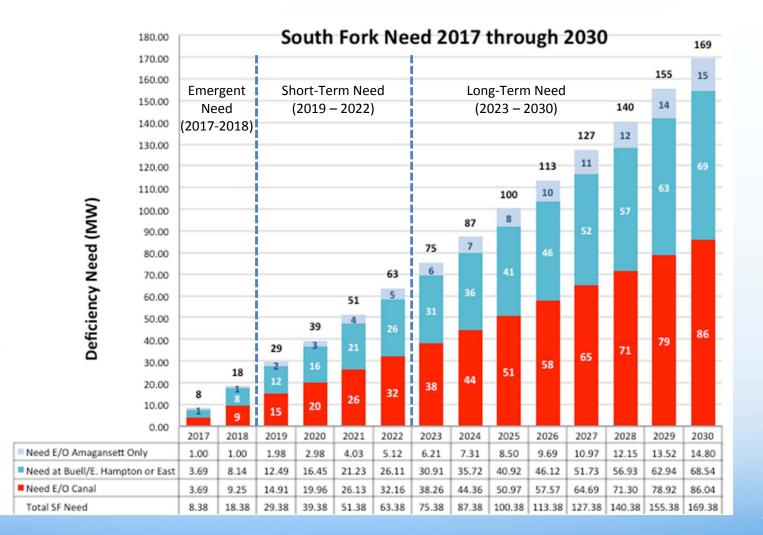
- RFP allowed load reduction, energy efficiency, renewable generation, energy storage, and conventional generation connected to substations, distribution feeders, or at customer facilities.
- > Renewable resources received credit towards LIPA's 400 MW renewable resource goal.



South Fork Load Pocket









Evaluation Process Overview

- Phase I categorize, summarize and check proposal contents
 - □ 19 moved to Phase II; 2 disqualified

Phase II – initial evaluation based on qualitative and quantitative analysis

- Qualitative Criteria rates each proposal for items such as
- Proposer's experience including that of contractors and subcontractors
- Development and schedule risk
- Price certainty and risk of price increases
- Financing plan
- Site control
- □ Fuel supply plan, if applicable
- Quantitative Criteria
- Levelized cost analysis including cost of resources plus credit for avoided energy and capacity costs, transmission and distribution deferral, and credit towards the 400 MW renewable goal
- □ 13 moved to Phase III; 6 of 12 battery proposals did not proceed
- Phase III detailed analysis of portfolios of proposals
 - □ Nine alternative portfolios developed; five determined to be feasible and were evaluated
 - Qualitative evaluations reviewed and updated as new information became available
 - Detailed transmission and production cost modeling
- Meetings with local community and interest groups regarding the RFP and its objectives have been conducted throughout the RFP process

Meetings subject to NDA held with South Fork communities regarding detailed implications of leading portfolios

LIPA Staff and DPS Staff observed activities of the Selection Committee



Recommended Portfolio

| Proposal | MW Size | Location | In Service |
|-------------------------|---------|----------------------------|-----------------|
| AEG Load Reduction | 8.3 | South Fork Area | 2017 to 2019 |
| LI Energy Storage | 5.1 | Montauk | 2018 (May) |
| LI Energy Storage | 5.1 | East Hampton | 2018 (May) |
| Deepwater Offshore Wind | 90* | East Hampton Connection | 2022 (December) |

* The proposed wind farm would be rated at 90 MW, but a slightly smaller amount would be delivered to East Hampton due to transmission losses.

- Highest ranked portfolio (quantitative and qualitative)
- Lowest estimated bill impact (\$1.19/month for average customer)
- All five portfolios require transmission enhancements (additional \$2.48/month by 2026)

Financial Impacts – Summary of Contracts

Estimated Contract Costs of Recommended Portfolio (All costs in million of dollars)

| | | Annual Avoided Cost Estimate | | | |
|--|----------------------------------|------------------------------|----------------------------|-----------------------------------|------------------------------|
| Project | Annual Cost Estimate Range | Capacity and Energy | Deferred T&D Investment | Avoided Renewable RFP Costs | Net Annual Cost Range |
| Total | 67 - 90 | 20 - 38 | 11 - 37 | 48 - 75 | (41) – 7 ² |
| ² Total range is not equal to the sum of the individual components due to differences in timing | | | | | |

The impact of the Recommended Portfolio including the credits for capacity and energy, deferred T&D investment, and avoided renewable RFP costs, ranges from \$7 million of net costs to \$41 million of net savings.

- The direct costs of the projects in the Portfolio, including emergency generators, are estimated to range from \$67 million to \$90 million a year are offset by the following avoided costs
 - Capacity and energy costs from the markets and other power supplies under contract to LIPA are estimated to be reduced \$20 million to \$38 million a year
 - > Deferring the \$513 million transmission investment is projected to save \$11 to \$37 million a year
 - The offshore wind project reduces the amount of renewable resources needed to meet the LIPA Board of Trustees goal of 400 MW. This reduced procurement need is projected to replace up to \$75 million a year in contract costs that would otherwise be incurred.



Actions for Recommended Portfolio

Discussions have begun with the developers for three Power Purchase Agreements, which if successful, will be subject to Board approval after the release of the OSW Blueprint:

Deepwater Wind, LLC's Deepwater ONE South Fork proposal

- > 90 MW offshore wind project, consisting of 15 GE wind turbine generators
- > Located over 30 miles southeast of Montauk and more than 19 miles from Block Island
- > Interconnecting via undersea and underground cable with the existing 69 kV bus at the East Hampton substation

Long Island Energy Storage System, LLC's Montauk Energy Storage System proposal

- Lithium ion battery storage system providing 5 MW of continuous power for 8 hours
- > Located on two sites on Second House Road adjacent to and across the road from new Navy Road substation
- Initially interconnecting via an 1800 ft. underground cable into Montauk substation and then replaced by a 100 ft. 13 kV dedicated connection to the new Navy Road substation when it becomes operational.

Long Island Energy Storage System, LLC's East Hampton Energy Storage System proposal

- > Lithium ion battery storage system providing 5 MW of continuous power for 8 hours
- > Located at the existing National Grid-owned power generation site west of Cove Hollow Road in the town of East Hampton
- > Interconnecting via a 300 ft. 13 kV dedicated feeder into the East Hampton substation

To implement this portfolio, PSEG Long Island will also negotiate an Energy Services Agreement for the following proposal:

Applied Energy Group's Proposal to Provide Load Reduction Resources on the South Fork of Long Island

- Load reductions of 8.3 MW consisting of multiple direct load control devices with Demand Response management systems Q
- > Direct load control of central air conditioning systems, room air conditioning units, and pool pumps at customer sites

Other Actions to Implement Recommended Portfolio

In addition to the recommended portfolio from this RFP, PSEG Long Island will be required to take the following actions to preserve reliability on the South Fork: South Fork transmission enhancements (operational between 2019 and 2026)

- Four new underground transmission lines
- Upgrade of 5 substations
- Replace insulators to upgrade existing overhead line
- Little visual impact
- > \$513 million cost (in 2015 dollars)

Emergency generator connections at Montauk and East Hampton substations

- > Temporary generators to be installed until transmission enhancements are completed
 - > Montauk generators installed in the summer periods of 2017 through 2019
 - > East Hampton generators installed in the summer periods of 2017 and 2018
 - > Generators will be moved to the South Fork only during the summer periods
- > Generators will be operated only during peak load periods to maintain reliability during transmission outages
- > Compressed natural gas (CNG) fuel is strongly preferred; oil fuel will be used only if CNG is infeasible

□LIPA Board will be asked to approve the addition of \$8.9 million to 2017 capital budget and \$45.3 million to 2018 capital budget. Additional capital will be needed to fund the \$513 million investment between 2019 and 2026.





Benefits of Proposed Actions

The combination of transmission, demand reduction, storage, and offshore wind projects meets the reliability needs of the South Fork at least through 2030

Supports renewable energy for the South Fork

- > Helps meet the 400 MW renewable goal at a competitive cost
- Builds a delivery infrastructure that can accommodate additional large-scale renewable projects delivered to the South Fork

Supports REV objectives

- > AEG project targets the residential and small commercial market sectors with proven solutions:
 - Central Air Conditioning Direct Load Control (DLC)
 - Room Air Conditioner DLC
 - Energy Efficient Products such as LED Lamps
- First installation of utility scale battery storage on Long Island
- Uses a combination of distributed and renewable resources to reduce the cost of transmission investments
- Long term reduction in carbon emissions averages about 200,000 tons per year after offshore wind begins operation



Project Locations



Transmission Enhancements – Low Visual Impact

| Project | Enhancement | Visual Mitigation | Voltage | Proposed In- Service Date |
|--|------------------------------|---|-----------------|------------------------------|
| Canal – Southampton | New line in existing conduit | Underground | 69 kV | 2019 |
| Wildwood – Riverhead | Upgrade | Replace insulators on existing overhead line | 69 kV to 138 kV | 2019 |
| Bridgehampton – Buell | New Circuit | Underground | 69 kV | 2019 |
| Amagansett Conversion | Upgrade | Work inside substation | 23 kV to 33 kV | 2020 |
| East Hampton Conversion | Upgrade | Work inside substation | 23 kV to 33 kV | 2020 |
| Buell Conversion | Upgrade | Work inside substation | 23 kV to 33 kV | 2020 |
| Hither Hills Conversion | Upgrade | Work inside substation | 23 kV to 33 kV | 2021 |
| Culloden Pt Conversion | Upgrade | Work inside substation | 23 kV to 33 kV | 2022 |
| 2 nd Riverhead - Canal cable with step-down bank at Canal | New line in existing conduit | Underground | 138 kV | 2022 |
| Canal – Wainscott | New Circuit | Underground | 138 kV | 2026 |

FOR CONSIDERATION

January 25, 2017

| TO: | The Trustees |
|----------|---|
| FROM: | Thomas Falcone |
| SUBJECT: | Authorization to enter into a Power Purchase Agreement with Deepwater Wind South Fork, LLC for the South Fork Wind Farm Project |

Requested Action

The Trustees are requested to approve and adopt a resolution authorizing the Chief Executive Officer, or his designee(s), to execute a Power Purchase Agreement ("PPA") with Deepwater Wind South Fork, LLC ("Deepwater"), a wholly owned subsidiary of proposer, Deepwater Wind, LLC, and to take other such other actions as may be reasonably necessary to implement arrangements for the Long Island Power Authority ("LIPA" or the "Authority") to purchase energy, installed capacity, renewable attributes and ancillary services from Deepwater's proposed South Fork Wind Farm (the "Project").¹

Background

The South Fork of Long Island² is a load pocket served by highly constrained radial transmission connections to the rest of the LIPA transmission & distribution ("T&D") system, and a limited amount of existing local oil-fired generation. The peak load on the South Fork is approximately 300 megawatts ("MW") and is projected to grow at an average annual rate of 2.5 percent. Without adding new resources, PSEG Long Island projected that transmission enhancements would be needed between 2017 and 2022 to meet South Fork loads and maintain system reliability.

Issuance of the RFP

On June 25, 2015, PSEG Long Island issued the South Fork RFP ("RFP") to acquire sufficient local resources to meet expected peak load requirements and to defer to the greatest extent possible the construction of new transmission lines or other enhancements until at least 2022 in the South Fork as a whole, and until 2030 in the far eastern area of the South Fork (east of the Buell substation near the Village of East Hampton). Consistent with the goals of the New York

¹ The South Fork Wind Farm would be the first project developed within the wind development area known as Deepwater ONE.

² For purposes of the South Fork RFP, the South Fork consists of the electrical load in the towns of East Hampton and Southampton connected to LIPA's T&D System east of the Canal Substation, which is located in the Town of Southampton.

State Public Service Commission's Reforming the Energy Vision ("REV") initiative, all technologies capable of meeting the desired objectives were invited to bid. To encourage broad participation in the RFP, individual proposals were not required to meet the entire need by themselves and the RFP anticipated that a portfolio of proposals would be selected.

Each proposal was required to propose a commercial operation date ("COD") and include prices, terms, and conditions. The three preferred CODs were May 1st of 2017, May 1st of 2018 or May 1st of 2019. However, proposals with COD dates as late as December 31, 2022 were permitted.

Three different proposed forms of contractual agreement were made available on PSEG Long Island's website for specific resources: (i) a Power Purchase Agreement ("PPA") for dispatchable Power Production resources (e.g., combustion turbines, reciprocating engines), (ii) a PPA for non-dispatchable Power Production resources (e.g., wind or solar resources), and (iii) an Energy Services Agreement for Load Reduction resources (e.g., direct load control). The Respondents were requested to modify the applicable form of agreement to reflect resource specific requirements.

The RFP was advertised in the New York State Contract Reporter and posted on both LIPA's website and a website established by PSEG Long Island specifically for the RFP. Prior to the proposal submittal deadline, prospective Respondents had the opportunity to submit written questions, to which PSEG Long Island responded in writing via the RFP website.

The Evaluation Process

A Selection Committee, consisting of staff from PSEG Long Island, supported by technical and legal advisors and consultants, was designated to conduct the evaluation. Prior to the receipt of proposals, the Selection Committee designed a multi-phase evaluation process that focused on selecting a portfolio of proposals that would provide the best value to LIPA's customers based on the quantitative and qualitative merits of each portfolio. During the evaluation process, LIPA staff provided input and oversight. The New York State Department of Public Service attended Selection Committee meetings as an observer.

On December 2, 2015, 21 proposals were received from 16 entities. The 21 proposals included a wide range of technologies, including offshore wind, solar photovoltaic, lithium ion batteries, thermal storage, fuel cells, direct load control, aeroderivative combustion turbines, and reciprocating engines. The Selection Committee first reviewed the proposals individually for compliance with the submittal requirements of the RFP and then evaluated the responsive proposals based on criteria set forth in the RFP, including, among other things:

- Qualitative aspects of each proposal;
- Extent to which a proposal meets the objectives of the RFP;
- Prices for capacity and energy;
- Cost of fuel, where applicable;

- Costs of any required or avoided/deferred transmission system upgrades;
- Credits for helping to meet the LIPA Board's goal of 400 MW of renewables; and
- The cost impact on LIPA's purchases and sales of power.

The qualitative evaluation considered the unique attributes of each proposal, including operational flexibility, environmental impacts, the interaction with LIPA's other power supply resources, community impact and acceptance, and the ability to meet the proposed project schedule.

During the evaluation, PSEG Long Island with input from LIPA's staff, identified and evaluated potential combinations of individual proposals that would be able to provide the best possible solutions to the South Fork needs through at least 2022 (each such combination a "Portfolio"). Each Portfolio consisted of three to eight proposals selected from among the most cost-effective proposals based on the initial quantitative evaluation and with the least implementation and reliability risk based on the initial qualitative evaluation. As none of the Portfolios provided a solution that did not eventually require either the construction of transmission reinforcements or procurement of additional resources to assure reliability on the South Fork, the analysis of each Portfolio reflected the amount of transmission reinforcement deferrals that could be achieved. The analysis also determined that, based on the locations of the projects included in the Portfolios, there would still remain a need to reinforce the South Fork transmission system to enable the power from the proposed resources and the rest of the system to be delivered east toward Montauk. South Fork transmission system reinforcement would also be required to support off-peak charging of the proposed storage batteries³. In addition, to assure reliability between 2017 and the completion of the projects comprising each Portfolio (2019-2022), the analysis identified the need for the temporary installation of a small amount of emergency standby generation at the Montauk/Navy Road and East Hampton substations.

After further detailed quantitative and qualitative analyses were conducted, representatives of the Selection Committee met with South Fork community representatives on May 31, 2016 and June 23, 2016 to obtain further insight into community support for the types of projects that appeared to have the most promise of providing a cost-effective solution to the RFP requirements.

Upon completion of the final qualitative and quantitative analyses in July 2016, the PSEG Long Island Selection Committee identified a Portfolio consisting of load reduction, battery storage, and offshore wind resources that provided the best value to customers. This Portfolio has the lowest net cost of the portfolios evaluated and meets the objectives of the RFP. In other words, the aggregate cost imposed on LIPA by the Portfolio projects would be less on a net present value basis than timely construction of new transmission alone.

³ In all cases, the transmission enhancements would have little or no visual impact, as new lines would be installed in existing underground conduits or in areas where it is not feasible to locate a new overhead circuit; and modifications would occur within existing substations or involve replacement of insulators on overhead circuits.

The selected Portfolio includes implementation of a load reduction program proposed by Applied Energy Group ("AEG") to assist with meeting the forecasted need beginning in 2017. PSEG Long Island is currently negotiating an Energy Services Agreement to implement this project as soon as possible⁴. AEG's proposal would provide load reductions of 8.3 MW consisting of multiple direct load control devices and a demand response management system targeting central air conditioning systems, room air conditioning units, and pool pumps at customer sites.

In addition to the AEG project, the Portfolio also includes the following projects.

Deepwater Wind South Fork, LLC -South Fork Wind Farm (90 MW)

Deepwater Wind South Fork, LLC (privately held by management and a group of investors including entities of the D. E. Shaw group) proposes to develop, operate, and own an approximately 90 MW offshore wind farm located in federal waters 30 miles east of Montauk and more than 19 miles from the nearest inhabited land (Block Island). The site is a federally-zoned offshore Wind Energy Area leased through the Bureau of Ocean Energy Management. The Project would interconnect with the LIPA transmission system via an approximately 50 mile 138-kV undersea and underground cable connecting to the existing 69 kV bus at the East Hampton substation. Deepwater Wind South Fork, LLC proposes to achieve a December 1, 2022 COD for this project.

LI Energy System, LLC - Montauk Energy Storage System (5 MW)

LI Energy System, LLC (jointly owned by indirect, wholly-owned subsidiaries of NextEra Energy Resources, LLC and National Grid USA) proposes to develop, operate, and own a new lithium ion battery storage facility located in Montauk on two sites on Second House Road adjacent to and across the road from the planned Navy Road substation. The project would be rated at 5 MW and would be connected via a 100 ft. 13 kV dedicated feeder into Navy Road substation or 1800 ft. underground cable into Montauk substation. Current plans are for the Navy Road substation to be in service in time for connection of the LI Energy System project. LI Energy System, LLC proposes to achieve a May 1, 2018 COD for this project.

LI Energy System, LLC – East Hampton Energy Storage System (5 MW)

LI Energy System, LLC also proposes to develop, operate, and own a new lithium ion battery storage facility located at the existing National Grid-owned power generation site west of Cove Hollow Road in the town of East Hampton. The project would be rated at 5 MW and would be connected via a 300 ft. 13 kV dedicated feeder into the East Hampton substation. LI Energy System, LLC proposes to achieve a May 1, 2018 COD for this project.

⁴ The proposed agreement with AEG does not require Authority approval because it is a service provider agreement within the meaning of Public Authorities Law Section 1020-cc(ii), consistent with PSEG Long Island's responsibilities under the Amended and Restated Operations Services Agreement.

Status of PPA Negotiations

PPA negotiations commenced during the summer of 2016. PPAs for LI Storage System LLC, Montauk Energy and East Hampton Storage Systems are still being negotiated. Once satisfactory PPAs have been negotiated and both projects have completed the State Environmental Quality Review ("SEQR") process, these PPAs will be submitted to the LIPA Board of Trustees for approval.

Negotiations for the Deepwater Wind South Fork PPA ("PPA") conducted by PSEG Long Island, with assistance and oversight by Authority Staff, were completed in January 2017. Under the proposed Deepwater PPA, the Authority will receive all of the energy, installed capacity, renewable attributes, and ancillary services (the "Products") that the wind project can produce during a base term of twenty (20) years and the Authority has the right to request a 5-year extension at a discounted price. Payment for the Products is solely on a "pay-for-performance" basis for energy delivered to LIPA at its East Hampton substation. Deepwater is responsible for all transmission losses between the wind farm and the substation, which are currently estimated to be approximately 2.5 MW. The PPA sets a target for annual energy deliveries based on average weather conditions and expected project performance⁵. Should actual annual deliveries exceed target levels, the Authority is entitled to the excess energy at a discounted price.

The PPA requires Deepwater to obtain all required Federal, State and local permits, enter into necessary contracts to construct the Project, obtain financing, and reach key development milestones by dates certain.⁶ Deepwater would be subject to payment of specified liquidated damages for delays or failure in meeting milestones for permitting, construction and commercial operation. The project is currently planned to consist of fifteen 6-MW turbines (i.e., a total of 90 MW of capacity), but the PPA allows Deepwater to select from commercially available turbine sizes. To protect customers, the PPA also sets limits for the minimum and maximum size of the project. Deepwater also plans to construct a project substation adjacent to the East Hampton substation on land owned by National Grid. The Authority will cooperate with National Grid to allow Deepwater to obtain the land rights it needs.

⁵ The target level for energy deliveries includes an allowance for potential transmission system limitations that were assumed at the time of the RFP and identified in the RFP proposal requirements. The limitation assumed at the issuance of the RFP was for hourly deliveries of no greater than 75 MW. Actual limitations, if any, will be determined in the course of interconnection studies to be conducted by PSEG Long Island and the New York Independent System Operator. At the conclusion of these studies, there may or may not be a limitation on hourly deliveries. Excess energy deliveries are at a discounted price.

⁶ SEQRA analysis is not required for the Board to authorize execution of this agreement. The project itself is located in federal waters. Environmental reviews have been conducted and are supervised by the Bureau of Ocean Energy Management pursuant to federal law. Construction of the submarine and underground transmission that will interconnect the project to the LIPA system will requires a certificate of environmental compatibility and public need from the Public Service Commission pursuant to Article VII of the Public Service Law.

The PPA also allows LIPA to request to prepay a specified portion of contract payments in a lump sum to reduce the financing costs associated with the purchase of wind energy. If LIPA and Deepwater reach agreement on the terms of such a prepayment, an amendment to the PPA to effectuate the prepayment would be submitted to the Trustees for approval. In the event LIPA agrees to such a prepayment, and the Authority intends to finance all or a portion of the cost of such prepayment and any related costs through the issuance of tax-exempt debt of the Authority then the Board is requested to authorize the Chief Executive Officer, the Chief Financial Officer or their respective designees to evidence such intent by appropriate certifications. LIPA would only pursue such a prepayment if it were financially beneficial to its customers.

Recommendation

For the foregoing reasons, I recommend that the Trustees adopt a resolution in the form of the resolution attached hereto.

Attachment

Exhibit A - Resolution Authorizing Execution of the Deepwater Wind South Fork, LLC Power Purchase Agreement

AUTHORIZATION TO ENTER INTO A POWER PURCHASE AGREEMENT WITH DEEPWATER WIND SOUTH FORK, LLC FOR THE SOUTH FORK WIND FARM PROJECT

WHEREAS, on June 25, 2015, PSEG Long Island LLC, on behalf of LIPA, issued a Request for Proposals for South Fork Resources ("RFP") to acquire sufficient local resources to meet expected peak load requirements and defer investment in new transmission lines or other enhancements until at least 2022 in the South Fork as a whole, and until 2030 in the far eastern area of the South Fork; and

WHEREAS, it is in the best interest of LIPA to enter into a power purchase agreement ("PPA") and other related agreements regarding the South Fork Wind Farm Project to assist with meeting the expected peak load requirements in the South Fork and the Authority's renewable energy goals;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Trustees (the "Board") authorizes the Chief Executive Officer or his designee(s) to execute a PPA and other related agreements and arrangements, consistent with the terms of the accompanying memorandum, and to perform such further acts and deeds as may be necessary, convenient or appropriate, in the judgment of the Chief Executive Officer or his designee, to implement the Authority's purchase of energy, installed capacity, renewable attributes and ancillary services from the Deepwater Wind South Fork, LLC, South Fork Wind Farm project; and

BE IT FURTHER RESOLVED, that, if LIPA and Deepwater reach an agreement on the terms of a prepayment of a portion of contract payments due under the PPA, and the Authority intends to finance all of a portion of the cost of such prepayment and any related costs through the issuance of tax-exempt debt of the Authority, the Board hereby authorizes each of the Chief Executive Officer, the Chief Financial Officer or their respective designees to evidence such intent by appropriate certifications.

Widespread & Diverse Support for LIPA Trustees Approval of Nation's Largest and Lowest Cost Offshore Wind Project off the South Fork

Local, County, & State Officials join with Business, Labor, Environmental & Civic Leaders Urging Trustees to Advance 90MW Project & Take First step to Developing LI's Tremendous Offshore Wind Resource

Governor Andrew Cuomo said, "New York is leading the nation with our unprecedented commitment to develop offshore wind which will provide clean, renewable energy for millions of New Yorkers while at the same time help in the fight to combat climate change and grow our green economy. Offshore wind is critical to achieving our ambitious energy goals, reducing our carbon footprint and protecting the environment for generations to come. I strongly encourage the Trustees to once again demonstrate New York's leadership on climate change and help achieve the state's ambitious goal of supplying 50 percent of our electricity from renewable energy by 2030. Next week marks another opportunity for this state to lead the nation in creating a stronger, more resilient energy system and protecting the environment for future generations."

New York State Senator Kenneth LaValle said, "Wind and other alternative energy sources are critically important components in our overall energy strategy. This project will greatly bolster the East End's energy reliability in an environmentally compatible manner, help stabilize rates, and create much needed construction jobs in the region."

New York State Senator Phil Boyle said, "I applaud the Long Island Power Authority's consideration of the proposed 90-megawatt, 15-turbine wind farm east of Montauk and encourage the Board of Directors to approve the Deepwater Wind proposal. With major changes in NY's energy markets in recent years, including retirements of coal and nuclear generation and an increasing reliance on natural gas, it is more essential than ever to increase local renewable energy sources on a large scale. The proposal by Deepwater Wind will create jobs, and will ensure the protection of NY's coastline, the tourism industry, and the quality of life for all here on Long Island."

New York State Senator Todd Kaminsky said, "A comprehensive offshore wind program is vital to growing a clean-energy economy and combating climate change. With this offshore wind farm, New York will take its rightful place as the national leader in advancing renewable energy. I will continue to advocate for investments in renewable energy that lower carbon emissions and grow our clean-energy economy."

New York State Assemblyman Steve Englebright said, "By making the commitment to move forward with this offshore wind project, LIPA will not only help New York further its state-wide carbon reduction and renewable energy goals but will also help to establish the infrastructure and quality labor force necessary to give Long Island and New York State the long-term competitive edge in an emerging offshore wind industry."

New York State Assemblyman Fred W. Thiele, Jr. said, "Long Island, and particularly the East End, faces unique energy and economic challenges. As one of the few parts of Long Island in which energy demands continue to grow, we face a steadily increasing need for new sources of power. Our existing electricity grid is operating at its limits and, given our population density and our commitment to conservation, building any new energy infrastructure here is difficult. I am pleased that with today's announcement LIPA broadens their commitment to maintaining a renewable energy portfolio. Not only will this help the South Fork meet its increasing energy demand, but will do so in an environmentally responsible manner, creating jobs for our State."

Southampton Town Supervisor Jay Schneiderman said, "LIPA is addressing the increasing energy use on the South Fork in a progressive manner using our abundant wind resource instead of adding poles and wires and reliance on fossil fuel. I urge the Trustees to lead the way on wind by approving this project."

East Hampton Town Supervisor Larry Cantwell said, "Offshore wind is a part of the Town's strategy to address the forecasted energy shortage on the South Fork and potentially become a source of new jobs in the wind energy industry. Wind and other projects currently being planned will provide for more reliable, resilient, and affordable power in East Hampton."

Richard V. Guardino, Executive Director Long Island Regional Planning Council said, "The promise of new economic opportunities that LIPA's off-shore wind project can bring to Long Island is reason to celebrate and support New York State's first off-shore wind farm. We applaud the commitment to clean energy and wind power and see this as a unique opportunity for Long Island to lead in this growing industry and become a hub for offshore wind development."

Kevin Law, President and CEO of the Long Island Association said, "The offshore wind farm proposed by Deepwater Wind is an important step forward in building Long Island's clean energy economy, creating new jobs in this industry and diversifying our fuel sources which is why the LIA has supported this project."

John R. Durso, President, Long Island Federation of Labor, AFL-CIO said, "LIPA's decision to enter into an agreement with Deepwater Wind is good news for the Long Island labor movement. It is a first step in realizing the potential for a new American industry with Long Island at the epicenter. We thank New York State for their commitment to our energy future, an opportunity which includes union jobs. We are excited to put our skilled workforce on the job."

Gordian Raacke, Executive Director of Renewable Energy Long Island said, "This is a big step for LIPA, a bold step for renewable energy on Long Island, and the beginning of an offshore wind industry in the State of New York and the country. "We commend Governor Cuomo and LIPA for showing visionary leadership in the transition to renewable energy and thank all who have advocated for offshore wind energy over the last couple of decades."

Kyle Strober, Executive Director of Association for a Better Long Island said, "Capturing the potential of off-shore wind could result in a boom for Long Island's economy. Over the long term, studies have shown that there is significant potential for off-shore wind projects to generate clean energy manufacturing jobs and attract new business to create genuine job growth. ABLI strongly encourages the LIPA Board of Trustees to vote in favor of New York's first off-shore wind farm."

Neal Lewis, Executive Director of Molloy College's Sustainability Institute said, "As a former LIPA trustee, I understand that this is a tremendous development that took a great deal of effort to bring about. The LIPA trustees have the opportunity at their next meeting to establish Long Island and New York State as true leaders in introducing twenty-first century clean, renewable energy projects, like offshore wind energy and by connecting it to an area with a load pocket like the South Fork, this project can be integrated it into the electric grid in a cost effective way."

Mitch Pally, Chief Executive Officer of Long Island Builders Institute said, "Deepwater Wind's project will bring clean, affordable offshore wind energy to Long Island, which will help stabilize our energy prices, stimulate the economy, create job growth and development opportunities right here on Long Island. We look forward to LIPA's Trustees approving this important beginning to harnessing this clean source of energy off our coastline.

Elizabeth Gordon, Director of the New York Offshore Wind Alliance said, "LIPA's 90 MW South Fork project moves New York to the forefront of offshore wind development in America. "Major progress on what will be the nation's largest offshore wind project, combined with Governor Cuomo's 2,400 MW commitment, makes it clear that New York is entering a new energy era – one where offshore wind power is poised to play a key role in meeting down state's electricity needs."

Catherine Bowes, Senior Manager at National Wildlife Federation said, "Today marks major progress in New York's pursuit of offshore wind power, the state's golden opportunity to create thousands of jobs while helping meet the Governor's 50 percent renewable energy goal. We applaud Governor Cuomo and LIPA for this bold leadership to advance the clean, offshore wind power needed to protect our communities and wildlife from the dangers of climate change."

Anne Reynolds, Executive Director of ACE NY said, "It is exciting to see LIPA's leadership on investing in offshore wind, which is key to achieving the Governor's vision of fifty percent renewable energy. LIPA recognizes that offshore wind can help affordably meet Long Island's electricity needs with clean and homegrown power."

Lisa Dix New York Senior Representative for the Sierra Club said, "We applaud the Long Island Power Authority and Governor Cuomo for their visionary leadership today. Building New York's first, and nation's largest, offshore wind project is an historic first step - by providing cost-effective, reliable and pollution free electricity for Long Islanders, creating jobs and new economic development opportunities for New Yorkers, and positioning the Empire State as a national climate and clean energy leader."

Adrienne Esposito, Executive Director, Citizens Campaign for the Environment said, "Our transition from fossil fuels to renewables has just taken a giant leap forward with this historic decision. This is game changer, a legacy that all New Yorkers will be proud of. By tackling climate change head on New York is proving to be a global leader."

Lisa Tyson, Director, Long Island Progressive Coalition said, "Today marks a dramatic change in the way New Yorkers think about energy. Long Island organizations, grassroots activists, and devoted community members have fought tirelessly over the years to make offshore wind a reality for Long Island and now their day has come. This decision is a tremendous win for renewable energy, the climate, and the people."

Karl R. Rábago, Pace Energy and Climate Center said, "It is gratifying to see years of advocacy for clean energy development bearing fruit in such a spectacular fashion. And it is inspiring to have the leadership in New York that made it happen."

Conor Bambrick, air & energy director for Environmental Advocates of New York said, "More offshore wind means cleaner power, fewer childhood asthma attacks and a healthier planet. We applaud Governor Cuomo, the Long Island Power Authority and Deepwater Wind for jumping in with both feet and advancing the state toward the 100 percent clean, renewable energy future we so need."

Kit Kennedy from NRDC said, "This is what our clean energy future looks like. Greenlighting the nation's largest - and New York's first - offshore wind farm would be a giant step forward in finally unleashing the largely untapped potential of this plentiful source of clean energy. Approving this project is critical to putting Governor Cuomo's bold climate goals for the state into action."

Bill Lipton, New York State Director, Working Families Party said, "We applaud Gov. Cuomo and LIPA's leadership in taking this step to bring offshore wind to New York. Offshore wind power offers the possibility of thousands of good jobs around the state, and will help us ensure healthy communities and meet our state's climate commitments. This is a big first step toward building a thriving economy powered by 100 percent clean renewable energy that works for all New Yorkers."

Matt Ryan, Executive Director of ALIGN said, "We applaud this huge step forward toward powering New York with clean energy and good local jobs. The growing renewables sector can and must benefit communities and workers."

George Povall, Director of All Our Energy said, "Today's historic announcement is the culmination of so many years hard work from so many advocates. We are excited to honor their hard work and thank Governor Cuomo and the LIPA trustees for their forward thinking that moves Long Island into a future of climate protection with new economic opportunities for New Yorkers."

Alex Beauchamp, Northeast Region Director Food & Water Watch said. "Today's announcement of what will be the country's largest offshore wind farm is welcome news." "Now we must ensure that this project is the first step – not the final one – for offshore wind in New York."

Rosanne Barone, Climate Change Campaign Organizer with NYPIRG said, "Long Island is energy thirsty and transmission constrained, but is rich in ocean winds. This is a landmark step for the region, the state and ultimately a critical move towards a society powered by renewable energy."

Heather Leibowitz, Director, Environment New York said, "Offshore wind needs to be a significant part of the energy mix. It is key to putting the Empire State on a path toward an economy powered entirely by renewable energy. The 90-megawatts of energy produced off east Montauk will get us one step closer to this goal."

Kim Fraczek Co-Director, Sane Energy Project said, "This is a big step for New York State to begin a real transition to a renewable economy. Governor Cuomo and LIPA's decision to begin an Offshore Wind manufacturing hub right here at home is a positive signal that we are creating the way for utility scale offshore wind in our near future."

Ling Tsou, Co-founder, United for Action said, "We are very excited to see the first offshore wind farm becoming a reality in New York State. This is a good beginning with more to follow."

PHIL BOYLE SENATOR, 4TH DISTRICT COMMITTEE CHAIRPERSON

COMMERCE, ECONOMIC DEVELOPMENT AND SMALL BUSINESS

July 18, 2016



THE SENATE STATE OF NEW YORK ALBANY 12247 COMMITTEES CODES CONSUMER PROTECTION FINANCE HOUSING, CONSTRUCTION AND COMMUNITY DEVELOPMENT JUDICIARY LOCAL GOVERNMENT RACING, GAMING AND WAGERING

Thomas Falcone, Chief Executive Officer Long Island Power Authority 333 Earle Ovington Blvd. Suite 403 Uniondale, NY 11553 tfalcone@lipower.org

Dear Mr. Falcone,

I write to applaud the Long Island Power Authority's consideration of the proposed 90megawatt, 15-turbine wind farm east of Montauk and encourage the Board of Directors to approve the Deep Water Wind proposal at their scheduled July 20, 2016 meeting.

As you know, I have long been an advocate for offshore wind being brought to the United States. European countries are far ahead of us in the use of this remarkable technology. Offshore wind power is the greatest untapped, local renewable energy source and is the only clean energy investment that can produce electricity at the scale necessary to meet our demands here on Long Island.

Deep Water's plan to place the turbines at about 30 miles offshore will put them over the horizon and well out of view of the residents of Long Island. In addition, their proposed lithium-ion battery technology to store energy will provide much needed relief during peak demands for electricity.

With major changes in New York's energy markets in recent years, including retirements of both coal and nuclear generation and an increasing reliance on natural gas, it is more essential than ever to increase local renewable energy sources on a large scale. The proposal by Deep Water Wind will create jobs, and will ensure the protection of New York's coast line, the tourism industry, and the quality of life for all here on Long Island.

Best regards,

Phil Boyle Member of the Senate

1 Jyl

PB/sp

DISTRICT OFFICE: 69 W MAIN ST., SUITE B • BAY SHORE, NY 11706 • (631) 665-2311 FAX (631) 206-2090 ALBANY OFFICE: ROOM 814 • LEGISLATIVE OFFICE BUILDING • ALBANY, NY 12247 • (518) 455-3411 FAX (518) 426-6973 E-MAIL ADDRESS: PBOYLE@NYSENATE.GOV • WEBSITE: BOYLE.NYSENATE.GOV



KENNETH P. LAVALLE SENATOR IST SENATE District CHAIRMAN, MAJORITY CONFERENCE CHAIRMAN COMMITTEE ON HIGHER EDUCATION

September 16, 2014

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, New York 12224

Dear Governor Cuomo:

On behalf of the citizens of the First Senatorial District, encompassing eastern Long Island, I want to express my support for the approval and use of alternative energy modalities to power Long Island. Wind, solar, and other new sources of energy are critically important to meet both our energy demands and the environmental balance we must achieve in our overall energy strategy.

THE SENATE STATE OF NEW YORK

Presently, there is a pending project by Deepwater Wind that would greatly bolster the East End's energy reliability, be environmentally friendly and help stabilize rates for residents. The proposed wind farm would be located 30 miles off shore, so it would have little or no impact on any community. Deepwater Wind is taking measures to accommodate wildlife and the migration of the various bird species that traverse the area. No overhead line would be added to the landscape as the plans call for underground cables to carry the new energy.

Deepwater Wind's proposal would be scalable to address Eastern Long Island's needs, create hundreds of construction jobs and subsequent permanent positions to operate and maintain the facility. The company has completed the necessary federal licensing requirements for the land leasing process, assuring its ability to be operational within a reasonable time frame.

Additionally, as Chairman of the NY State Senate Higher Education Committee, I have long supported the pairing of Higher Education and private industry. The collaboration benefits students, researchers and the local economy. I am pleased that Deepwater Wind has begun discussions with Stony Brook University concerning the synergies that can develop with the information obtained from wind power research and development.

28 NORTH COUNTRY ROAD MOUNT SINAL NEW YORK 11766 [631] 473-146] Page 2 of 2

Approving Deepwater Wind's current proposal would be a positive step in encouraging this and other alternative energy initiatives to come to New York. Deepwater Wind has my support, and I look forward to working with all stakeholders to help realize the full potential of this project.

Sincerely yours,

10. Kenneth P. LaValle

New York State Senator

cc: PSEG Long Island Mr. David M. Daly, President & COO 333 Earle Ovington Boulevard 4th Floor Uniondale, New York 11553

> LIPA Mr. Ralph Suozzi, Chairman 333 Earle Ovington Boulevard 4th Floor Uniondale, New York 11553



THE ASSEMBLY STATE OF NEW YORK ALBANY

COMMITTEES Ways & Means Education Election Law Environmental Conservation Ovorsight, Analysis & Investigation Transportation MEMBER Assembly Majority Steering Committee

FRED W. THIELE, JR. Assemblyman 1st District CHAIR Assembly Committee on Libraries and Education Technology

August 11, 2014

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, NY 12224

RE: Offshore Wind for Long Island's East End

Dear Governor Cuomo:

As the Assemblyman representing the 1st District in the New York State Assembly, I write to express my support for Deepwater Wind's proposed offshore wind farm serving Long Island's East End.

Long Island, and particularly the East End, faces unique energy and economic challenges. As one of the few parts of Long Island in which energy demands continue to grow, we facing a steadily increasing need for new sources of power. Our existing electricity grid is operating at its limits and, given our population density and our commitment to conservation, building any new energy infrastructure here is difficult, often controversial, and always time-consuming and costly.

Deepwater Wind's project can be an important part of addressing the East End's energy challenges, both near-term and long-term. By producing most of its energy during the middle of the day, when LIPA needs it most, Deepwater Wind's proposal is likely to help to stabilize rates. And, given that the wind turbines will be located over 30 miles offshore, and that all the upland cable will be buried under existing public roads, Deepwater Wind's proposal is expected to have little aesthetic impact on the local community.

Over the long term, the large size and scalability of Deepwater Wind's project allows it to provide meaningful quantities of new clean power to the East End. As demand for energy grows, Deepwater Wind's project has the unique ability to grow with it.

Deepwater Wind's proposal is, in many ways, more attractive to the East End than many other new sources of energy. Unlike new overhead transmission lines, Deepwater Wind's proposal will not add unsightly clutter to our streets and neighborhoods. And, while solar power certainly has a place on Long Island, its large land requirements make it difficult to be counted

ALBANY OFFICE: Boom 749, Logislative Office Building, Albany, New York 12248 • 518-455-5997, FAX: 518-455-5963 DISTRICT OFFICE: 2302 Main Street, P.O. Box 3062, Bridgehampton, New York 11932 • 631-537-2585, FAX: 631-537-2586 thelef@assambly.state.ny.us on as significant part of the East End's long-term energy plans.

Offshore wind is also important for Long Island as a source of job-creating economic development. Over 58,000 people are currently employed in the global offshore wind industry, with growth projected to reach 191,000 by 2020. Given our location, Long Island is ideally positioned to serve as a hub for the U.S. offshore wind industry, which would be a much-needed boost for our economy. To capture its benefits, we need to take a first step.

Deepwater Wind's proposal can be that first step. As the only offshore wind development near Long Island to have completed the necessary federal leasing process, Deepwater Wind's project has the unique ability to be in service many years before other projects, ensuring that Long Island will be at the forefront of the U.S. offshore wind industry.

Most importantly, by committing to establish a local facility for project logistics and assembly, Deepwater Wind's proposal will not only create hundreds of Long Island-based jobs in the near term, but also will establish the infrastructure and skilled labor force necessary to give Long Island a long-term competitive advantage in the offshore wind industry.

I look forward to working with your administration to bring about a better energy future for the East End by realizing the potential of offshore wind with Deepwater Wind's proposal.

Sincerely Fred W. Thiele Member of Assembly

Assemblymember Amy Paulin, Chair, Assembly Committee on Energy Assemblymember Steve Englebright

1-712

Assemblymember Anthony Palumbo

12. 35

Senator Ken LaValle

CC:

Richard Kauffman, Chairman of Energy and Finance, New York State John Rhodes, President and Chief Executive Officer, NYSERDA John McMahon, Chief Operating Officer, Long Island Power Authority David Daly, President and Chief Operating Officer, PSEG Long Island Julia Bovey, Director, Department of Public Service, Long Island



THE ASSEMBLY STATE OF NEW YORK ALBANY

October 29, 2014

The Honorable Andrew M. Cuomo New York State Capitol Building Albany, NY 12224

Re: Offshore Wind Power for Long Island

Dear Governor Cuomo:

We write in demonstration of our strong support for offshore wind power generation for Long Island and to urge your continued support.

Offshore wind power perfectly complements PSEG's Utility 2.0 Long Range Plan's goal of deeper penetration into clean, renewable energy production and is a necessary component of any future thinking state-wide energy plan.

Prevalent wind conditions found offshore Long Island present a tremendous opportunity to generate clean, renewable energy at the capacity needed to meet NY State's renewable and energy efficiency goals, including reaching the 50% carbon emission reduction by 2030 and the 80% reduction by 2050.

Additionally, offshore wind power is a job producing global industry with over 70 projects across 10 countries and 2,000 turbines spinning off the coast of Europe. Worldwide, offshore wind is supporting over 58,000 long-term quality jobs across a variety of sectors with growth projected to reach 191,000 by 2020.

New York is on the threshold of creating a significant market opportunity for offshore wind power through LIPA's 280 MW renewable energy request for proposals. Making the commitment to move forward with a significant offshore wind project this year will not only help New York further its state-wide carbon reduction and renewable energy goals but will create hundreds of Long-Island based jobs in the short term and positions Long Island to serve as a major regional hub for the U.S. offshore wind industry in the long term.

A commitment to advance offshore wind with the Deepwater ONE project will enable our region to establish the infrastructure, supply chain, port revitalization and quality labor force necessary to give Long Island and New York the long-term competitive edge in an emerging offshore wind industry.

We urge the Administration to take the following steps to bring clean, job-creating offshore wind power online in New York:

- 1. Advancing offshore wind power by supporting the timely approval of the Deepwater ONE proposal currently under consideration by LIPA, no later than December 2014;
- 2. Establish and ensure at least a 10 year policy certainty for offshore wind power by incorporating incentives and policy objectives to scale up offshore wind in New York into the many administrative

proceedings underway including the final New York Energy Plan, the Clean Energy Fund, PSEG-LI Utility 2.0, the Green Bank, Reforming the Energy Vision (REV) process, and in New York's compliance with EPA's Clean Power Plan.

We look forward to working with your administration to bring about a better energy future by realizing the great potential of offshore wind power on Long Island.

Sincerely,

Steve Englebright

Anthony Palumbo

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Michael Fitzpatrick

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Harvey Weisenberg

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Joseph Saladino

Edward Hennessey

Philip Ranoz

Phil Ramos

Robert Sweeney

David McDonough

Tom McKevitt

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Michaelle Solages

Chad A. Jupnace

Chad Lupinacci

COUNTY OF SUFFOLK



OFFICE OF THE COUNTY EXECUTIVE

Steven Bellone SUFFOLK COUNTY EXECUTIVE

March 31, 2016

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, NY 12224

RE: Responsible Energy Development for Long Island's South Fork

Dear Governor Cuomo:

As the Suffolk County Executive, I write to express my support for the offshore wind power and energy storage projects proposed by Deepwater Wind in response to PSEG Long Island's "South Fork" Energy RFP.

Long Island, and particularly the South Fork, faces unique energy and economic challenges. As one of the few parts of Long Island in which energy demands continue to grow, we face a steadily increasing need for new sources of power. The South Fork's existing electricity grid is operating at its limits and, given our population density and our commitment to conservation, building any new energy infrastructure here is difficult, often controversial, and always timeconsuming and costly. Worse, the construction of unsightly new transmission lines or fossilfueled power plants could spoil our community's pristine beauty and undermine our tourist economy.

Our support is also premised on the expectation that Deepwater will consult and collaborate with Suffolk County's heritage commercial fishing industry. We expect the project to take efforts to minimize its impact on our vibrant commercial fisheries.

Deepwater Wind has proposed a solution that addresses our energy challenges while preserving the unique character of the South Fork. By locating the offshore wind farm 30 miles offshore, it

Page 2

will be over the horizon and will not impact views from our beaches. By installing energy storage facilities in Montauk and Wainscott, it will deliver reliable power without the noise or emissions that accompany conventional power plants. And, by providing enough clean energy for 50,000 Long Island homes, it will help to mitigate climate change and establish New York State as a leader in clean energy.

Deepwater Wind's proposal is, in many ways, more attractive to the South Fork than many other new sources of energy. Unlike new power generators or transmission lines, Deepwater Wind's proposal will not add unsightly clutter to our streets and neighborhoods.

Offshore wind is also important for Long Island as a source of job-creating economic development. Over 58,000 people are currently employed in the global offshore wind industry, with growth projected to reach 191,000 by 2020. Given our location, Long Island is ideally positioned to serve as a hub for the U.S. offshore wind industry, which would be a much-needed boost for our economy. To capture its benefits, we need to take a first step.

Deepwater Wind's proposal can be that first step. As a small project, Deepwater Wind's proposed 90 MW wind farm has the unique ability to serve as a pilot project, helping to validate the viability of a technology that is likely necessary to meet your proposed 50% Clean Energy Standard.

I look forward to working with your administration to bring about a better energy future for the South Fork by realizing the potential of offshore wind with Deepwater Wind's proposal.

Sincerely,

56m Ball

Hon. Steve Bellone Suffolk County Executive

CC: Richard Kauffman, Chairman of Energy and Finance, New York State Tom Falcone, Chief Operating Officer, Long Island Power Authority David Daly, President and Chief Operating Officer, PSEG Long Island

Statement on behalf of Town of East Hampton Supervisor Larry Cantwell before the LIPA Board of Trustees on March 21, 2016

Dear Chairman Suozzi and Trustees,

As we have mentioned in prior communications, the Town of East Hampton respectfully requests that the Long Island Power Authority select only clean and renewable energy proposals for meeting power needs on the South Fork.

As you know, Governor Cuomo and the State of New York have formulated important and aggressive carbon and renewable energy goals, among them the goal to reduce carbon emissions 80% by the year 2050 and a goal to supply 50% of our electricity from renewable energy sources by the year 2030.

Our community and town board are supporting the State's efforts with the needed local leadership and action. As a Climate Smart Community the Town of East Hampton is implementing its Climate Action Plan and the Town Board has adopted an aggressive goal to meet 100% of community-wide electricity needs from renewable energy sources by 2020. The Town has also just completed the first phase of the NY-Prize Community Microgrid study and is hoping to advance this initiative in the coming months.

To achieve these state and local goals, our community is eager to act without delay. We embrace emission-free technologies such as energy efficiency, demand management and energy storage solutions, as well as renewable power sources such as solar photovoltaic technology and offshore wind power.

On the South Fork of Long Island, the availability of suitable land for larger scale renewable energy installations like solar farms and land-based wind turbines is limited. While we need to pursue all opportunities for siting solar arrays and other renewables here, it is clear that we will need to utilize our offshore wind resources to generate a large part of our electricity needs.

Time is of the essence since some of large scale renewable energy installations like offshore wind farms will take a number of years before they are permitted and built.

We stand at the ready to work with you and others to ensure that the much needed transition to a clean energy economy in our community, on Long Island, and in the State of New York can proceed without delay and we hope that you will work with us to reach these goals together.

Thank you for your consideration,

Larry Cantwell Supervisor Town of East Hampton, NY



TOWN OF EAST HAMPTON

159 Pantigo Road East Hampton, New York 11937

LARRY CANTWELL Supervisor (631) 324-4140 lcantwell@ehamptonny.gov

July 14, 2016

Town's Energy Goals on the Horizon: LIPA Announces Support for Offshore Wind Farm

The Long Island Power Authority (LIPA) today announced plans to award to Deepwater Wind the construction of the largest offshore wind farm in the United States in federally leased waters 30 miles off Montauk.

LIPA is expected to formally approve the proposed 90-megawatt, 15-turbine wind farm east of Montauk at a board meeting next Wednesday, Thomas Falcone, chief executive officer for LIPA told The Associated Press.

In 2014, the East Hampton Town Board unanimously adopted the Town's 100% Renewable Energy Goals. The Town has also adopted a Climate Action Plan and has been certified by New York State as a Climate Smart Community.

"The Town has supported offshore wind, and Deepwater Wind's project was an integral part of the Town Board's plan when it unanimously adopted the Town's 100% renewable energy goals in 2014," said East Hampton Town Supervisor Larry Cantwell. "The Town's policy is paving the way for renewables, wind, solar, and conservation to become a real alternative to massive transmission lines and greenhouse-gas-emitting fossil fuels."

"The Town's renewable energy goals and the hard work of many individuals who support the Town Board's decision really highlights how East Hampton is leading by example," said Town Councilwoman Sylvia Overby. "LIPA's decision brings the 100% renewable energy goal significantly closer to reality."

"The Town held a number of outreach events, with staff from Natural Resources and volunteers of the Energy & Sustainability Committee engaging the community and LIPA in order to achieve our 100% renewable energy goals, including but not limited to offshore wind," said Environmental Analyst John Sousa-Botos of the Town's Natural Resources Department. "Offshore wind is just one piece of the puzzle. The Town will continue to work with the public to reduce peak power and improve overall residential energy efficiency."

Supervisor Cantwell added, "Offshore wind is a part of the Town's strategy to address the forecasted energy shortage on the South Fork and potentially become a source of new jobs in the wind energy industry. Wind and other projects currently being planned will provide for more reliable, resilient, and affordable power in East Hampton."



Town of Brookhaven Long Island

Edward P. Romaine, Supervisor

March 31, 2016

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, NY 12224

RE: Responsible Energy Development for Long Island

Dear Governor Cuomo:

I support the offshore wind power and energy storage projects proposed by Deepwater Wind in response to PSEG Long Island's "South Fork" Energy RFP.

Deepwater Wind's proposal is more attractive for Long Island than many other new sources of energy. Unlike new power generators or transmission lines, Deepwater Wind's proposal will not add unsightly clutter to our streets and neighborhoods. And, while solar power certainly has a place on Long Island, its large land requirements make it difficult to be counted on as significant part of our long-term energy plans.

Offshore wind is also important for Long Island as a source of job-creating economic development. Over 58,000 people are currently employed in the global offshore wind industry, with growth projected to reach 191,000 by 2020. Given our location, Long Island is ideally positioned to serve as a hub for the United States offshore wind industry, which would be a much-needed boost for our economy. To capture its benefits, we need to take a first step.

Deepwater Wind's proposal can be that first step. As a small project, Deepwater Wind's proposed 90 MW wind farm has the unique ability to serve as a pilot project, helping to validate the viability of a technology that is likely necessary to meet your proposed 50% Clean Energy Standard.

Office of the Supervisor

One Independence Hill • Farmingville • NY 11738 • Phone (631) 451-9100 • Fax (631) 451-6677 www.brookhaven.org

Printed on recycled paper

Governor Andrew M. Cuomo March 31, 2016 Page 2

I look forward to working with your administration to bring about a better energy future for Long Island by realizing the potential of offshore wind with Deepwater Wind's proposal.

Sincerely,

mo

Edward P. Romaine, Supervisor Town of Brookhaven

EPR/mo

cc: Richard Kauffman, Chairman of Energy and Finance, New York State Tom Falcone, Chief Operating Officer, Long Island Power Authority David Daly, President and Chief Operating Officer, PSEG Long Island



TOWN OF RIVERHEAD

Sean M. Walter, Town Supervisor

200 Howell Avenue, Riverhead, NY 11901 Tel: (631) 727-3200 / Fax: (631) 727-6712 www.townofriverheadny.gov

May 14, 2014

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, NY 12224

RE: Offshore Wind Farm for Long Island's East End

Dear Governor Cuomo:

As the Supervisor of the Town of Riverhead, I write to express my support for Deepwater Wind's proposed offshore wind farm serving Long Island's East End.

Long Island, and particularly the East End, faces unique energy and economic challenges. As one of the few parts of Long Island in which energy demands continue to grow, we are facing a steadily increasing need for new sources of power. Our existing electricity grid is operating at its limits and, given our population density and our commitment to conservation, building any new energy infrastructure here is difficult, often controversial, and always time-consuming and costly.

Deepwater Wind's project can be an important part of addressing the East End's energy challenges, both near-term and long-term. By producing most of its energy during the middle of the day, when LIPA needs it most, Deepwater Wind's proposal is likely to help to stabilize rates. And, given that the wind turbines will be located over 30 miles offshore, and that all the upland cable will be buried under existing public roads, Deepwater Wind's proposal is expected to have little aesthetic impact on the local community.

Over the long term, the large size and scalability of Deepwater Wind's project allows it to provide meaningful quantities of new clean power to the East End. As demand for energy grows, Deepwater Wind's project has the unique ability to grow with it.

Deepwater Wind's proposal is, in many ways, more attractive to the East End than many other new sources of energy. Unlike new overhead transmission lines, Deepwater Wind's proposal will not add unsightly clutter to our streets and neighborhoods. And, while solar power certainly has a place on Long Island, its large land requirements make it difficult to be counted on as a significant part of the East End's long-term energy plans.

Offshore wind is also important for Long Island as a source of job-creating economic development. Over 58,000 people are currently employed in the global offshore wind industry, with growth projected to reach 191,000 by 2020. Given our location, Long Island is ideally positioned to serve as 2 | P a g e Honorable Andrew M. Cuomo May 14, 2014



a hub for the U.S. offshore wind industry, which would be a much-needed boost for our economy. To capture its benefits, we need to take a first step.

Deepwater Wind's proposal can be that first step. As the only offshore wind development near Long Island to have completed the necessary federal leasing process, Deepwater Wind's project has the unique ability to be in service many years before other projects, ensuring that Long Island will be at the forefront of the U.S. offshore wind industry.

Most importantly, by committing to establish a local facility for project logistics and assembly, Deepwater Wind's proposal will not only create hundreds of Long Island-based jobs in the near term, but also will establish the infrastructure and skilled labor force necessary to give Long Island a long-term competitive advantage in the offshore wind industry.

I look forward to working with your administration to bring about a better energy future for the East End by realizing the potential of offshore wind with Deepwater Wind's proposal.

Sincerely, TOWN OF RIVERHEAD

M. Watter

Hon. Sean M. Walter Supervisor

SMW:cas

cc:

Senator Dean Skelos
Senator Kenneth LaValle
Assembly Member Amy Paulin, Chair, Assembly Committee on Energy
Assemblymember Steve Englebright
Assemblymember Fred Thiele
Assemblymember Bob Sweeney
Assemblymember Anthony Palumbo
Richard Kauffman, Chairman of Energy and Finance, New York State
John Rhodes, President and Chief Executive Officer, NYSERDA
John McMahon, Chief Operating Officer, Long Island Power Authority
David Daly, President and Chief Operating Officer, PSEG Long Island



LONG ISLAND REGIONAL PLANNING COUNCIL



John D. Cameron Jr., Chair Richard Guardino, Vice-Chair Jeffrey Kraut, Treasurer Theresa Sanders, Secretary Elizabeth Custodio Hon. Barbara Donno Nancy Engelhardt Hon. Edward Romaine Hon. Ralph Scordino Hon. Anthony Santino Michael White

January 20, 2017

Thomas Falcone, Chief Executive Officer, LIPA Ralph V Suozzi, Chairman of Long Island Power Authority Board of Trustees Members of Long Island Power Authority Board of Trustees

The Long Island Regional Planning Council has been privileged to have presentations by LIPA Chief Executive Officer, Thomas Falcone and Deepwater Wind Vice President, Clint Plummer at recent Council meetings.

We are pleased to learn that LIPA and PSEG have concluded talks on a wind farm contract with Deepwater Wind. The promise of new economic opportunities that LIPA's off-shore wind project can bring to Long Island is reason to celebrate and support New York State's first off-shore wind farm. We applaud the commitment to clean energy and wind power and see this as a unique opportunity for Long Island to lead in this growing industry and become a hub for offshore wind development.

Long Island's energy future and economic growth are inter-related and the Long Island Regional Planning Council embraces the opportunity to address both of these issues of regional significance.

Very truly yours,

Richard V. Duarding

Richard V. Guardino, Jr. Executive Director

1864 Muttontown Road, Syosset, New York 11791 (516) 571-7613 100 Veterans Memorial Highway, Hauppauge, New York 11788



Kevin S. Law President & Chief Executive Officer

March 24, 2014

Governor Andrew Cuomo State of New York Executive Chamber Albany, NY 12224

Re: Proposed Offshore Wind Farm

Dear Governor Cuomo:

The Long Island Association supports the efforts of Deepwater Wind to build an offshore wind farm off the coast of Block Island that could also serve Long Island. Establishing a wind farm would not only improve the environment and diversify the fuel supply used to generate electricity on Long Island, but it could accelerate the region's development of a clean energy economy and new job growth.

Deepwater Wind's proposal is exciting and should be helpful in meeting our future energy needs. If approved, the wind farm could deliver energy to the East End of Long Island where new power supplies are needed and where it is difficult and expensive to build new sources of electric generation.

Previously, the LIA recommended that the Long Island Power Authority should donate unused land at the Shoreham Nuclear Power Plant site for a renewable energy manufacturer. The opportunity to reuse the Shoreham site for assembling Deepwater's and other wind projects could make Long Island a hub of wind energy activity. Additionally, Deepwater has pledged funding to Stony Brook University to develop local technological expertise and innovation, which would help build a clean energy workforce, in addition to the construction jobs that would be created.

It is for these reasons the LIA supports the offshore wind proposal by Deepwater Wind.

Respectfully Submitted, a

Kevin S. Law President & CEO Long Island Association

cc: Long Island Delegation of the New York State Legislature Richard Kauffman, Chairman of Energy & Finance for New York State John McMahon, LIPA David Daly, PSEG-LI

Leading Long Island Since 1926

300 Broadhollow Road • Suite 110W • Melville, NY 11747 631-493-3000 • Fax 631-499-2194 • www.longislandassociation.org



March 24, 2014

Hon. Andrew Cuomo Office of the Governor State Capitol Albany, New York 12224

Dear Governor:

Over the years no business advocacy organization has been more outspoken than the ABLI on the issue of affordable energy on Long Island. With its members comprised of \$15 billion worth of commercial, industrial, residential and retail real estate, our association represents the largest energy consumers in the bi-county region.

Faced with the burden of utility bills that threaten the competitive position of the Long Island economy, our membership seeks and supports those initiatives that will strategically alter our dependency on fossil fuels and address the seasonal commodity price spikes that seriously harm every energy consumer.

For that reason the ABLI is supporting an innovative plan to site a wind farm some 30 miles off of Montauk Point currently being proposed by the company Deepwater Wind. Having been recently briefed by company representatives we are particularly impressed with this project's ability to produce power during the middle of the business day when it's needed most and thereby bring a measure of stability to energy prices in New York. Over the long term, it is clear, this will be a significant advantage for the state and the Long Island region as we seek to attract new business and create genuine job growth.

Based on the European experience it is also clear that off shore wind has become a significant worldwide industry. It is projected that it will be a \$20 billion industry annually for at least the next decade and yet the United States currently reflects just a fraction of that statistic. The U.S. Dept. of Energy provides insight into its domestic potential by projecting that by 2030 as many as 70,000 people could be employed in offshore wind on

the East Coast alone. Capturing even a portion of that would be a boom for Long Island's economy.

As your Administration considers how best to proceed with a 21st Century energy masterplan for New York the ABLI believes that renewable energy needs to be very much part of the formula to ensure the Administration's success. Job growth, stabilized rates and one more alternative to fossil fuel commodity prices made it easy for our business leaders to endorse this proposal.

Very truly yours,

Desmond Ryan ABLI Executive Director



Advocating Responsible Building & Remodeling

March 20, 2014

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, NY 12224

Re: Proposal to Supply On-Island Renewable Energy and Capacity to LIPA

Dear Governor Cuomo:

On behalf of the Long Island Builders Institute and its members, I write to express our support for Deepwater Wind's proposal to bring clean, affordable offshore wind energy to Long Island.

Since its formation in 1941, LIBI has been the voice of building industry professionals who are dedicated to making Long Island a better place to live and work, by creating a balance between the economy, the environment and development opportunities for all our communities and our residents. The plan proposed by Deepwater Wind will stabilize our energy prices, stimulate the local economy, create job growth and development opportunities right here on Long Island.

Offshore wind has become a significant worldwide industry, as evidenced in Europe. It is projected that it will be a \$20 billion industry annually for at least the next decade and yet the United States currently reflects just a fraction of that statistic. The U.S. Dept. of Energy provides insight into its domestic potential by projecting that by 2030 as many as 70,000 people could be employed in offshore wind on the East Coast alone. Capturing even a portion of that would be a boom for Long Island's economy.

Thank you for your consideration. We look forward to working with your administration to bring offshore wind to Long Island.

Sincerely Mitch Pally

Chief Executive Officer



Office of the Dean College of Engineering and Applied Sciences Stony Brook, NY 11794-2200

TEL: 631-632-8380 FAX: 631-632-8205 March 28, 2014

Deepwater Wind ATTN: Jeff Grybowski, CEO 56 Exchange Terrace, Ste. 101 Providence, RI 02903

Re: Stony Brook University / Deepwater Wind Collaboration

Dear Mr. Grybowski:

I am pleased to write this letter to show our enthusiastic support for your proposal to LIPA.

As you know, Stony Brook University (SBU) is the top public research university in New York State, one of the top thirty-five in the United States and among the top 1% of universities in the world.

Based on my research of the global offshore wind market, I've come to believe that offshore wind energy can be a cost-effective source of new energy for Long Island, and also an important new industry that can bring needed jobs and investment to Long Island.

Given our strong research and engineering programs at, our strategic location on Long Island and our unique assets such as the School of Marine & Atmosphere Sciences (SoMAS) and the Advanced Energy Research and Technology Center (AERTC), Stony Brook is ideally positioned to play a leading role in the development of the U.S. offshore wind industry.

We are delighted to be working with Deepwater Wind – the leading developer in the U.S. of the offshore wind market – and believe that this partnership has the potential to make Stony Brook University a global leader in offshore wind research, teaching and innovation.

We support your project because of the unique opportunities it provides Stony Brook and Long Island. Your contribution of state-of-the-art laser-based meteorological equipment to SoMAS will provide helpful data to students and researchers. Your sponsored research activity at AERTC is helping to advance the understanding of the economics of renewable energy. And, your willingness to provide access to the engineering, construction and logistics of your proposed offshore wind farm create invaluable research and teaching opportunities for our faculty and students.

We look forward to continuing to work with you in the development of this exciting project.

Sincerely yours,

Your Chan

Yacov Shamash, Dean College of Engineering and Applied Sciences



The State University of New York



March 25, 2014

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, NY 12224

Dear Governor Cuomo:

I am writing to express the Long Island Federation of Labor's support for the offshore wind farm being proposed by Deepwater Wind. We believe their proposal will not only provide our region with clean, affordable, renewable energy, but well paying union jobs that will have an immediate and positive impact on the economy.

We believe the European experience with offshore wind is a positive example of the ways we can benefit in New York State. There are approximately 58,000 people employed by the offshore wind industry in Europe today, and that number is growing. Entire cities have been transformed into industrial hubs for the industry, and Long Island has the opportunity to be at the forefront of this new emerging industry in the United States.

The Federation not only endorses Deepwater Wind's plan, but also seeks to be an active, public and vocal supporter. Long Island is perfectly positioned to take advantage of this new industry, and to become a hub of manufacturing as more offshore wind farms are built here in the Northeast. Offshore wind has the potential to revitalize our aging manufacturing base and afford our workforce a competitive advantage to develop the unique skills needed to assemble offshore wind projects throughout the Eastern Seaboard.

As you consider this proposal and the state's need for new sources of energy that strengthen our economy and job growth, please count the Federation as a supporter of the Deepwater Wind proposal.

Sincerely,

John R. Durso President

> 390 Rabro Drive · Hauppauge · New York · 11787 (631) 348-1170 Fax (631) 348-1180



March 26, 2014

To Governor Andrew Cuomo, PSEG Long Island President and Chief Operating Officer David Daly, and Chairman of the Board of the Long Island Power Authority Ralph Suozzi:

On behalf of the local, state, and national organizations signed below and our millions of members and supporters in New York and across the country, we welcome the Request for Proposals (RFP) from Long Island Power Authority (LIPA) for new renewable generation to strengthen the future of the island's energy system. We are brought together by our collective concern about the dangerous consequences of our over-reliance on carbon-polluting fuels for current and future generations of New York's coastal communities and wildlife, and we stand together in support of increasing our state's use of clean energy. With this RFP, LIPA has the opportunity to set New York on a pathway toward a cleaner, more resilient and affordable energy future.

The persisting devastation of Hurricane Sandy and the immense challenges of climate change and ocean acidification demand bold leadership and effective solutions from New York's leaders. LIPA has a critical role to play in driving those solutions forward. There is a world-class utility-scale clean energy resource sitting just off New York's coast, ready to be harnessed. For example, Deepwater Wind's proposal to power Long Island with offshore wind offers an opportunity to choose locally-produced, valuable clean power, diversify Long Island's energy mix, and put us on track

to meeting and increasing New York's renewable energy targets and goals. Our national, state, and local organizations are united in support of responsible development of offshore wind power, and we urge New York to take pride in leading the nation toward this shining clean energy frontier.

Offshore wind power is a booming global industry that for more than twenty years has been providing clean, renewable energy – and thousands of long-term jobs – to coastal communities in Europe without harming local coastal and marine resources. Now, the U.S. can benefit from years of lessons learned across the Atlantic and start America's next energy chapter with the advanced technology and expertise available today to build projects far offshore, where the stronger wind resource provides even greater environmental and economic benefits. Atlantic offshore wind power blows strongest at times of peak energy demand and can deliver significant amounts of clean power into the grid at the moments we need it.

We strongly urge New York to embrace and incorporate the potential of offshore wind power and utilize its close proximity to our increasingly demanding energy markets. For the sake of coastal resiliency, local jobs, increased investments in economic development and manufacturing, wildlife, and future generations of New Yorkers, we thank you for inviting proposals for large-scale renewable energy and look forward to working with you to advance offshore wind for New York.

Sincerely,

Kevin Sheen, Chairman Alliance for Clean Energy New York

Jessica Azulay, Program Director Alliance for a Green Economy

Adrienne Esposito, Executive Director Citizens Campaign for the Environment

Peter Iwanowicz, Executive Director Environmental Advocates of New York

Rory Christensen, Director – NY Smart Power Environmental Defense Fund

Heather Leibowitz, Director Environment New York

Lisa Tyson, Director Long Island Progressive Coalition

2

Curtis Fisher, Northeast Regional Executive Director National Wildlife Federation

Katherine Kennedy, Clean Energy Council Natural Resources Defense Council

Marcia Bystryn, President New York League of Conservation Voters Rebecca Weber, Executive Director New York Public Interest Research Group

William Toedter, President North Fork Environmental Council

Jacqueline Savitz, Vice President - U.S. Oceans Oceana

Dave Gahl, Director of Strategic Engagement Pace Energy & Climate Center

Gordian Raacke, Executive Director Renewable Energy Long Island

Curt Johnson, Executive Director Save the Sound

Lisa Dix, Senior New York Representative Sierra Club

Neal Lewis, Executive Director Sustainability Institute at Molloy College

Eric Alexander, Executive Director Vision Long Island

CC:

Richard Kauffman, Chairman of Energy Policy and Finance for the State of New York John Rhodes, President and CEO, New York State Energy Research and Development Authority Gil Quiniones, President and CEO, New York Power Authority John McAvoy, President and CEO, Consolidated Edison, Inc. Tom Congdon, Deputy Secretary for Energy Republican Conference Leader Dean G. Skelos Speaker Sheldon Silver Senator Kenneth P. LaValle Senator Philip Boyle Senator George D. Maziarz Assemblymember Amy R. Paulin Assemblymember Robert K. Sweeney Assemblymember Fred W. Thiele, Jr. Assemblymember Steven Englebright Edward P. Mangano, Nassau County Executive Steven Bellone, Suffolk County Executive



Planning | Transportation | Land Development | Environmental Services

Creating results for our clients and benefits for our communities

March 24, 2014

Ref: 29137.02

The Honorable Andrew M. Cuomo Governor of State of New York New York State Capitol Building Albany, NY 12224

Re: Support Letter for Deepwater Wind Long Island Wind Farm

Dear Governor Cuomo:

It is with great pleasure that VHB expresses its support for Deepwater Wind's proposed offshore wind farm serving Long Island.

As Long Island's energy demands continue to grow, and as energy costs have been a consistent issue on Long Island, Deepwater Wind's environmentally-sound and cost-competitive proposal is an attractive component of Long Island's long-term energy strategy. Moreover, given that the wind turbines will be located over 30 miles offshore, and that all the upland cable will be buried under existing public roads, Deepwater Wind's proposal is expected to have little aesthetic impact on the local community.

In addition, Deepwater Wind is proposing to develop a project logistics and assembly facility in the Town of Brookhaven on Long Island, and is researching several locations, including the Shoreham Nuclear Power Plant property, as well as others. By locating this facility on Long Island, Deepwater Wind will create hundreds of jobs and will help establish an important new industry on Long Island.

It is my understanding that as part of the off-shore wind farm development, Deepwater has committed to working with the State University of New York at Stony Brook to develop an off-shore wind research institute, and will provide significant funding for same.

VHB is proud to be part of the Deepwater Wind team, and looks forward to the successful development of the environmentally- and economically-sound off-shore wind farm.

Sincerely,

VHB Engineering, Surveying and Landscape Architecture, P.C.

Theresa Elkowitz

Theresa Elkowitz Principal

TE/ba

P:\29137.02 Deepwater Wind Farm\ProjRecords\FinalDocs\Deepwater Support Ltr_3-24-14.docx

VHB Engineering, Surveying and Landscape Architecture, P.C. 2150 Joshua's Path, Suite 300 Hauppauge, New York 11788 631.234.3444 = FAX 631.234.3477 www.vhb.com



March 25, 2014

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, NY 12224

RE: Offshore Wind for Long Island

Dear Governor Cuomo:

As an upstate New York-based renewable energy entrepreneur, I am delighted to offer my support for Deepwater Wind's proposal to bring clean, affordable offshore wind energy to Long Island.

AWS Truepower is an Albany-based company with decades of experience in renewable energy all over the world. We have advised on roughly 100 GW of proposed and operating wind and solar energy projects, which are located on land as well as in offshore waters. And we've worked closely with NYSERDA, NYPA, ConEdison and others to evaluate the technical and market potential of offshore wind energy to benefit Long Island, New York City, and the State as a whole.

Based on my 35 years of experience in advising governments, private companies and NGO's in a wide variety of clean energy issues, I believe that offshore wind can be a good energy policy choice for places like Long Island, where it is difficult and costly to build any other new form of clean energy at a large scale.

Given our commitment to New York State, we encourage any opportunity that will bring with it a stronger infrastructure, a clean energy economy, local investments, and more jobs. We believe that the proposal submitted by Deepwater Wind will do just that.

Not only will Deepwater Wind's proposal will bring hundreds of jobs to New Yorkers in the near term, but it also position us for real, long-term sustainable job growth in the emerging renewable energy industry.

Long Island is perfectly positioned to take advantage of this new industry, and to become a hub of manufacturing as more offshore wind farms are built here in the Northeast. Offshore wind has the potential to revitalize our aging industrial ports, and afford our workforce a competitive advantage to develop the unique skills and experience needed to build more offshore wind projects in the region.

As a New York business, we look forward to working with your administration to bring offshore wind to Long Island so that we can get back on track to putting Long Islanders to work.

Sincerely,

Burat Bil

Bruce H. Bailey, Ph.D. Chief Executive Officer

AWS Truepower, LLC | 463 New Karner Road | Albany, NY 12205 | USA | p: 518-213-0044 | awstruepower.com



March 26, 2014

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, NY 12224

Re: Proposal to Supply On-Island Renewable Energy and Capacity to LIPA

Dear Governor Cuomo:

It is with great enthusiasm that Siemens Power Technologies International offers its support for Deepwater Wind's proposal to bring clean, affordable offshore wind energy to Long Island.

Siemens Power Technologies International has an office in Schenectady, NY with over forty years of experience providing power systems consulting services to the energy sector.

With strong ties to New York State, we support any opportunity that will bring with it a stronger infrastructure, a clean energy economy and local investments that are beneficial for all New Yorkers.

Long Island is uniquely positioned to take advantage of this new industry, and to become a hub of offshore wind technology. Offshore wind has the potential to revitalize our aging industrial ports, and afford our workforce a competitive advantage to develop the unique skills and experience needed to build more offshore wind projects in the region and throughout the country.

As a New York business, we support Deepwater Wind's long term strategic goals of developing clean power within the United States and recommend you give the Deepwater Wind proposal the consideration it deserves.

Sincerely,

Clycle Cut

Clyde Custer, PE Siemens Power Technologies International Senior Director, Network Consulting

THE HALLEN CONSTRUCTION CO., INC

4270 AUSTIN BLVD P.O. BOX 9003 ISLAND PARK, NY 11558-9003



AREA CODE 516 TEL 432-8300 FAX 432-8406

March 13, 2014

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, NY 12224

Re: Proposal to Supply On-Island Renewable Energy and Capacity to LIPA

Dear Governor Cuomo:

It is with great enthusiasm that The Hallen Construction Co., Inc. offers its support for Deepwater Wind's proposal to bring clean, affordable offshore wind energy to Long Island.

The Hallen Construction Co., Inc. is a Long Island based company with over 85 years of experience building major infrastructure projects in the Long Island area. The Hallen Construction Co., Inc. incorporated in the state of NY since 1927, is a general contracting firm dedicated to pipeline and utility work. For over the past eighty five years, we have been and continue to be one of the principal contractors in the New York Metro area performing pipeline installations, maintenance and repair for National Grid, Con Edison and other pipeline companies. Project sizes range from \$500,000 to \$40,000,000.

With strong ties to the Long Island community, we encourage any opportunity that will bring with it a stronger infrastructure, a clean energy economy, local investments, and more jobs. We believe that the proposal submitted by Deepwater Wind will do just that.

Not only will Deepwater Wind's proposal bring hundreds of jobs to Long Islanders in the near term, but it also positions us for real, long-term sustainable job growth in the emerging renewable energy industry.



An equal opportunity employer BIC registration # 387



The Honorable Andrew M. Cuomo Governor of New York State March 13, 2014 Page 2

Long Island is perfectly positioned to take advantage of this new industry, and to become a hub of manufacturing as more offshore wind farms are built here in the Northeast. Offshore wind has the potential to revitalize our aging industrial ports, and afford our workforce a competitive advantage to develop the unique skills and experience needed to build more offshore wind projects in the region.

As a New York business, we look forward to working with your administration to bring offshore wind to Long Island so that we can get back on track to putting Long Islanders to work.

Sincerely,

kenlie

Shepard T. Poole President and Chief Operating Officer



March 13, 2014

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, NY 12224

Re: Proposal to Supply On-Island Renewable Energy and Capacity to LIPA

Dear Governor Cuomo:

It is with great enthusiasm that Pratt brothers, Inc. offers its support for Deepwater Wind's proposal to bring clean, affordable offshore wind energy to Long Island.

Pratt Brothers, Inc. is a Long Island based company with over 65 years of experience building major infrastructure projects in the Long Island area. Pratt Brothers has extensive experience working for New York State, Nassau and Suffolk Counties along with most of the Townships and Villages throughout the Island. We also have worked for developers and general contractors such as Blumenfeld Development Group, Aurora Contractors and Turner Construction Company.

With strong ties to the Long Island community, we encourage any opportunity that will bring with it a stronger infrastructure, a clean energy economy, local investments, and more jobs. We believe that the proposal submitted by Deepwater Wind will do just that.

Not only will Deepwater Wind's proposal will bring hundreds of jobs to Long Islanders in the near term, but it also position us for real, long-term sustainable job growth in the emerging renewable energy industry.

Long Island is perfectly positioned to take advantage of this new industry, and to become a hub of manufacturing as more offshore wind farms are built here in the Northeast. Offshore wind has the potential to revitalize our aging industrial ports, and afford our workforce a competitive advantage to develop the unique skills and experience needed to build more offshore wind projects in the region.

As a New York business, we look forward to working with your administration to bring offshore wind to Long Island so that we can get back on track to putting Long Islanders to work.

Sincerek

Joseph M. Williams Jr., P.E. Senior Vice President



DRIVING INNOVATION. TRANSFORMING CONSTRUCTION.

March 17, 2014

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, NY 12224

Re: Proposal to Supply On-Island Renewable Energy and Capacity to LIPA

Dear Governor Cuomo:

It is with great enthusiasm that Michels Corporation offers its support for Deepwater Wind's proposal to bring clean, affordable offshore wind energy to Long Island.

Michels has strong ties to Long Island, and a lengthy history of working in the New York City area, where we have permanent offices. Last year, we secured a multi-year contract with MTA for CM005 to support the East Side Access Project. Michels also completed eight horizontal directional drills in the NYC metropolitan area last year for Spectra Energy. This innovative project set several industry records for distance, diameter and technical complexity. Michels has also collaborated with the Long Island Power Authority on past projects, including 23 horizontal directional drills to install electrical conduit under roadways and railways.

Michels is proud to be an active member and supporter of Long Island and New York communities. We mobilized 250 linemen to restore power in the aftermath of Superstorm Sandy. Personally, I have moved my family to Manhattan to support Michels' work on current and future projects, and to ensure the continuation of Michels' longstanding core values and history of success.

In short, Michels is an international leader of infrastructure construction. We know our unique skill set will be an asset to the major projects on the horizon on Long Island and in New York.

We encourage all opportunities that will bring a stronger infrastructure, clean energy economy, local investments and more jobs to Long Island. The proposal submitted by Deepwater Wind will do just that. Not only will Deepwater Wind's proposal bring hundreds of jobs to Long Islanders in the near future, but it will position us for real, long-term sustainable job growth in the emerging renewable energy industry.

Long Island is perfectly positioned to take advantage of this new industry, and to become a hub of manufacturing as more offshore wind farms are built here in the Northeast. Offshore wind has the potential to revitalize our aging industrial ports, and afford our workforce a competitive advantage to develop the unique skills and experience needed to build more offshore wind projects in the region.

We look forward to working with your administration to bring offshore wind to Long Island so that we can get back on track to putting Long Islanders to work.

Sincere Tim Michels

Owner, Vice President

767 Third Ave | 6th Floor, Suite C | New York, NY 10017 | 212.230.2700 | Fax 212.230.2701 | www.michels.us

Equal Opportunity Employe



March 17, 2014

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, NY 12224

Re: Proposal to Supply On-Island Renewable Energy and Capacity ot LIPA

Dear Governor Cuomo:

It is with great enthusiasm that New York Paving Inc. offers its support for Deepwater Wind's proposal to bring clean, affordable offshore wind energy to Long Island.

New York Paving Inc. is a Long Island based company with over 37 years of experience, building major infrastructure projects in the Long Island area. Over the years, this company has performed hundreds of millions of dollars of work for the State, New York City, and Nassau & Suffolk Counties as well as local government entities and utility companies.

With strong ties to the Long Island community, we encourage any opportunity that will bring with it a stronger infrastructure, a clean energy economy, local investments, and more jobs. We believe that the proposal submitted by Deepwater Wind will do just that.

Not only will Deepwater Wind's proposal bring hundreds of jobs to Long Islanders in the near term, but it also positions us for real, long-term sustainable job growth in the emerging renewable energy industry.

Long Island is perfectly positioned to take advantage of this new industry, and to become a hub of manufacturing as more offshore wind farms are built here in the Northeast. Offshore wind has the potential to revitalize our aging industrial ports, and afford our workforce a competitive advantage to develop the unique skills and experience needed to build more offshore wind projects in the region.



As a New York business, we look forward to working with your administration to bring offshore wind to Long Island so that we get back on track to putting Long Islanders to work.

Sincerely,

Anthony J. Bartone President



6477 SOUND AVE., BOX 104 MATTITUCK NY 11952

631 298 8877 fax 631.298.2021

March 13th 2014

The Honorable Andrew M. Cuomo Governor of New York State New York State Capitol Building Albany, NY 12224

Re: Proposal to Supply On-Island Renewable Energy and Capacity to LIPA

Dear Governor Cuomo:

It is with great enthusiasm that Gatz Landscaping Inc. offers its support for Deepwater Wind's proposal to bring clean, affordable offshore wind energy to Long Island.

Gatz Landscaping Inc. is a Long Island based company with over 50 years of experience performing commercial landscape and site work throughout Long Island, NYC, and the five boroughs region.

With strong ties to the Long Island community, we encourage any opportunity that will bring with it a stronger infrastructure, a clean energy economy, local investments, and more jobs. We believe that the proposal submitted by Deepwater Wind will do just that.

Not only will Deepwater Wind's proposal will bring hundreds of jobs to Long Islanders in the near term, but it also position us for real, long-term sustainable job growth in the emerging renewable energy industry.

Long Island is perfectly positioned to take advantage of this new industry, and to become a hub of manufacturing as more offshore wind farms are built here in the Northeast. Offshore wind has the potential to revitalize our aging industrial ports, and afford our workforce a competitive advantage to develop the unique skills and experience needed to build more offshore wind projects in the region.

As a New York business, we look forward to working with your administration to bring offshore wind to Long Island so that we can get back on track to putting Long Islanders to work. Jan

Sincerely,

Donald Gatz President Gatz Landscaping Inc

Groups Praise Governor Cuomo and LIPA for Recommending Approval of Nation's Largest Offshore Wind Project

Uniondale, N.Y.— The Long Island Power Authority (LIPA) announced today it is recommending development of New York's first ever offshore wind farm. LIPA's board will formally vote on the proposed contract at a meeting next Wednesday.

Slated to be the largest in the nation, this 90-megawatt, 15-turbine offshore wind farm would be located far off the coast of Montauk, at the eastern end of Long Island. Deepwater Wind, one of the country's leading offshore wind companies, would spearhead the project, which is estimated to be three times larger than the Block Island wind farm project slated to begin operation off the shores of Rhode Island later this year.

For over five years, local, state and national organizations along with communities up and down Long Island in partnership with labor, municipal leaders and businesses have been actively engaged in pushing LIPA to embrace offshore wind power. Today, they cheered this announcement as the necessary first step in a bold long-term large scale offshore wind program for New York. The project will produce enough energy to power about 50,000 Long Island homes by 2022.

The Long Island Power Authority is expected to formally approve the project at next week's board meeting. LIPA and Deepwater Wind are expected to finalize all financial plans for the project by 2017.

In response to the announcement, a coalition of organizations provided the following comments:

"We applaud Governor Cuomo and the Long Island Power Authority for today's historic announcement to move forward with New York's first offshore wind project," **said Lisa Dix New York Senior Representative for the Sierra Club.** "This announcement is the first step toward a bold long term, large scale offshore wind program for New York and catapults New York to the forefront of America's clean energy economy. Today was the result of years of hard work by concerned citizens across the island and around the state that understand that offshore wind is essential to moving New York to a 100 percent clean energy future, while protecting our wildlife, environment and coastal communities from the devastating impacts of climate disruption."

"Our transition from fossil fuels to renewables has just took a giant leap forward with this historic decision," Adrienne Esposito, Executive Director, Citizens Campaign for the Environment said. "This is game changer, a legacy that all New Yorkers will be proud of. By tackling climate change head on New York is proving to be a global leader."

"With LIPA's selection of offshore wind power, Long Island and the South Fork will get clean reliable power and New York State gets a head start building an offshore wind industry in this country," **Gordian Raacke, executive director, Renewable Energy Long Island said.** "We commend Governor Cuomo and the LIPA Board for taking this big step forward in the transition

to renewable energy sources and thank the environmental and advocacy community for their many years of effective work to bring offshore wind power to our shores."

"Today marks a dramatic change in the way New Yorkers think about energy," **Lisa Tyson**, **Director**, **Long Island Progressive Coalition said**. "Long Island organizations, grassroots activists, and devoted community members have fought tirelessly over the years to make offshore wind a reality for Long Island and now their day has come. This decision is a tremendous win for renewable energy, the climate, and the people."

"We applaud Gov. Cuomo and LIPA's leadership in taking this step to bring offshore wind to New York," **Bill Lipton, New York State Director, Working Families Party said**. "Offshore wind power offers the possibility of thousands of good jobs around the state, and will help us ensure healthy communities and meet our state's climate commitments. This is a big first step toward building a thriving economy powered by 100 percent clean renewable energy that works for all New Yorkers."

"We applaud this huge step forward toward powering New York with clean energy and good local jobs. The growing renewables sector can and must benefit communities and workers," **Matt Ryan, Executive Director of ALIGN said.**

"Today marks major progress in New York's pursuit of offshore wind power, the state's golden opportunity to create thousands of jobs while helping meet the Governor's 50% renewable energy goal," **said Catherine Bowes, Senior Manager at National Wildlife Federation.** "We applaud Governor Cuomo and LIPA for this bold leadership to advance the clean, offshore wind power needed to protect our communities and wildlife from the dangers of climate change."

"This is what our clean energy future looks like. Greenlighting the nation's largest—and New York's first—offshore wind farm would be a giant step forward in finally unleashing the largely untapped potential of this plentiful source of clean energy," **Kit Kennedy from NRDC said.** "Approving this project is critical to putting Governor Cuomo's bold climate goals for the state into action."

"Today's news that LIPA will pursue the Deepwater Wind project is an important step on the road to a renewable energy future. New York has excellent offshore wind energy potential that must be tapped to help us achieve the Governor's 50 percent renewable energy goal by 2030," **Anne Reynolds, of ACE NY said.** "Offshore wind can help meet Long Island's electricity needs with clean and homegrown power.

"More offshore wind means cleaner power, fewer childhood asthma attacks and a healthier planet," **Conor Bambrick, air & energy director for Environmental Advocates of New York said.** "We applaud Governor Cuomo, the Long Island Power Authority and Deepwater Wind for jumping in with both feet and advancing the state toward the 100 percent clean, renewable energy future we so need."

"Today's historic announcement is the culmination of so many years hard work from so many advocates," **George Povall, Director of All Our Energy said.** "We are excited to honor their hard work and thank Governor Cuomo and the LIPA trustees for their forward thinking that moves Long Island into a future of climate protection with new economic opportunities for New Yorkers."

"It's long past time for New York and the country to embrace offshore wind power, and today's announcement of what will be the country's largest offshore wind farm is welcome news," **Alex**

Beauchamp, Northeast Region Director at Food & Water Watch said. "Now we must ensure that this project is the first step – not the final one – for offshore wind in New York,"

"Long Island is energy thirsty and transmission constrained, but is rich in ocean winds," **Rosanne Barone, Climate Change Campaign Organizer with NYPIRG said.** "This is a landmark step for the region, the state and ultimately a critical move towards a society powered by renewable energy."

"Offshore wind needs to be a significant part of the energy mix. It is key to putting the Empire State on a path toward an economy powered entirely by renewable energy," **Heather Leibowitz, Director, Environment New York said.** "The 90-megawatts of energy produced off east Montauk will get us one step closer to this goal."

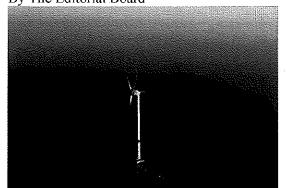
"The is a big step for New York State to begin a real transition to a renewable economy," **Kim Fraczek Co-Director, Sane Energy Project said.** "Governor Cuomo and LIPA's decision to begin an Offshore Wind manufacturing hub right here at home is a positive signal that we are creating the way for utility scale offshore wind in our near future."

"We are very excited to see the first offshore wind farm becoming a reality in New York State. This is a good beginning with more to follow," **Ling Tsou, Co-founder, United for Action said.** "Thank you Governor Cuomo and everyone who have worked hard to advocate for this issue."

"I am beyond excited to learn of Governor Cuomo's official support of a wind farm off the south fork of Long Island as it shows a real commitment to transitioning to a more renewable energy economy," **Shameika Hanson, Huntington Station, NYS Community Organizer for Mother's Out Front said.** "I hope that he will ensure this be done as swiftly and justly as possible for our future and all the children whose futures are at stake the longer we wait to act on climate change."

"We would like to thank Governor Cuomo for advocating for offshore wind and leading New York to the future" **said Alexis Smallwood, Rockaway Wildfire**.

NEWSDAY OPINION **LIPA on verge of leading nation wind power deal** Updated August 6, 2016 By The Editorial Board



This turbine is similar to those being proposed for waters off the South Fork. This turbine is in the Block Island Wind Farm. Photo Credit: Deepwater Wind

• The wind farm under contract to LIPA would be the largest in the nation to harness the power of ocean wind.

The Long Island Power Authority is on the cusp of making the most significant decision about generating electricity with noncarbon fuel since it shut down the Shoreham nuclear power plant in 1992.

• LIPA wants to green-light the building of 15 large wind turbines in the Atlantic Ocean that will deliver a net of 75 megawatts of power to the South Fork, one of the few spots on the Island where demand is increasing. It's a small amount of generation, compared with Shoreham, which was projected to deliver 540 megawatts, but the wind farm under contract to LIPA would be the largest in the nation to harness the power of ocean wind.

LIPA being in the lead for anything other than bad news is difficult to comprehend, but adding wind power to its already substantial residential solar program is an impressive achievement.

Despite the postponement of a vote two weeks ago, LIPA trustees are expected within weeks to approve the start of negotiations with developer Deepwater Wind. The turbine project, located 30 miles east of Montauk and 19 miles south of Block Island, will not be visible from land. It already has all federal approvals and is supported by East End officials. An undersea and underground cable would connect to an existing substation in East Hampton, causing little of the usual disruption of building transmission lines.

The Deepwater Wind option was one of 21 submitted in response to a PSEG-Long Island request for proposals to solve the energy deficit on the South Fork.

Other proposals were simply nonstarters, such as burning biofuels, which would mean frequent deliveries of fuel on large trucks, as well as dirty emissions. A solar farm would have required the purchase of 350 acres, not easy to find or afford in the Hamptons.

While the final contract hasn't been negotiated, the project is expected to cost all ratepayers \$1.20 a month when it comes online. That's a rate LIPA chief executive Thomas Falcone said was competitive with the cost of power from gas-fueled plants, in part because there are no expensive school taxes or other payments to local governments that come with land-based power plants. The project is considerably cheaper per megawatt than a much-larger proposal by the same developer that LIPA rejected because of the high cost in 2014.



LIPA's turbines would be built in the vast Rhode Island-Massachusetts wind-energy zone where the nation's first offshore turbine was mounted on a steel platform only a few days ago. The field's first project, with five turbines generating 30 megawatts, will deliver power to Block Island and Rhode Island via undersea cables by the end of this year. A megawatt is enough to power roughly 800 homes.

Bottom of Form

It's the early stage of a massive ocean field leased by Deepwater Wind that is 256 square miles, or 163,840 acres, an area that could eventually host turbines producing about 4,500 megawatts. It's so large that in theory it could power most of Long Island, where peak use so far this year is 5,400 megawatts.

Meanwhile, LIPA is looking west to Long Island's South Shore to launch an even bigger wind project. It could generate a sizable amount of megawatts by 2024.

This big push for offshore wind is a major part of Gov. Andrew M. Cuomo's ambitious energy policy, and if he succeeds, it would be one of his most measurable and consequential legacies.

The state Public Service Commission last week approved a Clean Energy Standard. It calls for 50 percent of all electricity used in the state to come from wind and solar generation, as well as hydroelectricity from Canada, by 2030. Offshore wind is key to reaching that goal.

The standard also supports continued nuclear generation upstate as part of the portfolio. Those plants and the hydropower already generated at Niagara Falls are the reasons why New York already ranks among states with the lowest greenhouse gas emissions.

In the next few weeks, the New York State Energy Research and Development Authority is expected to release an initial blueprint for offshore wind. LIPA's South Fork project is already included. NYSERDA will bid later this year for an 81,000-acre site, described as having the potential to be the Saudi Arabia of renewable fuel, along the outer continental shelf, south of Rockaway peninsula.

Should NYSERDA win the lease in the upcoming auction by the federal Bureau of Ocean Energy Management, it will conduct a competition among developers for the construction of wind farms to provide power to LIPA and Consolidated Edison.

This project already has some considerable obstacles. The triangle-shape field, at its tip, is only 12 miles south of Long Beach and visible on the horizon. NYSERDA would be wise to develop areas farther from shore. However, the Coast Guard recommends that the turbines not be built too far away, in busy shipping lanes. Environmental reviews are sure to raise concerns, too.

But those are questions for another day, problems that are, after all, about how to best harness a plentiful and clean natural resource that over time might reduce the future cost of electricity.

That's a powerful place for Long Island to be.

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Mr. Cuomo Has 149 Things to Tell You

Gov. Andrew Cuomo's State of the State address was a little different this year. Instead of giving a single speech to legislators and lobbyists in Albany, he spent more than a week going up and down and across the state, from Buffalo to Westchester to Long Island, giving eight speeches outlining 35 policy proposals, winnowed from list of 149 proposals in a 380-page State of the State book. The 35 points all had subpoints, and the overall effect was: daunting. Not since Anthony Weiner ran for New York City mayor with a 64-point plan for saving the city has a New York politician explained himself with such enumerative zeal.

Not until there is a budget, in spring, will we have a clearer sense of where the wish list is headed. In Albany there is a will and there is a way, and the two frequently diverge. Take the once-overriding priority of ethics reform, ending the sick pay-to-play culture in which lawmakers dance with lobbyists and corporate interests until they are indicted or dead. "Imagine what we could do if we had the complete confidence of the people," Mr. Cuomo said in Albany, on the last stop of his tour, sounding almost wistful about his perennially dead-on-arrival proposals to crack down on lawmakers' outside income and campaign contributions and create a system of public campaign financing.

Mr. Cuomo's annual failure to reach a comprehensive ethics deal has become a depressing routine. Every year reform bills are offered; every year they die. Senate Republicans and Assembly Democrats are part of this game, but Mr. Cuomo bears much of the blame for not showing the tenacity, creativity and commitment to get this done. With another subdued call for reform in 2017, he has set himself up to fail again.

Is there encouraging news? Yes: His deal to close the Indian Point nuclear plant, 35 miles north of Manhattan, by 2021 is intriguing. The decision is a good one, on safety and environmental grounds — the aging reactors threaten millions of people and kill tons of fish, and their licenses should not be renewed. Mr. Cuomo's challenge will be to find clean electricity to replace what's going away. His administration and environmental groups like the Natural Resources Defense Council expect this to be achieved through improved transmission capacity and new power lines from western and central New York and Canada.

Then there are the plans for ocean wind farms off Long Island and the Rockaways, the beginnings of what may be vast New York-based investment in renewable offshore energy. New Yorkers will most likely be breathing easier, too, if the state pursues another Cuomo goal achieving more ambitious carbon-emissions standards under the Regional Greenhouse Gas Initiative, a groundbreaking alliance of Northeast states whose aggressive stance on climate change contrasts sharply with the oilburning, science-hostile priorities of the incoming Trump administration.

It's not just on the environment that Mr. Cuomo seems to be establishing himself as a Trump antithesis. His new proposals for more college tuition assistance and for early voting and automatic voter registration, along with policies to help unauthorized immigrant college students, should, if enacted, go a long way to bolstering Mr. Cuomo's image as the progressive governor who gets things done. But where the money is coming from, and whether the Legislature will go along, are the perennial questions.

Most of the ideas in the Cuomo book have evident merit; who could oppose revitalizing Kennedy International Airport, bringing ride sharing to upstate New York, defeating cyberattacks and opioid addiction, or replacing the aging I-81 viaduct in Syracuse? Not us. The trick for Albany watchers, as always, is discerning between the easy lifts and the hard ones, between what is real and what Mr. Cuomo is merely asking us to imagine.