



Marblehead Municipal Electric Light Department  
80 Commercial Street  
Marblehead, Massachusetts 01945

April 26, 2021

To: Lauren Morris, Hearing Officer [Lauren.Morris@mass.gov](mailto:Lauren.Morris@mass.gov)  
[DPU.efiling@mass.gov](mailto:DPU.efiling@mass.gov)

RE: MMWEC, D.P.U. 21-29  
Marblehead Municipal Light Department letter of support for Project 2015A

Dear Ms. Morris,

My name is Joseph T. Kowalik. I write to you as General Manager of the Marblehead Municipal Light Dept. (MMLD). For 127 years MMLD has provided electric power to the residential, commercial and industrial customers of Marblehead, Mass. We are a member of the Massachusetts Municipal Wholesale Electric Company (MMWEC) and a Project Participant in Project 2015A.

MMLD provides electricity to the 20,000 residents of Marblehead (10,400 meters). We are an ISO-NE participant and recognized as a load serving entity. In 2020 our peak load was 31.6 megawatts. As such, we're obligated to obtain capacity equal to our peak load plus a reserve margin.

In open session at an MMLD Board meeting on January 25, 2017, the five-member MMLD Board voted unanimously to approve participation in Project 2015A. The Board vote included language authorizing "the General Manager to execute and deliver the PSA and effectuate the transactions contemplated by this vote".

In my view today, as General Manager, Project 2015A will help:

(1) MMLD meet our future capacity obligations as required by ISO-NE. We expect our capacity obligations will grow in the future as we implement new strategic electrification policies for personal transportation and building thermal management, as outlined in the newly signed Next Generation Roadmap for Climate Policy state law.

(2) Reduce harmful greenhouse gases as we meet our required capacity obligations. Given the 37% lower Project 2015A CO<sub>2</sub>e emission rate versus the 2016-2018 fleet of capacity resources in the market today, Project 2015A can reduce CO<sub>2</sub>e emissions by more than 4500 metric tons annually. See the attached chart for details.

(3) Provide cost-effective rate stability by reducing MMLD's exposure to capacity market price volatility in future years, as we bring more intermittent renewable energy online.

(4) Ensure reliability of capacity resources and electric service to our customers, with a fast start capacity resource, further enabling us to more aggressively pursue our renewable energy policies and goals

Therefore I urge the DPU to provide the necessary authorization of MMWEC's Project 2015A financing.

Regards,

Joseph T. Kowalik  
General Manager

CC: Marblehead Municipal Light Dept. Board members:  
 Michael Hull, Chair  
 Walter Homan  
 Karl Johnson  
 Lisa Wolfe  
 Nathanael Burke  
 Nicholas Scobbo, Esq.

**Project 2015A emission reduction compared to a baseline mean output of fossil fuel capacity plants today (2016-2018)\***

<b>Project 2015A</b>		Weighted average CO2e emissions of current New England Fossil Generators *		<b>REDUCTION</b> of CO2e emissions with Project 2015A displacing the emissions of the weighted average generator	%
1,200	lbs. per CO2e/MWh	1,900			
60	MW plant capacity	60			
72,000	lbs. CO2e running at full capacity/hr.	114,000			
2,205	lbs./metric ton	2,205			
33	metric tons/hr.	52		19	
240	annual runtime forecast in hours	240			
<b>7,837</b>	<b>metric tons CO2e/year</b>	<b>12,408</b>		<b>4,571</b>	<b>37%</b>

\* Based on chart data presented in Paul Hibbard testimony, Attachment 3 "New England Fossil Generator Emission Rates, by Cumulative Capacity"