FOR CONSIDERATION
September 25, 2024

TO: The Board of Trustees

FROM: John Rhodes

SUBJECT: Authorization to Execute a Memorandum of Understanding with the New York State Energy Research and Development Authority for funding Phase 2 of the Integrated Energy Data Resource

Requested Action

The Board of Trustees (the "Board") of the Long Island Power Authority ("LIPA") is being requested to authorize the Acting Chief Executive Officer or his designee to execute a memorandum of understanding ("MOU") with the New York State Energy Research and Development Authority ("NYSERDA") for funding the Phase 2 of the statewide Integrated Energy Data Resource program.

Background

On February 11, 2021, the New York State Public Service Commission ("PSC") adopted an order ("IEDR Order") establishing the Integrated Energy Data Resource ("IEDR"). IEDR is intended to enable the compilation of integrated energy customer data and energy system data from across New York State to enable effective and efficient deployment of clean energy solutions to help transform the State's electricity system into one that is cleaner, more resilient, and more affordable. According to the Order, access to useful energy data "will attract investment, enable analytics, help identify operational efficiencies, promote innovation, and encourage new business models, which will in-turn create value for customers and the State's energy system."[1]

IEDR will be implemented in two phases and in compliance with the PSC's new policies for a uniform and comprehensive statewide Data Access Framework to govern the means and methods for accessing and protecting all types of energy-related information. IEDR will prioritize uses that materially improve or accelerate investment, operational, or regulatory decisions related to Distributed Energy Resources ("DER"), energy efficiency, environmental justice, or electrification strategies for transportation and buildings, thereby facilitating faster fulfillment of one or more of New York State's Renewed Energy Visions ("REV") and Climate Leadership and Community Protection Act ("CLCPA") objectives.[2]

[1] Case 20-M-0082, Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data, *Order Implementing An Integrated Energy Data Resource* (issued February 11, 2021) (IEDR Order), p. 1.
[2] IEDR Order, p. 14.

On January 19, 2024, the PSC issued an *Order Approving Integrated Energy Data Resource Phase 2 Budgets*[3] for Phase 2 Implementation of the IEDR for both NYSERDA and each of the Joint Utilities[4], and addressed the associated cost recovery from ratepayers.

Phase 1 of the program focused on essential activities related to data collection, integration, and initial platform establishment to be overseen by NYSERDA as the Program Manager and the state's major gas and electric utilities.[5] Given the anticipated statewide benefits of the IEDR program, the Commission requested that the New York Power Authority ("NYPA") and LIPA share in a portion of the Phase 1 development costs based on their respective portions of total electricity load for 2019.[6] The Board approved Phase 1 funding in March 2021.

In Phase 2 of the IEDR program, which is expected to last between 30 and 36 months, the IEDR's capabilities will be expanded with the addition of approximately 40 use cases, building on the successful implementation and operation of Phase 1.[7]

Participation in the IEDR program allows LIPA to align the various energy-related data activities under its control with the statewide IEDR to maximize benefits of the resource to Long Island ratepayers and New York State in general. NYSERDA anticipates that its costs for Phase 2 will total $36,386,193.00[8] .

The Board's policy on Resource Planning and Renewable Energy provides for meeting the State's clean energy goals in part by LIPA procuring cost-effective renewable resources and Renewable Energy Credits ("RECs") and acting in coordination with other State energy authorities. Accordingly, LIPA seeks to participate and contribute to the cost of IEDR by entering an MOU with NYSERDA for funding the Phase 2 of the program.

Discussion

Recognizing that cooperation and coordination of development of useful energy data collection and analysis tools with NYSERDA will further LIPA's and NYSERDA's mutual goal of efficiently and effectively achieving the State's clean and affordable energy goals, LIPA Staff proposes that LIPA enter into an MOU with NYSERDA to fund LIPA's share of NYSERDA's

[3] Case 20-M-0082 - Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data, *Order Approving Integrated Energy Data Resource Phase 2 Budgets* (issued January19, 2024) (Phase 2 Budgets Order).

[4] The Joint Utilities consist of Consolidated Edison Company of New York, Inc. (Con Edison), Orange and Rockland Utilities, Inc. (O&R), Central Hudson Gas & Electric Corporation (Central Hudson), Niagara Mohawk Power Corporation d/b/a National Grid (Niagara Mohawk), The Brooklyn Union Gas Company d/b/a National Grid NY (KEDNY), KeySpan Gas East Corporation d/b/a National Grid (KEDLI, and together with KEDNY and Niagara Mohawk, National Grid), New York State Electric & Gas Corporation (NYSEG), Rochester Gas & Electric Corporation (RG&E, and together with NYSEG, Avangrid), National Fuel Gas Corporation (NFG), and Liberty Utilities (St. Lawrence Gas) Corp. (Liberty Utilities).

[5] Phase 2 Budgets Order, p.4.

[6] Phase 2 Budgets Order, p.4.

[7] Phase 2 Budgets Order, p. 5.

[8] Phase 2 Budgets Order, p. 6.

budget for Phase 2 of the IEDR implementation. The total cost to LIPA, as calculated by NYSERDA, which represents 13.6% of the total 2022 New York electric load, will be no more than $4,948,522.25 based on LIPA's load share of the actual Phase 2 expenses.[9]

Recommendation

Based on the foregoing, I recommend approval of the above requested action.

Attachment

Exhibit "A" Resolution

[9] This amount does not include internal development costs for participating in the IEDR development.

Exhibit "A"

AUTHORIZATION TO EXECUTE A MEMORANDUM OF UNDERSTANDING ("MOU") WITH NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY ("NYSERDA") FOR FUNDING PHASE 2 OF IMPLEMENTATION OF THE INTEGRATED ENERGY DATA RESOURCE ("IEDR") PROGRAM

WHEREAS, the New York State Public Service Commission ("Commission") has established Integrated Energy Data Resource by Order dated February 11, 2021; and

WHEREAS, cooperation and coordination of development of useful energy data collection and analysis tools with NYSERDA will further LIPA's and NYSERDA's mutual goal of achieving the State's clean and affordable energy goals; and

WHEREAS, LIPA and NYSERDA are in the process of negotiating an MOU regarding funding LIPA's share of NYSERDA's budget for Phase 2 of the IEDR implementation; and

WHEREAS, the total cost of Phase 2 contribution by LIPA is calculated to be no more than $4,948,522.25.

NOW, THEREFORE, BE IT RESOLVED, that the Chief Executive Officer or his designee be and hereby is authorized to execute and effect an MOU with NYSERDA consistent with the terms of the accompanying memorandum, and to perform such other acts and deeds as may be necessary, convenient or appropriate, in the judgment of the Acting Chief Executive Officer or his designee, to implement LIPA's participation in the development of IEDR and to contribute to LIPA's share of NYSERDA's budget for the development of Phase 2 of IEDR.

Dated: September 25, 2024