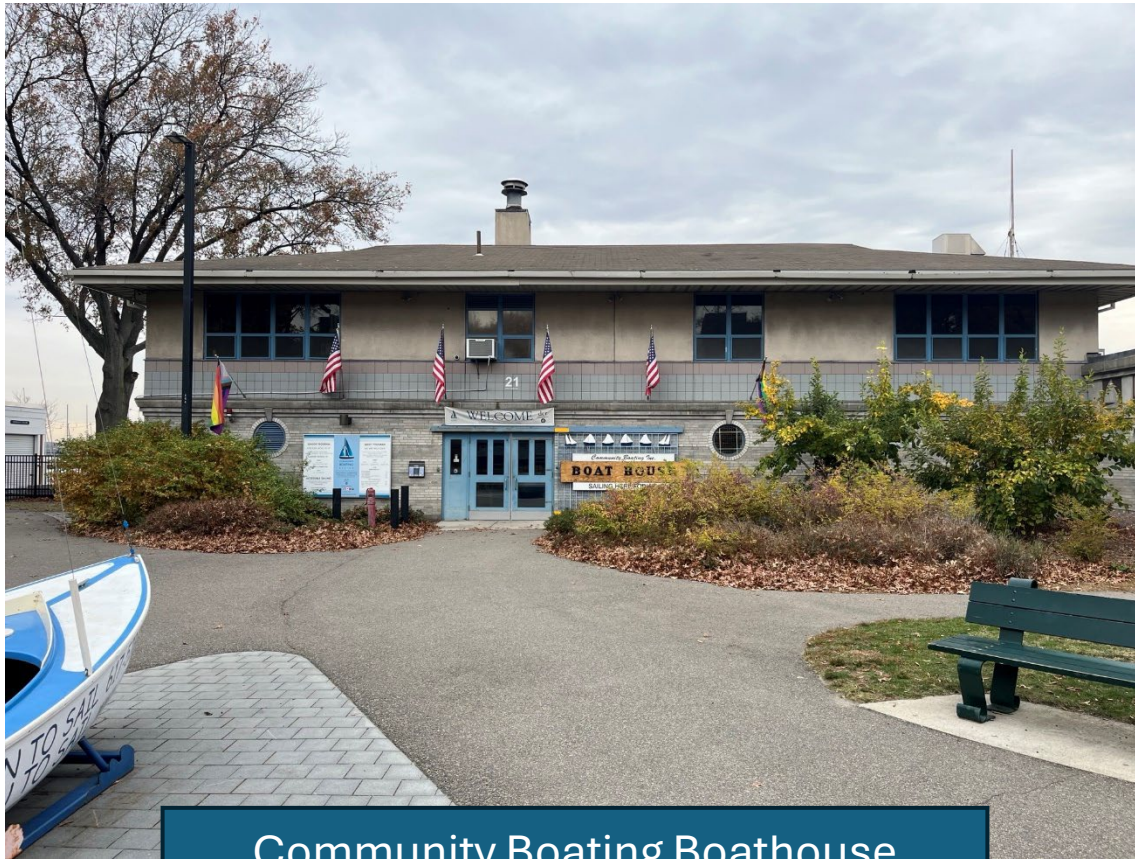


Boston Landmarks Commission

Solar Roofing Installation
Community Boating Boathouse
24 David Mugar Way

Roof Replacement & Installation of New Solar Panels



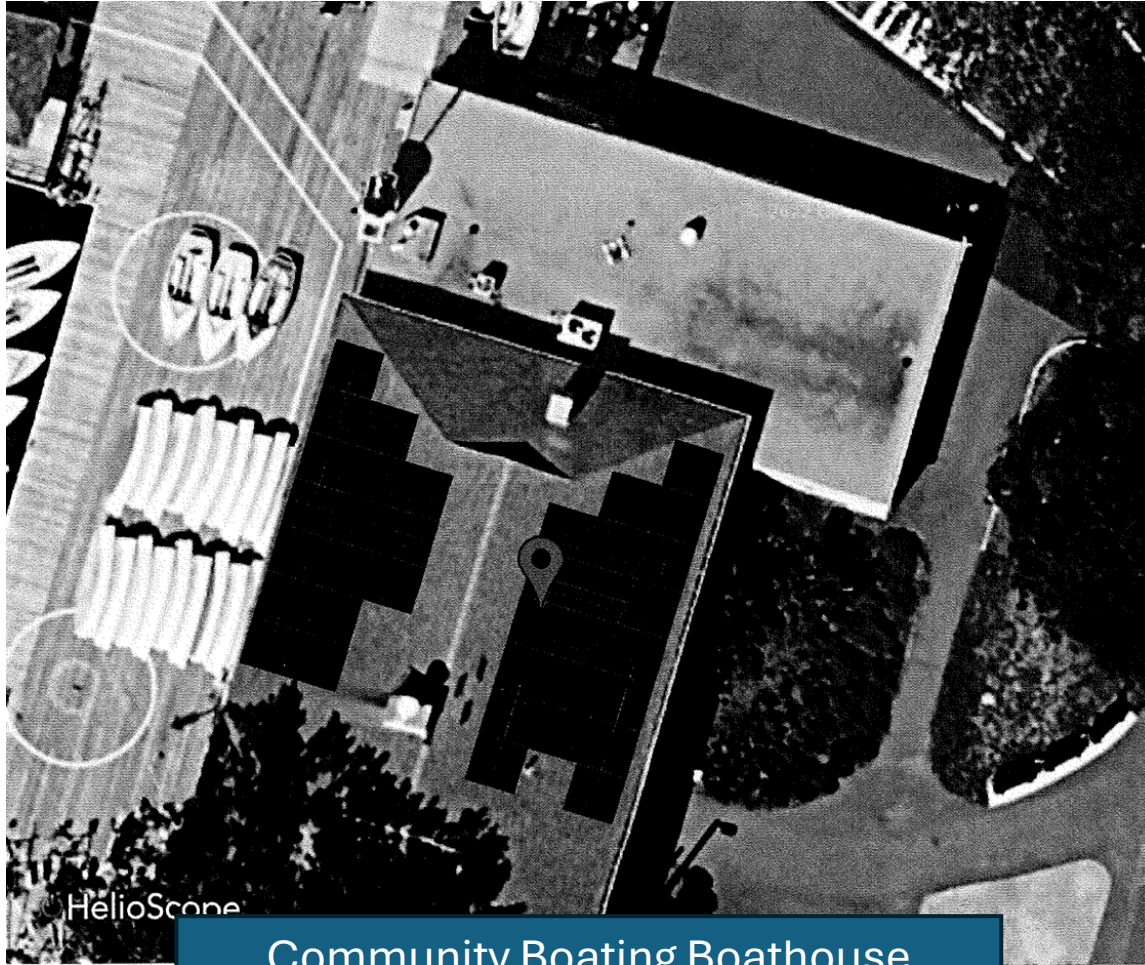
Community Boating Boathouse

EO 594: Decarbonizing and Minimizing Environmental Impacts of State Government

Key targets:

- 1. Reduce heating oil use*
- 2. Reduce onsite fossil fuel emissions (from bldgs., operations and vehicles)*
- 3. Reduce energy use intensity*
- 4. Improve facility sustainability*

Roof Replacement & Installation of New Solar Panels



Community Boating Boathouse
Solar Panel Layout

72 410w Rooftop Panels
Mounting System
Wiring and Activation
DC/AC Balancing
Interconnection Agreement
w/Eversource

Roof Replacement & Installation of New Solar Panels



Community Boating Boathouse
Solar Layout

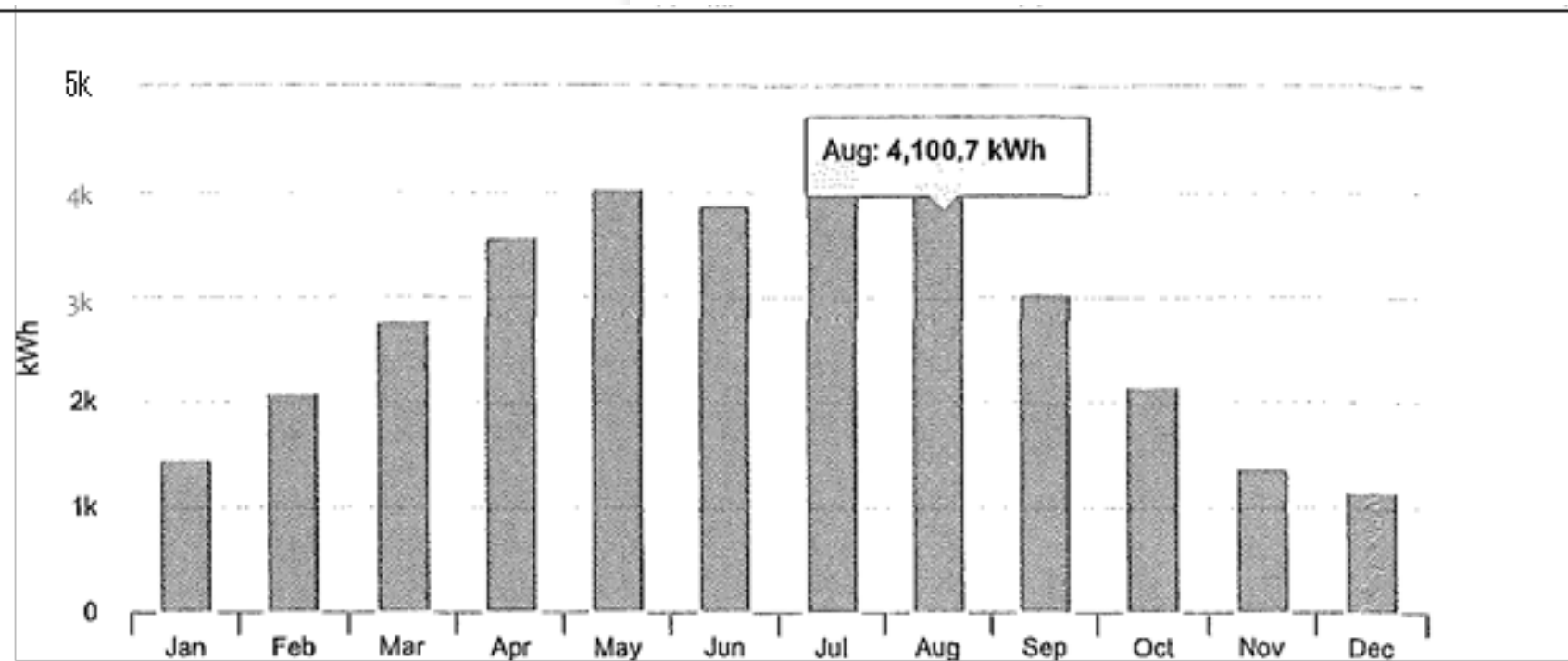


*Electrical/Solar
Conduit from
roof to match
color and
layout of
drainage pipes*

CBI Roof Solar

28.8 kW system

Monthly Production



Why are we doing this?

Executive Order 594: *Decarbonizing and Minimizing Environmental Impacts of State Government – Agency Goals*

MA Leading by Example Targets				
Objective	2025	2030	2040	2050
Reduce emissions from onsite fossil fuels*	-20%	-35%	-60%	-95%
Zero emission vehicles (ZEVs) in light-duty state fleet	5% of fleet (325 vehicles)	20% of fleet (1,625 vehicles)	75% of fleet (3,250 vehicles)	100% of fleet (6,500 vehicles)
Reduce fuel oil use*	-90%	-95%	TBD	TBD
Energy use intensity (site EUI) reduction*	-20%	-25%	TBD	TBD
EV charging stations at state facilities	350 stations	500 stations	TBD	TBD