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**1. Article 1: Bills of Prior Year**

Bills received after fiscal year closed without an encumbrance.

**2. Article 2: Funding Sewer Labor Contracts FY23 and FY24**

Sewer contract negotiations pending, \$75,000.00 to be taken from Sewer Enterprise Fund Retained Earnings.

**3. Article 3: Sewer Treatment Plant Upgrade: Additional funds, Amend Article 15A of Town Meeting 6/18/2022**

Due to increase in pricing, the additional cost was \$20 million higher than anticipated. Fairhaven is the borrower and the Town of Mattapoisett pays a portion per an intermunicipal agreement. New rate impact has not yet been determined. Mr. Furtado will address.

**4. Article 4: Capital Fee Transfer**

To transfer the fee collected biannually from sewer utility users and transfer that to sewer capital improvements stabilization fund.

**5. Article 5: Water Storage Tank Maintenance Contract**

Amend Article 14B of the June 18, 2022 Annual Town Meeting for the legal authorization needed by Town Meeting to enter a contract for this service.

**6. Article 6: Safe Route to Schools, Property Easement Compensation**

To pay for the appraisal of 13 parcels on Sconticut Neck Road (between David Drown Blvd. and Hiller Ave.) and compensation to the property owners for use under an easement to secure a State/Federal Safe Routes to School grant.

**7. Article 7: Funding for Town Hall Fire Alarm Panel**

Fire Alarm panel in the Town Hall is approximately 25 years old, parts cannot be obtained to repair and in the current location it is malfunctioning and obsolete and parts to repair can no longer be sourced making replacement a safety issue. Due to the safety issue of this repair it is not following the normal CIP process.

**8. Article 8: Funding for Town Clerk/Elections: Poll Pads**

As part of election modernization and with more demands on election workers; having these iPads will expedite the process and help with the four upcoming elections in 2024. Currently there are six poll pads used by the election workers; purchasing eight additional will provide two per precinct (six precincts x 2 = 12) plus two for check in and verification/backup (grand total of fourteen poll pads). The state currently recommends the number of poll pads and it is due to become a requirement.

**9. Article 9: Amend FY23 CPC Appropriation: Manjiro House, use of funds to include exterior also.**

CPC is requesting a language change to a previously approved article from June 18, 2022 ATM (Article 22G). This will update the language to include exterior renovations, no additional funds.

**10. Article 10: Solar Canopy Project: Recreation Center/Council on Aging**

Asking for Town Meeting to approve the Select Board to enter into negotiations for a lease, power

10/11/2023

purchase, and an energy storage agreement with Solect Energy Development LLC for solar energy projects located on Town properties, through the program created by Power Options. This project is at the Rec Center and COA property. Town Meeting approval is needed to enter into negotiations. This is not a financial article.

**11. Article 11: Increase Revolving Fund Accounts: Mattress Recycling Account and Mooring Fees Account.**

Due to increasing costs for bills paid out of the respective funds, the current fund limits are not sufficient and revolving funds can only be expended at the lesser of the limit or funds in the account. See Section 53E1/2: Revolving funds.

**12. Article 12: Bylaw Change: Town Clerk, Appointed Position**

Asking for Town Meeting to change the Town Clerk from an elected position to an appointed (hired) position, aligning with the other Town Hall departments.

**13. Article 13: Bylaw Change: Capital Improvement Plan (Bond Counsel recommendation to language)**

Bond Counsel and Town Counsel reviewed and recommended language changes to clarify timelines and align the dates in conjunction with the annual budget process that is presented by the Town Administrator to the Select Board. Some portions were removed per recommendation of Town Counsel because it is redundant and already part of MGL.

**14. Article 14: Citizen's Petition: Street Acceptance: Alves Way**

At present the petition and details have been forwarded to Town Departments (BPW, Planning, Police, Fire, Building, Conservation) to be reviewed for commentary and a Public Hearing will be held by the Select Board (target date is October 23, 2023).

**15. Article 15: Citizen's Petition: Reconsider Adoption of Article 22, May 6, 2023 ATM prohibiting sale of "nips"**

The petition was reviewed by Town Counsel, as written and submitted the ask is not for Town Meeting to take action but to ask the Sustainability Committee to reconsider the amendment to the bylaw banning the sale of "nips". Based on Town Counsel the petition is an invalid request, the Select Board acknowledged it at their September 18<sup>th</sup> meeting and it was sent to the Sustainability Committee to do the same at a future meeting.

**16. Article 16: OTHER BUSINESS**



# Town of Fairhaven

PRINTED: 10/11/2023  
**DRAFT 6**

## WARRANT

On Tuesday, the fourteenth of November, 2023 at 7:00p.m. in the Walter Silveira Auditorium at the Elizabeth I. Hastings Middle School, then and there, the following articles will be before you for a vote.

The Finance Committee has reviewed and provided their recommendation as custom. Contact the Select Board/Town Administrator's office for more information.

### Majority Vote needed unless stated otherwise

#### ARTICLE 1: BILLS OF PRIOR YEAR

To see if the Town will vote to pay the unpaid bills of a prior fiscal year. And others that may be brought forward, or take any other action relative thereto

*Petitioned by: Town Accountant*

<u>Vendor</u>	<u>Amount</u>	<u>Funded From</u>
Stephenson & Brook	\$ 8,000	Surplus Revenue (Free Cash)
Standard Marine Outfitters	\$ 35.98	Surplus Revenue (Free Cash)
Town of Mattapoisett	\$ 6,647	Water Retained Earnings
ASNE	\$ 3,501	Sewer Retained Earnings

Select Board:

Finance Committee:

**Vote Required: Four-Fifths (4/5) Vote**

**Motion: To approve as listed in the warrant**

#### ARTICLE 2: FUND SEWER LABOR CONTRACTS-FY23 & FY24

To see if the Town will vote to fund the FY23 and FY24 labor contract for the Sewer Department or take any other action relative thereto.

*Petitioned by: Town Administrator*

Select Board:

Finance Committee:

**Motion: To waive § 50-9 D of the Town Bylaw, Collective Bargaining Agreements Section in accordance with Subsection F**

**Motion: To adopt the sum of \$75,000 to be transferred from Sewer Enterprise Fund Retained Earnings to Sewer Salaries and Wages**

#### ARTICLE 3: SEWER TREATMENT PLANT ADDITIONAL FUNDS

To see if the Town will vote to amend Article 15A of the June 18, 2022 Town Meeting and raise and appropriate, borrow or transfer from available funds an additional sum of \$20,000,000.00 for additional charges to supplement the costs for the sewer treatment plant upgrade, or take any action relative thereto.

*Petitioned by: Board of Public Works*

Select Board:  
Finance Committee:

**Motion: To amend Article 15A of the June 18, 2022 Annual Town Meeting and to move that an additional sum of \$20,000,000 is appropriated along with the previously approved \$50,000,000 to pay costs for Sewer Treatment Plant Upgrade, including the payment of all costs incidental and related thereto, and that to meet this appropriation, the Treasurer, with the approval of the Select Board, is authorized to borrow \$20,000,000 pursuant to G.L. c. 44, §8(14) or any other enabling authority, and to issue bonds or notes of the Town therefore.**

**ARTICLE 4: CAPITAL FEE TRANSFER**

To see if the Town will vote to transfer from the June 30, 2023 Sewer Retained Earnings the Sewer Capital Fee Revenue of \$295,959.45 and transfer into the Sewer Capital Improvements Stabilization Fund or take any action relative thereto.

*Petitioned by: Board of Public Works*

Select Board:  
Finance Committee:

**Motion: To transfer from the June 30, 2023 Sewer Retained Earnings the Sewer Capital Fee Revenue of \$295,959.45 and transfer into the Sewer Capital Improvements Stabilization Fund.**

**ARTICLE 5: WATER STORAGE TANK MAINTENANCE CONTRACT**

To see if the Town will vote pursuant to G.L. Chapter 40 § 62 to authorize the Chief Procurement Officer, in consultation with the Board of Public Works, to enter into a water storage tank maintenance contract to be awarded in accordance with G.L. Chapter 30B § 6, for a maximum term of fifteen years and in an amount not to exceed one million dollars (\$1,000,000) as appropriated under Article 14B of the June 18, 2022 Annual Town Meeting, or take any other action relative thereto.

*Petitioned by: Board of Public Works*

Select Board:  
Finance Committee:

**Motion: To authorize the Chief Procurement Officer, in consultation with the Board of Public Works, to enter into a water storage tank maintenance contract in accordance with G.L. Chapter 30B § 6, for a maximum term of fifteen years and in an amount not to exceed one million dollars (\$1,000,000) as appropriated under Article 14B of the June 18, 2022 Annual Town Meeting.**

**ARTICLE 6: SAFE ROUTES TO SCHOOLS PROPERTY EASEMENT COMPENSATION**

To see if the Town will vote to raise and appropriate, borrow or transfer from available funds the sum of \$ 75,000 from Surplus Revenue (Free Cash) for costs associated with compensation to property owners for the temporary easements on fifteen parcels on Sconticut Neck Road between David Drown Blvd. and Hiller Ave. that was part of securing a State/Federal Safe Routes to School grant or take any other action relative thereto.

*Petitioned by: Board of Public Works*

Select Board:

Finance Committee:

**Motion: To transfer from available funds the sum of \$ 75,000 from Surplus Revenue (Free Cash) for costs associated with compensation to property owners for the temporary easements on thirteen parcels on Sconticut Neck Road between David Drown Blvd. and Hiller Ave. that was part of securing a State/Federal Safe Routes to School grant.**

**ARTICLE 7: REPLACE TOWN HALL ALARM PANEL**

To see if the Town will vote to raise and appropriate, borrow or transfer from available funds the sum of \$ 70,000 for emergency costs associated with replacing the fire alarm panel in Town Hall or take any other action relative thereto.

*Petitioned by: Town Administrator*

Select Board:

Finance Committee:

**Motion: To transfer from Surplus Revenue (Free Cash) the sum of \$70,000 for emergency costs associated with replacing the fire alarm panel in Town Hall and associated costs for the project.**

**ARTICLE 8: TOWN CLERK POLL PADS**

To see if the Town will vote to raise and appropriate, borrow or transfer from available funds the sum of \$ 12,700 to purchase eight poll pads for elections and Town Meeting or take any other action relative thereto.

*Petitioned by: Town Clerk's Office*

Description:

The state recommends two poll pads per precinct and two back-up poll pads; the Town currently has six poll pads for elections and needs eight additional to meet the state's recommendation. The state is in the process of making this a requirement for future elections.

Select Board:

Finance Committee:

**Motion: To move that the Town vote to raise and appropriate, borrow or transfer from available funds the sum of \$12,700 for costs associated with the purchase of poll pads or take any action relative thereto.**

**ARTICLE 9: AMEND FY23 COMMUNITY PRESERVATION COMMITTEE APPROPRIATION: WHITFIELD MANJIRO FRIENDSHIP SOCIETY**

To see if the Town will vote to amend previously approved FY23 Whitfield Manjiro Friendship Society – Whitfield Manjiro Cultural Center project (Article 22G of the June 18, 2022 Annual Town Meeting) to include exterior renovations, with no additional funding requested.

*Petitioned by: Community Preservation Committee*

Select Board:

Finance Committee:

**Motion: To amend Article 22G of the June 18, 2022 Annual Town Meeting to include exterior renovations.**

**ARTICLE 10: SOLAR CANOPY PROJECT: RECREATION CENTER/COUNCIL ON AGING**

To see if the Town will vote to authorize the Select Board or its designee to enter into negotiations for a lease, power purchase and an energy storage agreement with Solect Energy Development LLC for solar energy projects located on Town properties, through the program created by Power Options or take any other action relative thereto.

*Petitioned by: Town Administrator*

Description:

This article allows for the Select Board or its designee to negotiate a contract for a solar panel project in the parking lot at the Recreation Center/Council on Aging.

Select Board:

Finance Committee:

**Motion: To move that the Town authorize the Select Board or its designee to enter into negotiations for a lease, power purchase, and any energy storage agreement with Solect Energy Development LLC for solar energy projects located on Town properties, through the program created by Power Options or take any action relative thereto.**

**ARTICLE 11: REVOLVING FUNDS**

To see if the Town will increase the following Revolving Accounts' spending limits under the provisions of Massachusetts General Law Chapter 44, Section 53 E 1/2:

Revolving Fund	Authorized to Spend	Revenue Source	FY24 Limit
Mooring Fees	Marine Resources	Mooring fees	\$4,000
Mattress Recycling	Board of Health/Sanitation	Fees from mattress disposal	\$4,000

Or take any other action relative thereto.

*Petitioned by: Town Administrator*

Select Board:

Finance Committee:

**Motion: To adopt as written in the warrant.**

**ARTICLE 12: APPOINTMENT OF TOWN CLERK**

To see if the Town will vote, pursuant to G.L. c. 41, s. 1B, to change the position of Town Clerk from elected to appointed (hired), said change being contingent upon acceptance of such change by the voters at the next Annual Town Election, or take any other action relative thereto.

*Petitioned by: Select Board*

Select Board:

Finance Committee:

**Motion: To adopt as written in the warrant.**

**ARTICLE 13: AMEND BYLAWS CHAPTER 40 § 2-7**

To see if the Town will vote to amend the language in Bylaws, Chapter 40 § 6 as recommended by Bond Counsel with the following language updates reflected below with changes listed below:

**§ 40-2. Committee established.**

The Select Board shall appoint a Capital Planning Committee ("Committee") consisting of seven voting members, ~~and three or more nonvoting ex-officio members,~~ to assist and advise the Town Administrator in preparing a five-year Capital Improvement Plan. The voting members shall serve terms of three years. Initially two voting members shall serve for one year, two for two years, and three for three years, and they may be reappointed. The Committee shall be comprised as follows:

A. Voting members:

- (1) One member of the Board of Public Works or an appointee thereof;
- (2) A person who is a member of the Fairhaven local School Committee or an appointee thereof;
- (3) A resident of Fairhaven who represents the business, financial, or banking community;
- (4) A resident of Fairhaven with experience in the management of construction activities;
- (5) A resident of Fairhaven knowledgeable about the Town's needs in the areas of open space and recreation facilities or activities;
- (6) ~~The Finance Director/Treasurer/Collector;~~ **A designee of The Finance Director, or, in the absence of a Finance Director, a Town financial staff member, designated by the Town Administrator, said financial designee to act as Chair of the Committee; and**
- (7) ~~The Town Administrator; and~~ **One resident member appointed by the Select Board**
- (8) ~~Such other nonvoting ex-officio members as the Select Board deems appropriate from time to time.~~

**§ 40-3. Duties of Committee.**

A. Study proposed capital projects, improvements, and equipment purchases that have a useful life of at least five years and cost over \$20,000 per item;

~~B. Work with Town departments and officers to compile an inventory of the Town's facilities, equipment, machinery and other capital assets;~~

~~B. C.~~ Consider the relative need, impact, timing and cost of these expenditures and the effect each will have on the financial position of the Town of Fairhaven;

~~C. D.~~ Prepare an annual report recommending a Capital Improvement Budget **Projects/Plan** for the next fiscal year and a Capital Improvement Program Plan, including capital improvements for the next five years. The report shall be submitted to the **Town Administrator who shall then submit it to the** Select Board **along with the budget** ~~on or before December 31 of~~ **for the next fiscal year** each year for consideration and approval; [Amended 6-14-2021 ATM by Art. 46]

~~D. E.~~ Present the **The Capital Improvement Projects Plan and Capital Improvement Program Plan are to be presented at** the Annual Town Meeting for its approval of fiscal year expenditures;

~~F.~~ Monitor the execution of projects authorized;

~~E. G.~~ Explain and defend to the Town Meeting any deviation which the Committee proposes from the Capital Improvement Program Plan.

**§ 40-4. Report of anticipated capital outlays to Committee.**

~~By October 15 of e~~Each year, each department, board, committee and commission shall provide to the Committee information concerning all anticipated capital outlays requiring Town Meeting appropriation for the ensuing five-year period.

~~**§ 40-5. Public hearing on Capital Improvement Plan.**~~ [Amended 6-14-2021 ATM by Art. 46]

~~After the annual presentation of the Capital Improvement Plan by the Committee to the Select~~

Board, the Select Board shall, within 30 days of the receipt of the plan, hold a public hearing to present the plan for public comment.

**§ 40-5.-6 Appropriation for capital improvements.** [Amended 6-14-2021 ATM by Art. 46]  
**Except as otherwise authorized by law** ~~no~~ appropriation shall be voted for a capital improvement requested by a department, board or commission unless the proposed capital improvement has been considered in the Committee's Capital Improvement Plan, or the Committee has submitted a report to the Select Board explaining the omission of the proposed capital improvement from its Plan **vetted the proposed capital improvement with the Town Administrator.**

**§ 40-7. Expenditures in preparation for capital improvements.**  
Such Capital Improvement Program, after its adoption, shall permit the expenditure on projects included therein of sums from departmental budgets for surveys, architectural or engineering advice, options or appraisals; but no such expenditure shall be incurred on projects which have not been so approved by the Town through the appropriation of sums in the current year or in prior years, or for preliminary planning for projects to be undertaken more than five years in the future. Notwithstanding the provisions of this section, the Town may appropriate and expend funds for the purchase of land regardless of when improvements to, or use of, the land by the Town is anticipated.

*Petitioned by: Town Administrator, recommended by Bond Counsel*

Select Board:  
Finance Committee:

**Motion: To adopt as written in the warrant.**

**ARTICLE 14: CITIZENS PETITION – STREET ACCEPTANCE: ALVES WAY**

To see if the Town will vote to accept as a public street Alves Way, or take any action relative thereto.  
*Petitioned by: Antonio Alves*

Select Board:  
Finance Committee:

**Motion: To be provided by petitioner**

**ARTICLE 15: CITIZENS PETITION – RECONSIDER ADOPTION OF ARTICLE 22, MAY 6, 2023 ANNUAL TOWN MEETING**

To see if the Town will vote to request that the Sustainability Committee reconsider adoption of previously approved Article 22 of the May 6, 2023 Annual Town Meeting which stated: Amend Bylaws, Chapter 83 Alcoholic Beverages and Drugs, add a new section §5, Prohibit Sale of Alcohol “Nip” Bottles. The sale of alcoholic beverages in containers less than or equal to 100 milliliters is prohibited within the Town of Fairhaven effective January 1, 2024 or take any action relative thereto.  
*Petitioned by: The eligible voters of the Town of Fairhaven*

Select Board:  
Finance Committee:



**Motion: To be provided by petitioner**

**ARTICLE 16: OTHER BUSINESS**

To act upon any other business which may legally come before this meeting.

And you are hereby directed to serve this warrant by posting an attested copy thereof on or near the front or main entrance of the polling place for all Precincts at the Fairhaven Recreation Center, 227 Huttleston Avenue, seven days at least prior to the date of the meeting.

*Appendix*

DRAFT

# Revolving Funds

Section 53E1/2. Notwithstanding section 53, a city or town may authorize by by-law or ordinance the use of 1 or more revolving funds by 1 or more municipal agencies, boards, departments or offices, which shall be accounted for separately from all other monies in the city or town and **to which shall be credited any fees, charges or other receipts from the departmental programs or activities supported by the revolving fund.** Expenditures may be made from such revolving fund without further appropriation, subject to the provisions of this section; provided, however, **that expenditures shall not be made or liabilities incurred from any such revolving fund in excess of the balance of the fund or in excess of the total authorized expenditures from such fund,** and no expenditures shall be made unless approved in accordance with sections 41, 42, 52 and 56 of chapter 41.

# Revolving Funds

## Section 53E1/2: Revolving funds

1. Town Meeting approves the revolver and limit

2. Fees are collected and deposited into the revolver

3. The Department expends from the revolver\*

\*Funds can only be expended out of the revolver for the purpose and expenditure approved at Town Meeting **AND** it is the **lesser** of the balance or limit

**FY2023 - Revolver Funds**

DEPT	ATM 2023 AMT NOT TO EXCEED IN EXPD	7/1/2022 BALANCE	7/1/2022 THROUGH		7/1/2022 THROUGH		6/30/2023 BALANCE
			REVENUE/OFS	EXPD/OFU	REVENUE/OFS	TRANSFERS	
FB MOORING REVOLVER (10/20/20)	MARINE RES 2,000.00	5,073.00	5,620.00				10,693.00
FB-Mattress Recycling FY20 (5/4/19)	SANITATION 1,000.00	6,600.00	2,280.00	2,830.00			6,050.00
TOTAL		11,673.00	7,900.00	2,830.00	-		16,743.00

**FY2024 - Revolver Funds**

DEPT	ATM 2024 AMT NOT TO EXCEED IN EXPD	7/1/2023 BALANCE	7/1/2023 THROUGH		7/1/2023 THROUGH		6/30/2023 BALANCE
			REVENUE/OFS	EXPD/OFU	REVENUE/OFS	TRANSFERS	
FB MOORING REVOLVER (10/20/20)	MARINE RES 1,000.00	10,693.00	6,620.00				17,313.00
FB-Mattress Recycling FY20 (5/4/19)	SANITATION 1,000.00	6,050.00	320.00				6,370.00
TOTAL		16,743.00	6,940.00	-	-		23,683.00

**Part I** ADMINISTRATION OF THE  
GOVERNMENT

**Title VII** CITIES, TOWNS AND DISTRICTS

**Chapter** MUNICIPAL FINANCE

**44**

**Section** REVOLVING FUNDS

**53E1/2**

*[Section impacted by 2020, 53, Sec. 8 effective April 3, 2020 relating to revolving fund expenditures a city or town may take in order to address disruptions caused by the outbreak of COVID-19.]*

Section 53E1/2. Notwithstanding section 53, a city or town may authorize by by-law or ordinance the use of 1 or more revolving funds by 1 or more municipal agencies, boards, departments or offices, which shall be accounted for separately from all other monies in the city or town and to which shall be credited any fees, charges or other receipts from the departmental programs or activities supported by the revolving fund. Expenditures may be made from such revolving fund without further appropriation, subject to the provisions of this section; provided, however, that expenditures shall not be made or liabilities incurred from any such revolving fund in excess of the balance of the fund or in excess of the total authorized expenditures from such fund, and no expenditures shall be made unless approved in accordance with sections 41, 42, 52 and 56 of chapter 41.

Interest earned on any revolving fund balance shall be treated as general fund revenue of the city or town. No revolving fund may be established under this section for receipts of a municipal water or sewer department, a municipal hospital, a cable television access service or facility or for receipts reserved by law or as authorized by law for expenditure for a particular purpose. Revolving fund expenditures shall not be made to pay wages or salaries for full-time employees unless the revolving fund is also charged for the costs of fringe benefits associated with the wages or salaries so paid; provided, however, that such prohibition shall not apply to wages or salaries paid to full-time or part-time employees who are employed as drivers providing transportation for public school students; provided further, that only that portion of a revolving fund which is attributable to transportation fees may be used to pay the wages or salaries of those employees who are employed as drivers providing transportation for public school students; and provided further, that any such wages or salaries so paid shall be reported in the budget submitted for the next fiscal year.

A revolving fund shall be established pursuant to this section by by-law or ordinance. The by-law or ordinance shall specify for each fund: (1) the programs or activities for which the revolving fund may be expended; (2) the departmental receipts in connection with those programs or activities that shall be credited to the revolving fund; (3) the board, department or officer authorized to expend from such fund; and (4) any reporting or other requirements the city or town may impose. The establishment of any fund shall be made not later than the beginning of the fiscal year in which the fund shall begin. Notwithstanding this section, whenever, during the course of any fiscal year, any new revenue source becomes available for the establishment of a revolving fund under this section, such a fund may

be established in accordance with this section upon certification by the city auditor, town accountant, or other officer having similar duties that the revenue source was not used in computing the most recent tax levy.

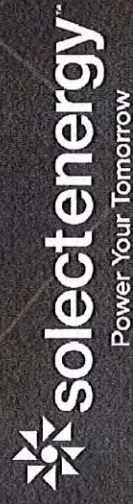
The city or town shall, on or before July 1 of each year, vote on the limit on the total amount that may be expended from each revolving fund established under this section. In any fiscal year, the limit on the amount that may be spent from a revolving fund may be increased with the approval of the city council and mayor in a city or with the approval of the board of selectmen and finance committee in a town.

Upon termination of a revolving fund, the balance in the fund at the end of that fiscal year shall revert to surplus revenue at the close of the fiscal year.

The director of accounts may issue guidelines further regulating revolving funds established pursuant to this section.

Town of Fairhaven COA/REC Center Canopy  
Solar Implementation Review  
PowerOptions Program

October 11, 2023





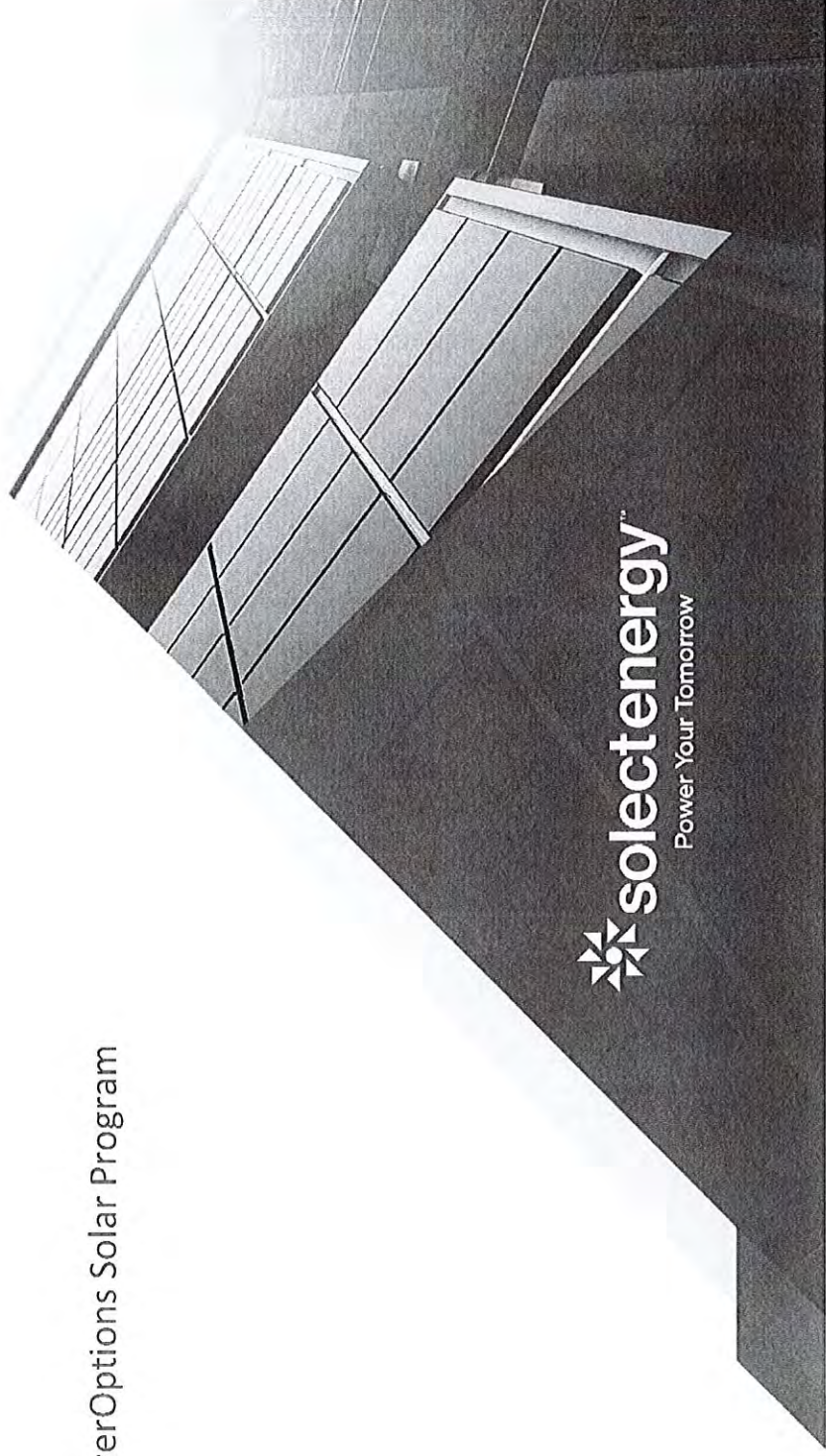
# Agenda

Why, What and How

About Solect Energy and PowerOptions Solar Program

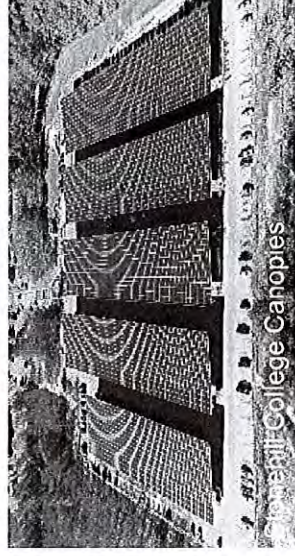
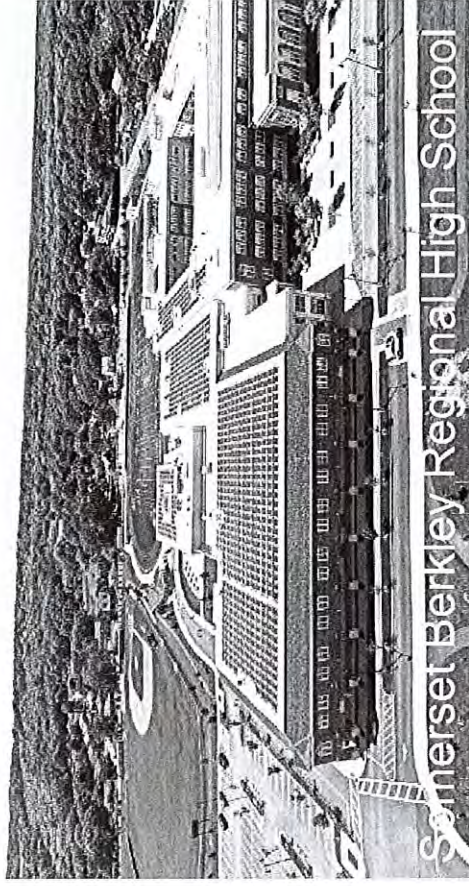
Proposed Solar Solutions

Discussion and Next Steps

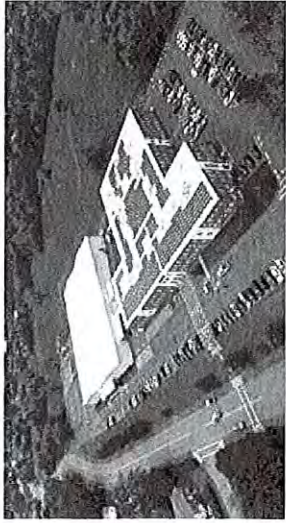


# About Solect Energy

- Leader in Commercial & Industrial solar in the Northeast
- Founded in 2009; headquartered in Hopkinton, MA
- Wholly owned subsidiary of Pattern Energy Group
- Full service solar and energy storage:
  - Design, Finance, Install, Monitor, Maintain
- 700+ installations | 130+ MW | 95+ employees
- Services team monitors and manages 700+ installations
- DCAMM certified
- PowerOptions Consortium RFP Award winner
  - Solar and storage provider to towns, schools, municipal agencies, and non-profits in MA, CT, RI



# Projects



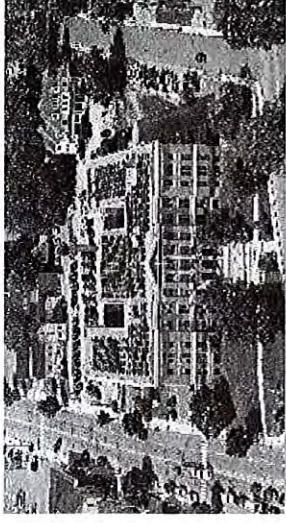
## Schools

Including Public School Districts, Higher Education, Private Schools, and more



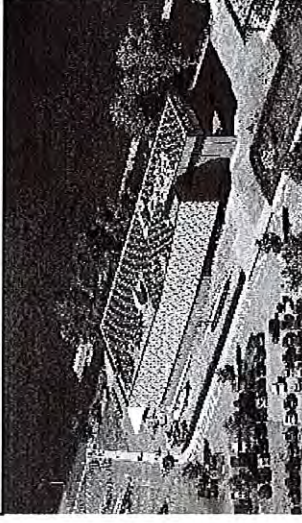
## State Agencies

Including Transit Authorities, State and Community Colleges, and more



## Municipal Buildings

Including City Halls, DPWs, Public Safety, Libraries, and more



## Nonprofits

Including health and human services, religious organizations, and more



We give our members "peace of mind"

**A Trusted Advisor  
Since 1998**

**A Mission-Driven  
Nonprofit**

Originally created by the Commonwealth of Massachusetts to serve state agencies, PowerOptions has been serving nonprofits and public entities for 25 years.

**Consortium  
Leverage**

PowerOptions members benefit from the collective buying strength of over 490 members including some of the largest nonprofits in Massachusetts, Connecticut, and Rhode Island.

**Flexible Programs**

PowerOptions' programs are intentionally and thoughtfully designed to serve members of any size and circumstance

**Your Energy Team**

PowerOptions' on-call energy team provides guidance throughout the contracting process, so you feel supported and resourced to make smart and proactive energy decisions.

Electricity & Gas Supply | Solar & Renewables | Vehicle Electrification | Energy Efficiency | Analytics & Sustainability Planning



**490+**  
members

**85+**  
MW's  
SOLAR

**25**  
years serving  
nonprofits

**1B kWh**  
ELECTRICITY

**\$120m**  
ANNUAL ENERGY  
SUPPLY SALES

**7M Dth**  
NATURAL  
GAS

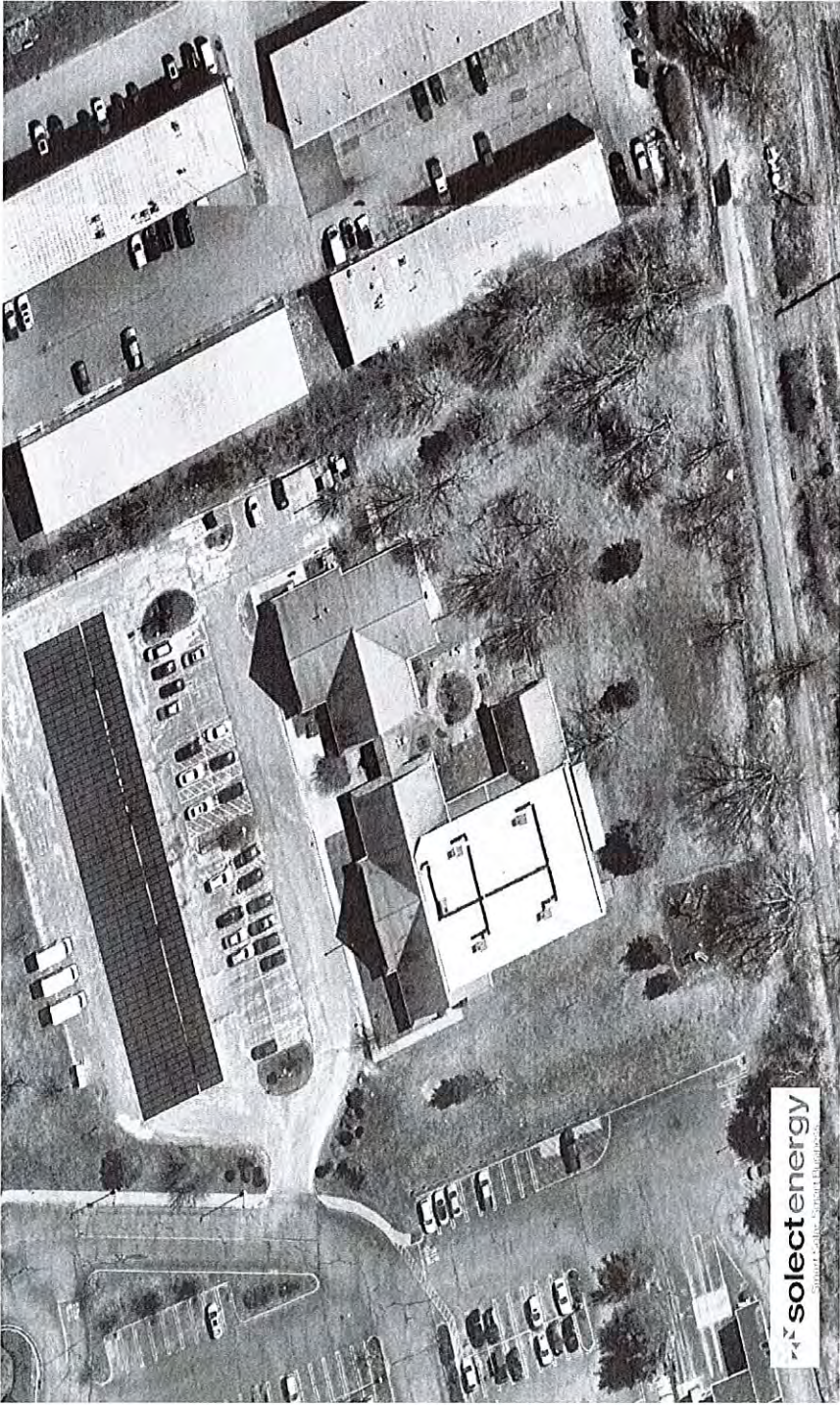
# PowerOptions Solar and Storage Program

- Since 2010, PowerOptions has conducted rigorous competitive RFPs on behalf of its members to the solar and energy storage provider communities with installation pricing, rate of return caps, a standard set of contract templates, and rules of engagement to work with PowerOptions members required by the solicitation.
- Procured pricing reflects the enormous purchasing potential of the nearly 500 members in the consortium; all Massachusetts, Connecticut and Rhode Island nonprofits and public entities are eligible to join.
- Highly efficient and best-in-class alternative to traditional public procurement methods (25A, 30B, 149).
  - Reviewed and verified by the MA Inspector General and Attorney General.
  - Standard contracts for nonprofits, municipal, and state entities (purchase, PPA, bill credit, lease).
  - Reduced time, effort, complexity, and cost for the solar and storage procurement process.
- PO Program Manager reviews EVERY proposal and contract for pricing and compliance to RFP.
- [Hopkinton Marathon Elementary School Solar-Plus-Storage Installation \[Case Study with video\]](#)

# Proposed Solutions



Fairhaven COA & Rec Center Proposed Solution



## PPA Savings Summary

PV System Capacity (kW DC)	215.04
Year 1 PV Output (kWh)	254,000
Percent of Usage	318%
Avoided kWh Electric Cost	\$0.2089
Solar PPA kWh Rate	\$0.1650
PPA Rate Escalator	0.0%
Term (Yrs)	25
SMART Incentive Amt (\$/kWh)	\$0.1232
Year 1 Forecast Savings	\$3,600
Term Savings	\$375,000
Annual Avoided CO <sub>2</sub> (lbs)	244,000
Term CO <sub>2</sub> Avoided (tons)	2,900

### Assumptions

- Open shop labor (3rd party owned)
- Rates assume PILOT of \$0.00 per kW-DC
- Rates do not include utility network upgrade or study costs
- Bonding not included as system is 3rd party owned
- Assumes SMART block 8
- Utility electric rates escalate at 2.0%
- Avoided emissions calculated based on 2020 EIA MA State Electricity Profile

Year	Solar Production (kWh)	Grid-Delivered Electricity Cost (\$/kWh)	Electric Savings	Solar PPA Rate (\$/kWh)	PPA Payment	Net Savings
1	254,156	\$0.2089	\$45,496	\$0.1650	\$41,936	\$3,561
2	252,758	\$0.2131	\$46,151	\$0.1650	\$41,705	\$4,446
3	251,368	\$0.2173	\$46,815	\$0.1650	\$41,476	\$5,340
4	249,985	\$0.2217	\$47,489	\$0.1650	\$41,248	\$6,241
5	248,610	\$0.2261	\$48,172	\$0.1650	\$41,021	\$7,152
6	247,243	\$0.2306	\$48,866	\$0.1650	\$40,795	\$8,070
7	245,883	\$0.2353	\$49,569	\$0.1650	\$40,571	\$8,998
8	244,531	\$0.2400	\$50,282	\$0.1650	\$40,348	\$9,934
9	243,186	\$0.2448	\$51,006	\$0.1650	\$40,126	\$10,880
10	241,848	\$0.2497	\$51,740	\$0.1650	\$39,905	\$11,835
11	240,518	\$0.2546	\$52,484	\$0.1650	\$39,685	\$12,799
12	239,195	\$0.2597	\$53,239	\$0.1650	\$39,467	\$13,772
13	237,880	\$0.2649	\$54,005	\$0.1650	\$39,250	\$14,755
14	236,571	\$0.2702	\$54,783	\$0.1650	\$39,034	\$15,748
15	235,270	\$0.2756	\$55,571	\$0.1650	\$38,820	\$16,751
16	233,976	\$0.2812	\$56,371	\$0.1650	\$38,606	\$17,764
17	232,689	\$0.2868	\$57,182	\$0.1650	\$38,394	\$18,788
18	231,410	\$0.2925	\$58,005	\$0.1650	\$38,183	\$19,822
19	230,137	\$0.2984	\$58,839	\$0.1650	\$37,973	\$20,867
20	228,871	\$0.3043	\$59,686	\$0.1650	\$37,764	\$21,922
21	227,612	\$0.3104	\$60,545	\$0.1650	\$37,556	\$22,989
22	226,360	\$0.3166	\$61,416	\$0.1650	\$37,349	\$24,067
23	225,115	\$0.3230	\$62,300	\$0.1650	\$37,144	\$25,156
24	223,877	\$0.3294	\$63,196	\$0.1650	\$36,940	\$26,257
25	222,646	\$0.3360	\$64,106	\$0.1650	\$36,737	\$27,369
<b>Total</b>						<b>\$375,282</b>



Thank you!

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