

NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY  
Minutes of the 117<sup>th</sup> Program Planning Committee Meeting  
Held on October 3, 2022

Pursuant to a notice and agenda dated September 26, 2022, the one hundred seventeenth (117<sup>th</sup>) meeting of the Program Planning Committee (the “Committee”) of the NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (the “Authority”) was convened at 12:30 p.m. on Monday, October 3, 2022 at the Authority’s Albany Office located at 17 Columbia Circle, Albany, New York and the NY Green Bank (“NYGB”) Office located at 1333 Broadway, Suite 300, New York, New York. The two locations were connected by videoconference.

The following Members of the Committee were present:

Sherburne Abbott, *Committee Chair* attended from NYGB

Richard Kauffman, *Chair of the Authority* attended from NYGB

Charles Bell, *Vice Chair of the Authority* attended from Albany

Arturo Garcia-Costas attended from NYGB

Jay Koh attended from NYGB

Sadie McKeown attended virtually

Frances Resheske attended from NYGB

Member Marie Therese Dominguez was unable to attend.

Also present were Doreen Harris, President and CEO; John Williams, Executive Vice President for Policy and Regulatory Affairs; Pam Poisson, Chief Financial Officer; Peter Costello, General Counsel and Secretary to the Authority; Sara L. LeCain, Senior Counsel and Secretary to the Committees; and various other staff of the Authority.

Committee Chair Abbott called the meeting to order and noted the presence of a quorum. Notice of this meeting was provided to the Committee Members September 26, 2022 and to the press on September 29, 2022.

Committee Chair Abbott indicated that the first item on the agenda concerned the approval of the minutes of the one hundred sixteenth (116<sup>th</sup>) Committee meeting held on June 28, 2022.

Whereafter, upon motion duly made and seconded, and by unanimous voice vote of the Committee Members present, the minutes of the one hundred sixteenth (116<sup>th</sup>) Committee meeting held on June 28, 2022 were approved.

Committee Chair Abbott indicated that the next item on the agenda was to act upon a resolution recommending approval of revisions to the Authority's Fiscal Year 2022-2023 Budget and this item was presented by Chief Financial Officer, Pam Poisson.

CFO Poisson explained that the Authority monitors financial developments regularly and in the event of material shifts due to external developments, may recommend to the Committee certain budget revisions to serve as a relevant guide for spending plans. The Committee is asked to adopt a resolution approving revisions to the Authority's Budget for Fiscal Year 2022-2023 to reflect material updates resulting from new business developments.

CFO Poisson indicated that the details of the proposed revisions included the adjustment of the net position to reflect the higher ending net position for last fiscal year that resulted from strong RGGI auction outcomes; the revenue budget increased by \$40.1 million to \$1.766 billion due to two items: additional work scope and \$20 million of approved State Budget appropriations to support the Offshore Wind Port Infrastructure, and additional expected utility surcharge assessments consistent with the expansion of the successful NY-Sun Program to achieve a higher goal of at least 10 gigawatts of distributed solar by 2030; and updates to "salaries and benefits" to reflect the State's higher than projected general salary increase recommendations as well as a modest place holder for salary adjustments that may be warranted based upon the pay equity and job study.

Lastly, CFO Poisson noted that the revised budget reflecting these adjustments now anticipates the total net position will be approximately \$1.7 billion on March 31, 2023 an increase of \$187.3 million from the original budget.

Whereafter, upon motion duly made and seconded, and by unanimous voice vote of the Committee Members present, the following resolution was adopted.

#### Resolution

RESOLVED, that the Fiscal Year 2022-2023 Budget and Financial Plan (Revised October 2022) submitted to the Members for consideration at this meeting, with such non-material, editorial changes and supplementary schedules as the President and CEO, in their discretion, may deem necessary or appropriate, be and it hereby is recommended for approval by the Board.

Committee Chair Abbott indicated that the next two items on the agenda concerned the focus areas and future goals that will be included in the Authority's Strategic Outlook. The Authority's President and CEO, Doreen Harris; Director of Performance Management, Jennifer Meissner; Vice President for Clean and Resilient Buildings, Susanne DesRoches; Vice President for Distributed Energy Resources Technology, David Sandbank; Vice President for Innovation, John Lochner; and Vice President for Large Scale Renewables, Georges Sassine presented these items.

President and CEO Harris provided the Members with a brief review of the Authority's mission outcomes and policy goals.

Next, Director Meissner discussed the Authority's progress and provided the Committee with an overview of the policy goals starting with renewable energy and noted that the contracted and pipeline renewables brought the total RE up to 66% of the 2030 forecast. Regarding energy storage it was reported that \$361 million of bridge incentive has been awarded and more than 1300 megawatts ("MW") of storage or about 87% of the 2025 goal has been either awarded, contracted, or installed. With respect to energy efficiency, the Authority's installed and pipeline achievements have progressed to about 60% of our 10-year contribution. Regarding greenhouse gas ("GHG") emission reductions in residential and commercial buildings it was noted that the Authority has significant progress to make and is aware that additional regulations and investments will be needed in order to help close the gap established by the Climate Leadership and Community Protection Act ("CLCPA"). With respect to the clean energy economy, it was reported that

innovation investments have supported 588 companies, 270 commercial products and a leverage rate of 10:1 or better. In addition, NYGB has made \$1.7 billion of cumulative financing commitments, mobilizing nearly \$3.5-4.5 billion of capital toward clean energy. Lastly, regarding benefits to disadvantaged communities (“DAC”) it was noted that 85% of the Authority’s project level funding has been geocoded and that 50% of that funding is inside of a geographic DAC or going to a low-income customer.

In response to an inquiry from the Chair, President and CEO Harris advised that a response to the Chair’s inquiry would be covered as the presentation continued.

In response to an inquiry from Member Garcia-Costas, Director Meissner indicated that the Authority has the ability to understand where low- to moderate-income beneficiaries are located.

In response to another inquiry from Member Garcia-Costas, Vice President Sandbank advised that the Authority has a team, website, and staff resources to help local municipalities and authorities know how to inspect projects and guide them through the Authority’s program. In addition, Vice President Sandbank noted that most of the lithium ion issues are located downstate.

In response to an inquiry from Member McKeown, Director Meissner provided examples of how the Authority has been tracking its job creation.

In response to another inquiry from Member McKeown, Director Meissner explained that the Authority works with BOCES, SUNY and other vocational schools as part of the Authority’s workforce development programs. In addition, Vice President for Communities and Partnerships Jason Doling indicated that the Authority has been, and will continue, working with workforce development and organized trades as it brings the regional clean energy hubs on board to leverage more of a regional and statewide perspective towards stem development, providing opportunities for on-the-job training, internships, pre-apprenticeships, and apprenticeships.

President and CEO Harris indicated that Vice President DeRoches's presentation would address an inquiry from Member Koh.

Next, Vice President DeRoches provided the Committee with an overview of trends, barriers, and opportunities for clean and resilient buildings. These include growth in heat pump awareness; higher interest rates and inflation continuing to suppress near-term construction, investment, and energy affordability; and the New Efficiency: New York proceeding leading to the development of programs and establishing ratepayer funding towards 2030s goals and the two million Climate Friendly Homes commitment.

Vice President DesRoches continued, discussing the Climate Friendly Home's goal which calls for one million electrification ready and the 1 million electrified by 2030 and referenced Member Koh's inquiry. Vice President DesRoches explained that the electrified homes will also need to be energy efficient, making the two million homes package more of an efficiency plan. The strategy is to lower the demand for energy efficient homes and then electrify them.

Next, Vice President Lochner provided the Committee with an overview of trends, barriers and opportunities regarding innovation. Vice President Lochner highlighted some of the trends such as an uptick in adoption of zero emission vehicles, heat pumps, hydrogen and other decarbonization technology globally creating a pull for additional research and development and innovation investment by the private sector as well as interest in the Authority's programs. As to barriers, there was a lack of enabling policy and markets to drive scaled, expedited deployment. Lastly, there are substantial federal funding opportunities for New York State.

Next, Vice President Sandbank provided the Committee with an overview of the distributed energy resources and highlighted certain areas. NY-Sun is ahead of the 10 gigawatt ("GW") by 2030 target with 4,000 MW installed and 3,200 MW in development. With respect to energy storage, the Authority is finalizing a roadmap with the New York State Department of Public Service to achieve the Governor's stated goals of 6,000 MW by 2030. Lastly, Vice President Sandbank indicated that in transportation there has been significant progress in electric vehicle

adoption over the last three years, however, the State is still only at approximately 5% of new vehicle registration for light duty vehicles.

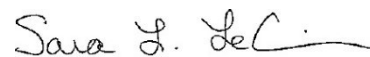
Vice President Sassine made the final presentation providing the Committee with an overview of large-scale renewables and discussed some negative factors affecting the Authority's progress such as supply chain constraints; inflation; transmission; and construction timelines. In addition, Vice President Sassine noted that the U.S. Department of Commerce antidumping and countervailing duties ("AD/CVD") investigation has increased the pricing and schedule risk to existing and future projects. A negative outcome to the AD/CVD investigation could have a significant impact on the contracted solar portfolio.

Next, Vice President Sassine discussed some of the positive factors affecting the Authority's progress such as the Inflation Reduction Act and noted the clean energy manufacturing incentives and the Investment Tax Credits and Production Tax Credits; the ongoing transmission planning processes; and the Accelerated Renewable Energy Growth and Community Benefits Act and Federal Energy Regulatory Commission Interconnection Notice of Proposed Rulemaking.

Committee Chair Abbott indicated that the last item on the agenda was other business. There being no other business, Committee Chair Abbott called for a motion to adjourn.

Whereafter, upon motion duly made and seconded, and by unanimous voice vote of the Committee Members, the meeting was adjourned.

Respectfully submitted,



Sara L. LeCain  
Secretary to the Committee