



# **Response to Public Comments on Scope of Work for LIPA's 2022 Integrated Resource Plan**

September 22, 2021

# INTEGRATED RESOURCE PLAN

## In June, LIPA launched the 2022 Integrated Resource Plan (IRP)

- Study Period of 2022-2040
- Assess LIPA's loads, generation resources and transmission assets
- Deliver an Action Plan for meeting future needs
- Key Driver: Climate Leadership and Community Protection Act (CLCPA)

### Zero-Emission Electric Sector Targets



RENEWABLES:  
**70% by 2030**



OFFSHORE WIND:  
**9,000 MW by 2035**  
(Current level: 0 MW)



DISTRIBUTED SOLAR ENERGY:  
**6,000 MW by 2025**  
(Current level: 1,987 MW)



ENERGY EFFICIENCY:  
**185 trillion BTU  
Reduction by 2025**



BATTERY STORAGE:  
**3,000 MW by 2030**  
(Current level: 82.5 MW)

# INTEGRATED RESOURCE PLAN PROCESS

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- The objectives, key challenges, and timeline for the IRP planning study were presented to the Board at its June 23, 2021, meeting
- LIPA held a 30-day public comment period and received eighteen (18) submissions from the public
- Many of the comments received did not specifically reference the IRP Scope of Work (SoW) but were more general in nature and raised topics and issues related to transitioning to a clean energy grid

# MAIN TOPICS DISCUSSED IN PUBLIC COMMENTS ON THE IRP SOW

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- Views on the clean energy goals in the CLCPA
- Concerns about the bill impact of transitioning to clean energy
- Support for clean energy and expediting the transition
- Information on benefits of energy storage and other advanced technologies
- Support for more distributed renewables and customer energy efficiency
- Need for broad and robust public engagement process
- Support engaging with and benefitting disadvantaged & low-income communities
- Support for public ownership of energy assets, including generation
- Requests for additional information

# PUBLIC COMMENTS – COST IMPACT ON CUSTOMER BILLS

**Comment:** Concerned about the impact of the transition to clean energy on their electricity bills

## **LIPA Response:**

- Maintaining affordability of electricity for customers is a key IRP objective
- The IRP will compare different resource options based on their projected cost and performance and select the preferred portfolio of resources (including amounts, types and locations) that best meet reliability, environmental and affordability criteria
- The actual cost to consumers of specific resources and associated rate impacts will be determined at the time that LIPA conducts procurements or takes other actions to fulfill the needs identified in the IRP

# PUBLIC COMMENTS – PUBLIC ENGAGEMENT

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**Comment:** Encourage LIPA to have a broad, robust public engagement process as it develops the IRP

## **LIPA Response:**

- LIPA held a 30-day public comment period on its Draft 2022 IRP SoW
- LIPA looks forward to further public engagement and intends to provide additional opportunity for public input later in the IRP process when study results are available
- The public will also have opportunities to engage on local projects that may stem from the IRP during the permitting processes

# PUBLIC COMMENTS – IMPACT ON DISADVANTAGED COMMUNITIES

**Comment:** Encourage engagement with and benefits to disadvantaged and low-income communities

## **LIPA Response:**

- The CLCPA requires that a minimum of 35% of the benefits from investments in transitioning to clean energy and energy efficiency be realized by disadvantaged communities
- The Climate Justice Working Group (CJWG), created by the CLCPA, will identify disadvantaged communities in New York and develop the criteria to assess the impacts of transitioning to a clean energy system
- The CJWG is conducting an extensive public engagement process to develop its guidance on disadvantaged communities
- LIPA intends to incorporate the CJWG's guidance into its IRP process as it becomes available

# PUBLIC COMMENTS – ROLE OF ENERGY STORAGE

**Comment: Critical role of energy storage in transitioning to a 100% clean energy grid and need to consider multiple benefits of storage**

## **LIPA Response:**

- LIPA intends to meet state mandates for the deployment of energy storage resources but will not artificially limit the amount of energy storage that might be cost effectively and reliably deployed
- IRP recommendations regarding potential resource portfolios will balance the multiple considerations (e.g., cost, resiliency, peak load reduction, and transmission and distribution investment deferral) that attend introducing or expanding any resource technology in LIPA's portfolio
- Pending the IRP, LIPA is currently conducting a bulk energy storage procurement and will evaluate the cost and benefits of specific developer proposals



# PUBLIC COMMENTS – ROLE OF OTHER ADVANCED TECHNOLOGIES

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**Comment:** Encourage consideration of a broad range of potential technologies, such as community wind and solar, tidal and wave energy, and additional energy efficiency

## **LIPA Response:**

- The IRP will consider all viable, clean energy technologies, including those suggested in public comments
- Outside experts from the Brattle Group, an independent consulting firm, Stony Brook University and Brookhaven Science Associates will provide guidance on incorporating emerging clean energy technologies in the planning study

# PUBLIC COMMENTS – SOLAR TARGETS

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**Comment:** Request LIPA to review its existing CLCPA-driven solar targets to align with the Solar Roadmap developed by the Nature Conservancy

## **LIPA Response:**

- The opportunity to develop additional solar resources, such as described in the Solar Roadmap, will be considered among the resource options to be evaluated in the IRP
- If the IRP identifies opportunities for LIPA to exceed its share of CLCPA goals to the benefit of our customers, we will certainly reflect that finding in our recommended power supply plan

# PUBLIC COMMENTS – PUBLIC FINANCING

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**Comment:** Encourage use of LIPA's tax-exempt financing for resource additions to reduce costs to customers

**LIPA Response:**

- LIPA recognizes that non-profit and tax-exempt financing, where permissible and available, can reduce the cost of resource investments
- In the course of procuring specific resources to meet the needs determined by the IRP, LIPA will consider ownership and financing options that could benefit customers
- As an example, LIPA's ongoing bulk energy storage RFP will enable LIPA ownership of energy storage projects to reduce cost for customers

# NEXT STEPS

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- IRP process will be a 15-month effort with completion around August 2022
- Additional opportunities for public input will be provided as study results are available
- The IRP will result in an action plan for the period of 2022 to 2030 that will recommend key actions and investments needed to meet state goals, while continuing to meet the electricity needs of LIPA's customers reliably and cost-effectively