Maine Quarterly Energy Storage Forum

Hosted by the GOVERNOR'S Energy Office

Monday, October 3, 2022

Agenda

The State of the Energy Storage Market:
Current Opportunities for Maine & The Nation

11:00 AM Welcome, Introductions, and Level Setting

11:10 AM Panel Discussion

12:10 PM Audience Q+A

12:25 PM Closing Remarks

Quarterly Energy Storage Forum

In 2021, bipartisan legislation established Maine as the ninth U.S. state with codified energy storage targets: 300 megawatts (MW) of installed capacity within the state by 2025 and 400 MW by 2030.

The creation of a Maine Quarterly Energy Storage Forum was a recommendation of the Maine Energy Storage Market Assessment, released by the Governor's Energy Office (GEO) in March 2022.

The Forum will leverage the GEO's role as a convenor by organizing and hosting an ongoing venue for information sharing and policy discussion focused on the development of energy storage in Maine and across New England. This forum will bring together policymakers, storage developers, utilities, environmental groups, and other interested parties to facilitate discussion on how to encourage energy storage development and meet the state's energy storage goals in both an equitable and cost-effective manner.

The forum will seek out information, case studies, and best practices from neighboring jurisdictions that may inform the development of storage policy in Maine.

Energy Storage Policy in Maine

- 129th Maine Legislature established the ***Commission to Study the Economic, Environmental and Energy Benefits of Energy Storage to the Maine Electricity Industry***.

- In June 2021, Governor Mills signed LD 528, ***An Act to Advance Energy Storage in Maine*** which set goals for energy storage in Maine and directed the GEO to conduct an energy storage market assessment.

    - 300 MW deployed by the end of 2025
    - 400 MW deployed by the end of 2030

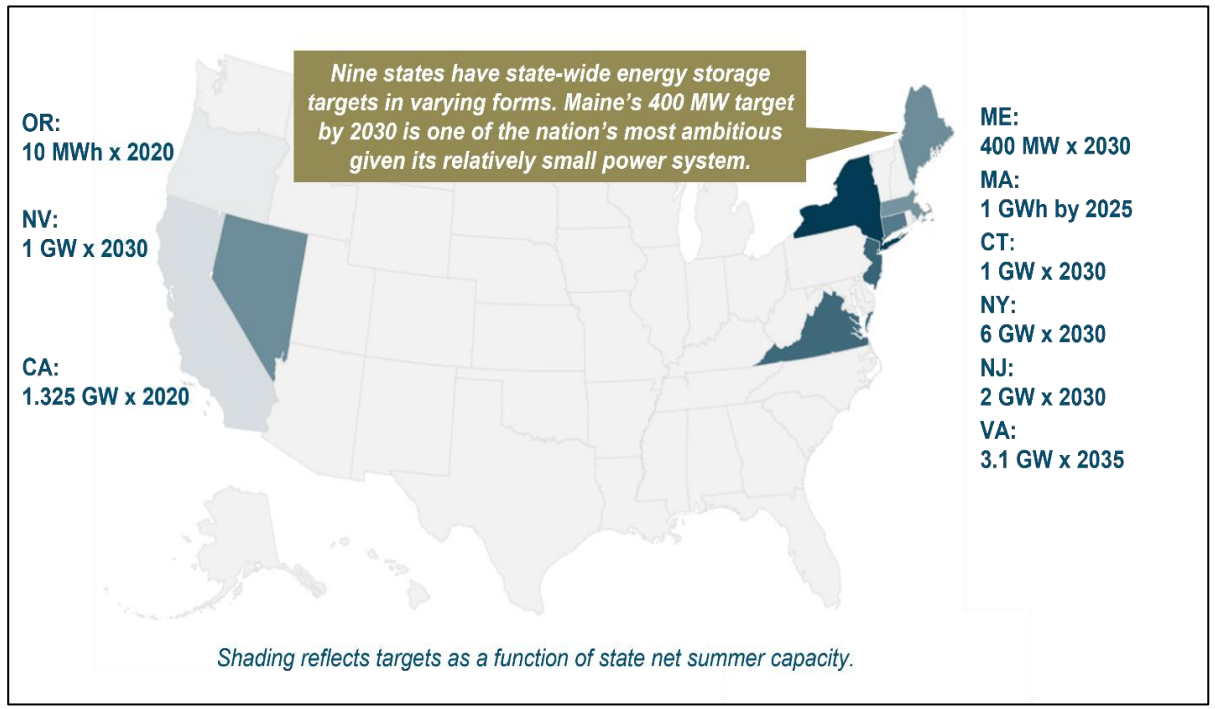
- In March 2022, the GEO released its ***Energy Storage Market Assessment***.

- In the second session of the 130th Maine Legislature, ***LD 2030*** passed, creating a sales tax reimbursement for battery energy storage systems with a capacity of 50 MW or greater.

- Efficiency Maine Trust is launching two new demand management programs, a demand response initiative and a load shifting initiative, in addition to a pilot project deploying battery storage at critical care facilities.

Energy Storage Deployment in Maine - 2022

U.S. State Energy Storage Targets as of Jan. 2022



Planned and Operating Storage Projects in Maine as of Jan. 2022

Plant Name	County	Unit Status	Expected Online Date	Grid Connected (Y/N)	Capacity (MW)
Boothbay Storage Project	Lincoln	Operating	5/5/2015	Y	0.5
William F Wyman	Cumberland	Operating	12/31/2016	Y	16.7
Madison BESS	Somerset	Operating	5/30/2019	Y	4.7
Madison BTM	Somerset	Operating	3/31/2020	Y	1.5
Great Lakes Millinocket Battery	Penobscot	Operating	12/31/2020	Y	20.9
Industrial Drive Rumford BESS Project	Oxford	Operating	7/1/2021	Y	4.9
Middlesex Road Topsham Solar	Sagadahoc	Planned	3/1/2022	Y	4.99
CED Denmark Solar Hybrid	Oxford	Planned	11/1/2022	Y	2.3
Manchester BESS	Kennebec	Planned	1/1/2023	Y	14
Sanford ESS	York	Planned	1/31/2023	Y	5
South Portland ESS LLC	Cumberland	Planned	1/31/2023	Y	10
Cross Town Energy Battery Energy Storage	Cumberland	Planned	4/1/2023	Y	175
Bonny Eagle Renewable BES	Cumberland	Planned	1/1/2025	Y	7.8
Rumford Renewable BES	Oxford	Planned	1/1/2025	Y	6.9
Total					**275**

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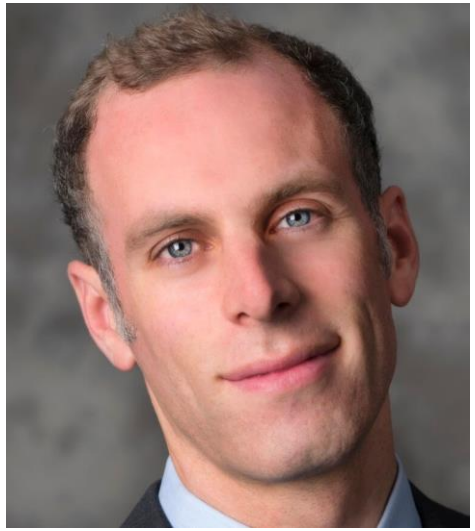
Moderator & Panelists

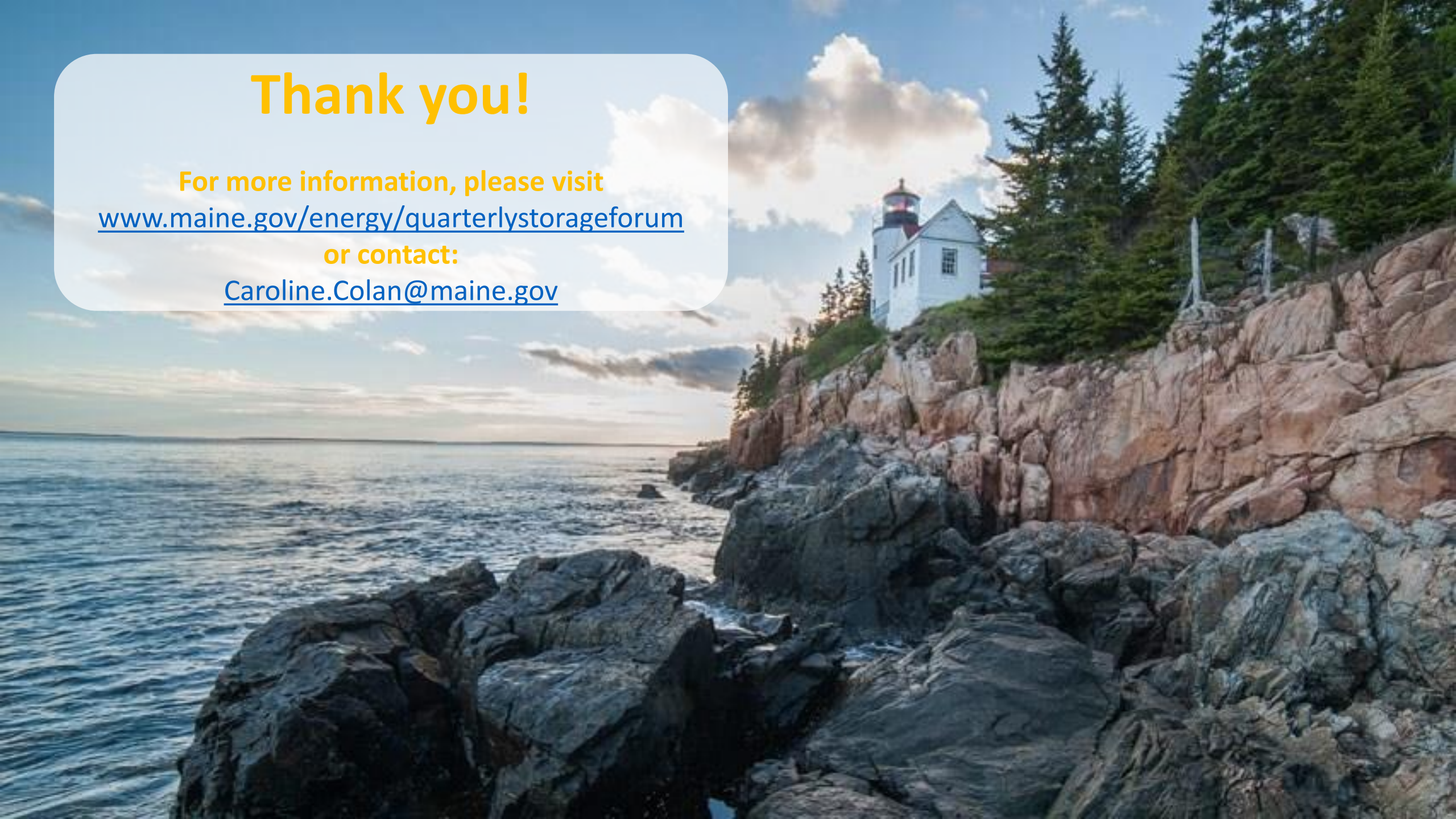


Jason Burwen
Vice President of Energy Storage, American Clean Power Association

Dr. Imre Gyuk
Director of Energy Storage Research, U.S. Department of Energy

Polly Shaw
Head of Policy, Plus Power

Emma Wendt
Community Development Officer, Island Institute



Thank you!

For more information, please visit
www.maine.gov/energy/quarterlystorageforum
or contact:
Caroline.Colan@maine.gov