



**SELECT BOARD MEETING
MONDAY, APRIL 25, 2022**

REGULAR MEETING: 6:00 P.M.

IN-PERSON AT 13 VALLEY STREET

LIVE STREAMING AVAILABLE ON THE TOWN WEBSITE OR BY VISITING:

https://www.townhallstreams.com/towns/thomaston_me

CAN'T ATTEND A MEETING? PLEASE SUBMIT QUESTIONS/CONCERNS TO THE TOWN MANAGER AT:

kgeorge@thomastonmaine.gov

REGULAR MEETING 6:00 P.M.

- 1. CALL THE MEETING TO ORDER**
- 2. PUBLIC HEARINGS**
- 3. APPROVE THE MINUTES OF:**
- 4. APPROVE THE WARRANTS**
- 5. ADJUSTMENTS TO THE AGENDA**
- 6. TOWN MANAGER'S REPORT**
- 7. TOWN BOARDS & COMITTEES UPDATE**
- 8. PUBLIC COMMENTS**
- 9. OLD BUSINESS**
- 10. NEW BUSINESS**
 - A. REVIEW FOR APPROVAL THE TOWN MEETING WARRANT FOR JUNE 15, 2022.**
 - B. REVIEW FOR APPROVAL AND AUTHORIZE THE TOWN MANAGER TO SIGN THE HR MAINE CONSULTING CONTRACT.**

- C. **CONSIDER AND APPROVE THE PURCHASE OF A 40 YARD ROLL OFF DEMOLITION CONTAINER PER THE REQUEST OF PUBLIC WORKS DIRECTOR BRANDON ALLEN.**
- D. **APPROVE THE APPOINTMENT OF CHRIS RECTOR TO THE ECONOMIC DEVELOPMENT COMMITTEE AND PATRICIA SMITH AS A BALLOT CLERK.**
- E. **UPDATE FROM DAVE TAYLOR, CHAIR OF THE GRRSM COMMITTEE, ON THE WATER TEST RESULTS FROM MILL RIVER PARK.**
- F. **CONSIDER FOR APPROVAL PLACING SOLAR PANELS ON THE GARAGE ROOF AT THE POLLUTION CONTROL PLANT PER THE REQUEST OF JOHN FANCY.**

Upcoming Dates:

Wednesday, April 27 th	Economic Development Committee 11 a.m.
Wednesday, April 27 th	First Aid Training, Lura Libby Room, 9 a.m.
Thursday, April 28 th	Recreation Committee Meeting 5:30 p.m.
Monday, May 9th	Select Board Meeting 6:00 p.m.
Tuesday, May 10 th	Harbor Committee Meeting 5:00 p.m.
Wednesday, May 18th	Candidates Night for Select Board 6:00 p.m.
Thursday, May 19th	Cemetery Meeting 6:00 p.m.
Wednesday, May 25	Public Information Session Warrant Articles 5 and 6, 6:00pm
Wednesday, May 25	Public Hearing Secret Ballot Warrant Articles 3 and 4, 6:00pm



**TOWN OF THOMASTON, MAINE
ANNUAL TOWN MEETING WARRANT
FISCAL YEAR JULY 1, 2022-JUNE 30, 2023**

TO: Timothy Hoppe, a Constable of the Town of Thomaston in the County of Knox, State of Maine.

GREETINGS: In the name of the State of Maine, you are hereby required to notify and warn the voters of the Town of Thomaston, in the County of Knox, State of Maine, qualified to vote by law in Town affairs, to meet at the **THOMASTON MUNICIPAL BUILDING** (former Lura Libby School) at 13 Valley Street in said Town on **TUESDAY, JUNE 14, 2022** at 8:00 AM prevailing time, then and there to act upon article 1 and by secret ballots on articles 2 through 4 as set out below of the Annual Town Meeting Warrant. Polls will open at eight (8) o'clock in the morning and will close at eight (8) o'clock in the evening prevailing time.

And, to notify and warn voters of the Town of Thomaston, in the County of Knox, State of Maine, to reconvene at the **THOMASTON MUNICIPAL BUILDING** in said Town on **WEDNESDAY, JUNE 15, 2022** at 6:00 PM prevailing time, then and there to act on articles 5 through 36 as set out below:

SECRET BALLOT ARTICLES 1-4

ARTICLE 1: To choose a moderator to preside at said meeting. (Note: The moderator is nominated from the floor.)

ARTICLE 2: To elect by secret ballot the following offices:

1. Two (2) Select Board members for three-year terms.
2. One (1) Board of Assessors member for a three-year term.
3. One (1) RSU #13 School Board member for a three-year term.

ARTICLE 3 Shall the Town of Thomaston vote to allow the Town to determine the future use of the 15.6-acre parcel of land known as the Thomaston Green and to prevent this land from being permanently restricted to a public park?

SELECT BOARD RECOMMENDS _____

ARTICLE 4: **CITIZENS INITIATIVE** "Shall the Town vote to permanently dedicate the 15.6-acre parcel known as the "Thomaston Green" for use as a public park for recreational and community events and related infrastructure, said parcel being more precisely identified as "Parcel One" in a Quitclaim Deed recorded in the Knox County Registry of Deeds at Book 3547, Page 48?"

SELECT BOARD RECOMMENDS _____

OPEN TOWN MEETING ARTICLES 5-36

ARTICLE 5: To see if the Town will vote to authorize the Select Board to enter into an agreement on such terms and conditions as the Select Board deems appropriate to swap land owned by the Town

that contains approximately 7 acres adjacent to the George C. Hall & Sons Inc. quarry to George C. Hall & Sons and in return, the Town of Thomaston is to receive approximately 30 acres of land owned by George C. Hall & Sons Inc. adjacent to currently owned Town land.

EXPLANATION: George C. Hall & Sons would like to expand their quarry into land owned by the Town and are offering to swap most of lot 033 in exchange for the Town property. The Town intends to offer the south portion of this parcel to a developer who will construct affordable housing on it. George C. Hall & Sons will construct a fence between the quarry and the Town's property as a safety measure.

SELECT BOARD RECOMMENDS _____

ARTICLE 6: To see if the Town will vote to authorize the Select Board to sell lots of land within the parcel of land received by the Town from George C. Hall and Sons, Inc. as shown on the map on file with the Town Clerk available for public inspection to developers of affordable/workforce housing projects on such terms and conditions as the Select Board deem appropriate.

SELECT BOARD RECOMMENDS _____

BUDGET ARTICLES

ARTICLE 7: Shall the Town vote to put all non-real estate/personal property tax revenues in to the Unassigned Fund Balance (surplus), and authorize the Select Board to accept any additional revenue or funds and expend any other revenue from the State, Federal, local and private sources for the support of the Town that may be used to reduce the amount required to be raised by taxation, and to vote to appropriate \$17,450 from the Computer Reserve and apply these funds to the FY 2023 tax commitment as a reduction in the amount to be raised from taxation?

EXPLANATION: This authorizes the Town to accept any additional revenues or funds and expend any other revenue from the State, Federal, local and private sources for the support of the Town that may be used to reduce the amount required to be raised by taxation.

SELECT BOARD RECOMMENDS _____/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 8: Shall the Town vote to raise and appropriate \$770,027 for GENERAL GOVERNMENT for the 2022/2023 Fiscal Year?

GENERAL GOVERNMENT

Select Board/Legal	\$43,626
Manager/Tax Collector	\$252,379
Clerk's Office/Elections	\$88,953
General Office	\$32,647
Finance Office	\$117,004
Administration	\$21,066

Contingency	\$1,000
Computer Technology	\$48,494
Planning Board	\$200
Code Enforcement	\$81,995
Assessing Office	\$82,663
TOTAL:	\$770,027

SELECT BOARD RECOMMENDS 4-0/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 9: Shall the Town vote to raise and appropriate \$134,735 for maintenance and operation of MUNICIPAL BUILDINGS for the 2022/2023 fiscal year?

MUNICIPAL BUILDINGS

Watts Block	\$39,906
Academy Building	\$36,281
Municipal Building	\$34,100
Building Maintenance	\$24,448
TOTAL:	\$134,735

SELECT BOARD RECOMMENDS 4-0/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 10: Shall the Town vote to raise and appropriate \$691,092 for the POLICE DEPARTMENT for the 2022/2023 fiscal year?

POLICE DEPARTMENT

Police Wages & Benefits	\$593,918
Secretary Wages	\$11,824
Transportation	\$23,500
Supplies & Equipment	\$61,850
TOTAL:	\$691,092

**SELECT BOARD RECOMMENDS AN ADDITIONAL \$11,824 Vote (4-0)
BUDGET COMMITTEE RECOMMENDS \$679,268 (5-0)**

ARTICLE 11: Shall the Town vote to raise and appropriate \$257,089 for PROTECTION AND PUBLIC SAFETY for the 2022/2023 fiscal year?

PROTECTION & SAFETY

Town Lighting/Electricity	\$45,401
Emergency Management & Local Health Officer	\$24,963
Animal Control	\$11,150
Hydrant Rental	\$173,275
Septic Waste Disposal	\$2,300
TOTAL:	\$257,089

SELECT BOARD RECOMMENDS 4-0/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 12: Shall the Town vote to raise and appropriate \$183,522 for the FIRE DEPARTMENT for the 2022/2023 fiscal year?

FIRE DEPARTMENT

Wages	\$83,121
Operations	\$8,550
Equipment	\$35,501
Vehicles	\$35,100
Building	\$21,250
TOTAL:	\$183,522

SELECT BOARD RECOMMENDS 4-0/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 13: Shall the Town vote to raise and appropriate \$728,484 for the PUBLIC WORKS DEPARTMENT for the 2022/2023 fiscal year?

PUBLIC WORKS DEPARTMENT

Wages & Benefits	\$457,131
General Supplies	\$7,050
Operation	\$84,950
Winter Roads	\$79,000
Summer Roads	\$35,750
Stump Dump	\$56,253
Building	\$8,350
TOTAL:	\$728,484

SELECT BOARD RECOMMENDS 4-0/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 14: Shall the Town vote to raise and appropriate \$396,934 for the AMBULANCE DEPARTMENT for the 2022/2023 fiscal year?

AMBULANCE DEPARTMENT

Wages	\$353,784
Training	\$8,000
Transportation	\$6,300
Supplies	\$4,800
Operations	\$16,050
Communication	\$2,000
Billing	\$6,000
TOTAL:	\$396,934

SELECT BOARD RECOMMENDS 4-0/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 15: Shall the Town vote to raise and appropriate \$327,862 for the TRANSFER STATION for the 2022/2023 fiscal year?

SELECT BOARD RECOMMENDS 4-0/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 16: Shall the Town vote to raise and appropriate \$8,750 for GENERAL ASSISTANCE for the 2022/2023 fiscal year?

SELECT BOARD RECOMMENDS 4-0/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 17: Shall the Town vote to raise and appropriate \$146,691 for the RECREATION & LEISURE SERVICES for the 2022/2023 fiscal year?

RECREATION & LEISURE

Recreation Dept.	\$114,018
Tree Warden	\$13,972
Harbor Committee	\$16,201
<u>Conservation</u>	<u>\$2,500</u>
TOTAL:	\$146,691

SELECT BOARD RECOMMENDS 4-0/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 18: Shall the Town vote to raise and appropriate \$15,660 for SOCIAL SERVICES & LOCAL AGENCIES for the 2022/2023 fiscal year?

Explanation: Social Services include Coastal Opportunities, Penquis, New Hope for Women, Spectrum Generations, Pope Memorial Humane Society, Trekkers, Knox County Homeless Coalition, Rockland District Nursing, Waldo Community Action Partners, and Life Flight. Local Agencies include the Thomaston Historical Society, Christmas Lighting, Memorial Day Committee, Friends of Montpelier, Landscaping Committee, and the Thomaston Food Pantry.

SELECT BOARD RECOMMENDS 4-0/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 19: Shall the Town vote to raise and appropriate \$239,364 for UNCLASSIFIED ACCOUNTS for the 2022/2023 fiscal year?

UNCLASSIFIED ACCOUNTS

Insurance & Compensation	\$112,829
Memberships	\$8,177
Library Operating	\$75,000
<u>Cemetery Operating</u>	<u>\$43,358</u>
TOTAL:	\$239,364

SELECT BOARD RECOMMENDS 4-0/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 20: Shall the Town vote to raise and appropriate \$463,384 for CAPITAL IMPROVEMENTS & RESERVE ACCOUNTS for the 2022/2023 fiscal year?

CAPITAL IMPROVEMENTS & RESERVE ACCOUNTS

Reserves	\$208,500
Misc. Projects	\$113,884
Public Works Projects	\$138,000
Shellfish Management	\$3,000
TOTAL:	\$463,384

<i>Reserves Explanation:</i>			
<i>Police Cruiser Reserve</i>	\$11,000	<i>Public Works Reserve</i>	\$30,000
<i>Ambulance Reserve</i>	\$25,000	<i>Culvert Replacement Reserve</i>	\$23,000
<i>Fire Apparatus Reserve</i>	\$30,000	<i>Watts Block Building Reserve</i>	\$ 8,000
<i>Municipal Facilities Reserve</i>	\$58,000	<i>Computer Reserve</i>	\$10,500
<i>Academy Maintenance Reserve</i>	\$ 8,000	<i>EMS Equipment Reserve</i>	\$ 5,000

SELECT BOARD RECOMMENDS 4-0/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 21: Shall the Town vote to expend up to \$15,000 for a preliminary engineering study of Knox Street to be paid out of Dragon Tax Increment Financing (TIF) funds?

SELECT BOARD RECOMMENDS _____/BUDGET COMMITTEE RECOMMENDS 5-0

BUSINESS ARTICLES

ARTICLE 22: Shall the Town vote to authorize the Select Board to enter into multi-year contracts (not to exceed five (5) years) for the lease or purchase of goods and services, when they deem it in the best financial interest of the Town?

SELECT BOARD RECOMMENDS _____

ARTICLE 23: Shall the Town vote to authorize the Select Board TO MOVE UP TO 10% OF UNEXPENDED BALANCES from various budget categories as they deem advisable to meet unanticipated expenses, emergencies, and to aid in the smooth transition of Town business?

SELECT BOARD RECOMMENDS _____

ARTICLE 24: To see if the Town will vote to authorize the Select Board to apply for and/or to accept, and expend, on behalf of the Town, money from Federal, State, other governmental agencies, or from private sources which may be received in the form of grants, donations, or revenues during the period of July 1, 2022 to June 30, 2023.

SELECT BOARD RECOMMENDS _____

ARTICLE 25: Shall the Town vote to authorize the Select Board to dispose of tax acquired property in any manner which the Select Board deems in the best interest of the Town of Thomaston, except

SELECT BOARD RECOMMENDS _____/PLANNING BOARD RECOMMENDS 4-0

ARTICLE 31: Shall Chapter 7, Thomaston Land Use and Development Ordinance be amended to change Lot 007, Map 203, currently in SC to R2?

SELECT BOARD RECOMMENDS _____/PLANNING BOARD RECOMMENDS 4-0

EXPLANATION: Lot 007 does not have frontage on the St. George River; therefore, should not be in the SC (Shoreland Commercial) zone. In addition, lot 007 abuts and is owned by the same person who owns lot 005 which is in currently the R2 (Residential) zone.

ARTICLE 32: Shall the Town vote to amend the current Interlocal Agreement between the Towns of Owls Head, South Thomaston, and Thomaston establishing the Cooperative Solid Waste Facility?

Amendment to Read:

Part 4.3 Financial Procedures

a) The Joint Board shall prepare a budget, determine costs to be shared and transmit to the member municipalities on or prior to May 1. Thereafter, the budget and cost allocations shall be transmitted to the member municipalities on or prior to March 1 of each year. This shall be the assessment for debt service and operating expenses for each member municipality.

(b) The Fiscal Year shall be from July 1 to June 30 each year effective July 1, 2022

(c) Is unchanged

SELECT BOARD RECOMMENDS _____/BUDGET COMMITTEE RECOMMENDS 5-0

ARTICLE 33: Shall amendments to the Recreation Committee Ordinance be enacted?

SELECT BOARD RECOMMENDS _____/RECREATION COMMITTEE RECOMMENDS

ARTICLE 34: Shall amendments to the Municipal Write-In Candidates Ordinance be enacted?

SELECT BOARD RECOMMENDS _____

ARTICLE 35: Shall amendments to the Fire Department Ordinance be enacted?

SELECT BOARD RECOMMENDS _____

ARTICLE 36: Shall amendments to the Library Board of Trustees Ordinance be enacted?

SELECT BOARD RECOMMENDS _____

that the Select Board shall use the special sale process required by 36 M.R.S. § 943-C for qualifying homestead property if they choose to sell it to anyone other than the former owners.

SELECT BOARD RECOMMENDS _____

ARTICLE 26: Shall the Town vote to permit acceptance of PREPAID TAXES and to fix the dates of December 1, 2022 for the first payment and June 1, 2023 for the second payment, when the taxes shall become due and payable; and, to see if the Town will fix the rate of interest at 4% percent to be charged on taxes unpaid after said dates for the period July 1, 2022 through June 30, 2023.

SELECT BOARD RECOMMENDS _____

ARTICLE 27: Shall the Town vote to set the interest rate of 0% to be paid by the Town on abated taxes pursuant to 36 M.R.S.A. Section 506-A.

SELECT BOARD RECOMMENDS _____

EXPLANATION: If taxes are paid but later abated, the municipality must refund the abated taxes and pay interest on them. Title 36 M.R.S.A. § 506-A provides that the rate of interest set by the municipality to be paid on overpayments may not exceed the rate set for delinquent taxes, nor be less than that rate reduced by 4%. For instance, if the unpaid rate is 8%, then the Town Meeting may set a rate not higher than 8% and not lower than 4%; it may pick either of those numbers or any number in between. The statute governing the delinquency interest rate is 36 M.R.S.A. § 505(4). Pursuant to Title 36 M.R.S.A. Section 506-A "Overpayment of Taxes," when a tax collector has demanded and received from a taxpayer more than is due and more than appears to be due according to the lists, the excess must be refunded to the taxpayer, even though the amount has been paid into the Town Treasury.

ORDINANCE ARTICLES

***NOTE: A copy of all ordinance amendments are available for review and inspection at the Town Clerk's Office and on the Town's website at www.thomastonmaine.gov**

ARTICLE 28: Shall Chapter 7 Land Use Ordinance- Sections 707, 708, 709 ,710, 711, 712A, Section 718 and Section 719 be amended?

SELECT BOARD RECOMMENDS _____/PLANNING BOARD RECOMMENDS 4-0

ARTICLE 29: Shall Chapter 10 Definitions Section 1003 Specific Definitions be amended?

SELECT BOARD RECOMMENDS _____/PLANNING BOARD RECOMMENDS 4-0

ARTICLE 30: Shall Chapter 7, Thomaston Land Use and Development Ordinance be amended to change Lot 033, Map 403 Currently in R1 zone to R3?

Given under our hands this ____ day of _____ in the year of Our Lord Two Thousand Twenty- Two by the vote of the Select Board.

THOMASTON SELECT BOARD:

Diane Glese, Chair _____

Peter Lammert, Vice-Chair _____

Zel Bowman-Laberge _____

William Hahn _____

Sandra Moore _____

A true copy of the signed warrant as certified to me by the Thomaston Select Board.

Melissa Stevens, Thomaston Town Clerk

Date

RETURN ON THE TOWN MEETING WARRANT

Thomaston, Maine

Date: _____, 2022

Pursuant to the within warrant to me directed, I have notified and warned the inhabitants of said town, qualified as herein expressed, to meet at said time and place, and for the purposes therein named, by posting an attested copy of said warrant at the Thomaston Town Office at 13 Valley Street, Pik Qwik Store at 138 Main Street, and Thomaston Grocery at 193 Main Street in said town, being public and conspicuous places in said town, on the ____ day of _____ 2022 A.D., being at least seven days before the meeting.

Timothy Hoppe
Constable of the Town of Thomaston, Maine

**MUNICIPAL OFFICERS' NOTICE OF PUBLIC HEARING & PUBLIC INFORMATION NIGHT
ON SECRET BALLOT TOWN MEETING ARTICLES & ANNUAL TOWN MEETING ARTICLES**

TO: Timothy Hoppe, a Constable of the Town of Thomaston in the County of Knox and State of Maine.

Notice is hereby given that the Select Board of the Town of Thomaston will hold a Public Hearing & Public Information Night on **Wednesday, May 25, 2022 at 6:00 p.m.** in person, at the Thomaston Municipal Building on Articles 3 & 4 for the Secret Ballot Election & Articles 5 & 6 for the June 15th Annual Town Meeting.

Comments may also be submitted in writing to the Town Clerk by noon on May 25, 2022 via:

Email: mstevens@thomastonmaine.gov

Mail: Town Clerk, Thomaston Town Office, 13 Valley Street, Thomaston, ME 04861

Drop off: Thomaston Town Office, 13 Valley Street, Thomaston

PUBLIC INFORMATION SESSION

John Fancy, Thomaston Pollution Control Superintendent and Maine Working Homes, LLC will be present to discuss Articles 5 & 6.

ARTICLE 5: To see if the Town will vote to authorize the Select Board to enter into an agreement on such terms and conditions as the Select Board deems appropriate to swap land owned by the Town that contains approximately 7 acres adjacent to the George C. Hall & Sons Inc. quarry to George C. Hall & Sons and in return, the Town of Thomaston is to receive approximately 30 acres of land owned by George C. Hall & Sons Inc. adjacent to currently owned Town land.

EXPLANATION: George C. Hall & Sons would like to expand their quarry into land owned by the Town and are offering to swap most of lot 033 in exchange for the Town property. The Town intends to offer the south portion of this parcel to a developer who will construct affordable housing on it. George C. Hall & Sons will construct a fence between the quarry and the Town's property as a safety measure.

ARTICLE 6: To see if the Town will vote to authorize the Select Board to sell lots of land within the parcel of land received by the Town from George C. Hall and Sons, Inc. as shown on the map on file with the town clerk available for public inspection to developers of affordable/workforce housing projects on such terms and conditions as the Select Board deem appropriate.

PUBLIC HEARING

ARTICLE 3: Shall the Town of Thomaston vote to allow the Town to determine the future use of the 15.6-acre parcel of land known as the Thomaston Green and to prevent this land from being permanently restricted to a public park?

ARTICLE 4: **CITIZENS INITIATIVE** "Shall the Town vote to permanently dedicate the 15.6-acre parcel known as the "Thomaston Green" for use as a public park for recreational and community events and related infrastructure, said parcel being more precisely identified as "Parcel One" in a Quitclaim Deed recorded in the Knox County Registry of Deeds at Book 3547, Page 48?"

Given under our hands this 25th day of April in the year of Our Lord Two Thousand Twenty-Two by the vote of the Select Board.

THOMASTON SELECT BOARD:

Diane Giese, Chair

Peter Lammert, Vice-Chair

Sandra Moore

William Hahn

Zel Bowman-Laberge

A true copy of the signed Public Hearing and Public Information Notice on Secret Ballot Town Meeting Articles and Annual Town Meeting Articles as certified to me by the Thomaston Select Board.

Melissa Stevens, Thomaston Town Clerk

Date

**RETURN ON THE PUBLIC HEARING NOTICE & PUBLIC INFORMATION NIGHT ON SECRET
BALLOT TOWN MEETING ARTICLES & ANNUAL TOWN MEETING ARTICLES**

Wednesday, May 25, 2022 at 6:00 p.m.

Thomaston, Maine

Pursuant to 30-A M.R.S. § 2528(5), we have this day, being at least seven days before the hearing, notified the inhabitants of Thomaston of a Public Hearing & Public Information night, to be held at the Thomaston Municipal Building, 13 Valley Street at 6:00 p.m., and for the purposes stated above, by posting a copy of said notice at the Thomaston Town Office at 13 Valley Street, Pik Quik Store at 138 Main Street, and Thomaston Grocery at 193 Main Street in said town, being public and conspicuous places in said town, on _____ day _____ 20_____.

Timothy Hoppe
Constable of the Town of Thomaston, Maine

INDEPENDENT CONTRACTOR AGREEMENT

This Independent Contractor Agreement (this "Agreement") is made effective as of April 14, 2022 by and between the Town of Thomaston (the "Recipient"), of 13 Valley Street, Thomaston, Maine 04861 and HR Maine Consulting (the "Contractor"), of 40 Forest Falls Drive, Yarmouth, Maine. In this Agreement, the party who is contracting to receive the services shall be referred to as "Recipient", and the party who will be providing the services shall be referred to as "Contractor."

1. DESCRIPTION OF SERVICES. Beginning on April 14, 2022, the Contractor will provide the following services (collectively, the "Services"):

Human Resources Professional Services

Furthermore, the Contractor has the right of control over how the Contractor will perform the services. The Recipient does not have this right of control over how the Contractor will perform the services.

2. PAYMENT FOR SERVICES. The Recipient will pay compensation to the Contractor for the Services. Payments will be made as follows:

\$90.00 per hour plus mileage reimbursement at current IRS rates, if applicable

No other fees and/or expenses will be paid to the Contractor, unless such fees and/or expenses have been approved in advance by the appropriate executive on behalf of the Recipient in writing. The Contractor shall be solely responsible for any and all taxes, Social Security contributions or payments, disability insurance, unemployment taxes, and other payroll type taxes applicable to such compensation.

3. TERM/TERMINATION. Termination of this agreement will occur as follows:

This Agreement will terminate upon final services rendered.

Furthermore, the Contractor has the ability to terminate this Agreement "at will."

A regular, ongoing relationship of indefinite term is not contemplated. The Recipient has no right to assign services to the Contractor other than as specifically contemplated by this Agreement. However, the parties may mutually agree that the Contractor shall perform other services for the Recipient, pursuant to the terms of this Agreement.

4. RELATIONSHIP OF PARTIES. It is understood by the parties that the Contractor is an independent contractor with respect to the Recipient, and not an employee of the Recipient. The Recipient will not provide fringe benefits, including health insurance benefits, paid vacation, or any other employee benefit, for the benefit of the Contractor.

It is contemplated that the relationship between the Contractor and the Recipient shall be a non-exclusive one. The Contractor also performs services for other organizations and/or individuals. The Recipient has no right to further inquire into the Contractor's other activities.

5. RECIPIENT'S CONTROL. The Recipient has no right or power to control or otherwise interfere with the Contractor's mode of effecting performance under this Agreement. The Recipient's only concern is the result of the Contractor's work, and not the means of accomplishing it. Except in extraordinary circumstances and when necessary, the Contractor shall perform the Services without direct supervision by the Recipient.

6. PROFESSIONAL CAPACITY. The Contractor is a professional who uses its own professional and business methods to perform services. The Contractor has not and will not receive training from the Recipient regarding how to perform the Services.

7. PERSONAL SERVICES NOT REQUIRED. The Contractor is not required to render the Services personally and may employ others to perform the Services on behalf of the Recipient without the Recipient's knowledge or consent. If the Contractor has assistants, it is the Contractor's responsibility to hire them and to provide materials for them.

8. NO LOCATION ON PREMISES. The Contractor has no desk or other equipment either located at or furnished by the Recipient. Except to the extent that the Contractor works in a territory as defined by the Recipient, its services are not integrated into the mainstream of the Recipient's business.

9. NO SET WORK HOURS. The Contractor has no set hours of work. There is no requirement that the Contractor work full time or otherwise account for work hours.

10. EXPENSES. The Recipient will reimburse the Contractor for mileage according to the current IRS rate.

11. CONFIDENTIALITY. Contractor may have had access to proprietary, private and/or otherwise confidential information ("Confidential Information") of the Recipient. Confidential Information shall mean all non-public information which constitutes, relates or refers to the operation of the business of the Recipient, including without limitation, all financial, investment, operational, personnel, sales, marketing, managerial and statistical information of the Recipient, and any and all trade secrets, customer lists, or pricing information of the Recipient. The nature of the information and the manner of disclosure are such that a reasonable person would understand it to be confidential. The Contractor will not at any time or in any manner, either directly or indirectly, use for the personal benefit of the Contractor, or divulge, disclose, or communicate in any manner any Confidential Information. The Contractor will protect such information and treat the Confidential Information as strictly confidential. This provision shall continue to be effective after the termination of this Agreement. Upon termination of this Agreement, the Contractor will return to the Recipient all Confidential Information, whether physical or electronic, and other items that were used, created, or controlled by the Contractor during the term of this Agreement.

12. INDEMNIFICATION. The Contractor agrees to indemnify and hold harmless the Recipient from all claims, losses, expenses, fees including attorney fees, costs, and judgments that may be asserted against the Recipient that result from the acts or omissions of the Contractor, the Contractor's employees, if any, and the Contractor's agents.

13. NO RIGHT TO ACT AS AGENT. An "employer-employee" or "principal-agent" relationship is not created merely because (1) the Recipient has or retains the right to supervise or inspect the work as it progresses in order to ensure compliance with the terms of the contract or (2) the Recipient has or retains the right to stop work done improperly. The Contractor has no right to

act as an agent for the Recipient and has an obligation to notify any involved parties that it is not an agent of the Recipient.

14. ENTIRE AGREEMENT. This Agreement constitutes the entire contract between the parties. All terms and conditions contained in any other writings previously executed by the parties regarding the matters contemplated herein shall be deemed to be merged herein and superseded hereby. No modification of this Agreement shall be deemed effective unless in writing and signed by the parties hereto.

15. WAIVER OF BREACH. The waiver by the Recipient of a breach of any provision of this Agreement by Contractor shall not operate or be construed as a waiver of any subsequent breach by Contractor.

16. SEVERABILITY. If any provision of this Agreement shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court finds that any provision of this Agreement is invalid or unenforceable, but that by limiting such provision it would become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.

17. APPLICABLE LAW. This Agreement shall be governed by the laws of the State of Maine.

18. SIGNATORIES. This Agreement shall be signed by Town Manager Kara George on behalf of the Town of Thomaston, Maine and by Betsy L. Oulton, President on behalf of HR Maine Consulting. This Agreement is effective as of the date first above written.

I understand & agree this is a legal representation of my signature.

Recipient:
Town of Thomaston

By: _____ Date: _____

Kara George
Town Manager

Contractor:
HR Maine Consulting

By: *Betsy L. Oulton* Date: April 14, 2022

Betsy L. Oulton, AIC, SHRM-CP, ICMA-SCP
President

The Public Works Director is seeking approval to purchase a Heavy Duty 40 yard Roll Off Demolition Container from Maine Equipment Company Inc. out of Hermon for \$8,425.00 shipping costs estimated to equal \$800.00. With the Town Managers approval the money will be taken out of the Stump Dump assigned fund with a current balance of \$9,255.00.

Maine Equipment Company Inc.

2011 Hammond Street

Hermon, ME 04401

Phone: 207-848-5738 800-244-5738

FAX: 207-848-7448

Town of Thomaston
Public Works Dept
Thomaston, ME 04861
Attn: Brandon Allen

April 8, 2022

Quotation for one 40 yard & one 50 yard open top roll-off container

Wastequip model R40OT22SSNY rectangular design open top container

40 cubic yard capacity - standard steel specifications

2"x 6"x 3/16" structural tubing long rails

Solid bull nose front of rail

4" x 6" nose rollers- with grease fitting

3" structural channel crossmembers on 18" centers

Gussets every other crossmember

7 gauge steel floor

12 gauge steel sides - 84" inside height

Box bracing on sides and rear door

Cam lock tailgate latch

Painted one color

F.O.B. New Lebanon, NY \$ 7,225.00

50 yard 24' open top container - standard specs

Specs as above except 91" inside height \$ 10,000.00

Options:

40 yard open top roll-off container with heavy duty specifications: \$ 8,425.00

1/4" floor and long rails

Crossmembers on 16" centers

10 gauge steel sides

3/16" top tube, door frame, and door inserts

50 yard open top container - HD specs

\$ 11,100.00

Estimated freight to Hermon, ME - one load \$ 1,600.00

Note: Freight is variable - we will combine orders and apportion costs accordingly in order to minimize freight cost per container.

Availability: 8 - 10 weeks from receipt of order
Lee Sumner

Prices good until 4/21/2022



New Applicant

Boards & Committees Application Town of Thomaston, Maine

13 Valley Street Thomaston, ME 04861
Phone (207) 354-6107 Fax (207) 354-2132

Date:

4/8/22

Name:

Christopher Rector

Street Address:

30 Knox St.

Mailing Address (if different):

Home Phone Number:

207-653-8368

Cellular Phone Number:

E-mail Address:

CWRECTOR51@GMAIL.COM

Preferred Method of Contact:

No preference

Committee you wish to serve on:

Economic Development

How long have you been a resident of Thomaston?

37

Please explain why you are interested in serving on a Board or Committee?

Have worked in that field for
over 20 years.

Do you have any background that would be helpful to this Board or Committee?

yes -

Any suggestions or comments:

Please return this form to: Town of Thomaston
 13 Valley Street
 Thomaston, Maine 04861

For Official Use Only

Date Application Received: 4-8-22

Appointment Term: NO Term

Resignation Date: —

Member being replaced:

Jane Weintraub / resigned 2/23/22

Town Manager Review: _____

(Initials)

Town Clerk Review: _____

(Initials)



TOWN OF THOMASTON
13 VALLEY STREET
THOMASTON, MAINE 04861-0299
TEL: (207) 354-6107

Election Work Form

I am not interested in working elections.

I would like to be on the Thomaston Election List (*continue below*)

DATE: April 12, 2022

NAME: Patricia J. Smith

Mailing Address: 11 Cross Street Thomaston

Physical Address: Same

Phone Number: 207-975-0145

Party Affiliation: Republican

Once completed, please mail back in the self-addressed envelope.

The Georges River Shellfish Committee
would like to address the select board
about dog waste at Mill River Park and other areas.
Also would like to mention Byron Brook
that has human waste.

Dog Waste in the Watershed—

The Georges River Shellfish Committee would like to inform you of our ongoing conservation efforts to protect the health of the St. George River to promote and prolong the shellfish in our river and our swimmers. We have *one* major request of the people who live along the river and inland, and that is to remove your dog waste in an environmentally safe way. When dog waste is left on the ground, it becomes a pollutant, and a human health hazard, washing into the waterways, rivers, streams, creeks and other local waterways. The Shellfish Committee does regular DNA testing to pinpoint pollution sites. Almost every site tested resulted in dog waste being the number two pollutant in the St. George River.

Dog waste is an environmental pollutant. In 1991 it was labeled a non-point source pollutant by the EPA, placing it in the same category as herbicides, insecticides, oil, grease and toxic chemicals.

Beyond your grass, it has been estimated that a single gram of dog waste can contain 23 million fecal chloroform bacteria which can cause cramps, diarrhea, intestinal illnesses and serious kidney disorders in humans and animals. In addition, dog waste is the common carrier of whipworms, hookworms, roundworms, tapeworms, parvo, salmonella and campylobacter. The EPA estimates that two or three days' worth of droppings from about 100 dogs would contribute enough bacteria to temporarily close a bay and all water sheds within 20 miles of it for swimming and shellfish harvesting.

Some algae blooms are the result of an excess of nutrients, particularly phosphorus and nitrogen. These higher concentrations of these nutrients in water causes increased algae and green plants. With more nitrogen available, the bacteria increases in number and uses up the dissolved oxygen. Nitrogen and phosphorus are in fertilizer and dog waste.

Everywhere the Georges River Shellfish Committee has done water testing in the river has come back as having a significant amount of dog waste. So please dispose of your dog waste in a reasonable manner by putting the waste in a bag, sealing it and putting it in a garbage/disposal can. None of us wants our guests, grandchildren or children to get sick from our river when enjoying our local Maine waters.

Georges River Shellfish Committee

Sample#	Date	FC/100mL	vol. filtered	PCR Markers								qPCR Markers		
				Mammal	Human	Dog	ruminant	Cow	Bird	Gull	Horse	Mammal	Human	Bird
Thatcher	12/3/2020		300?	+	+	+	-	+	+	-	-	2870368.10	<166.67	<166.67
Gleason	12/3/2020		300?	+	+	+	-	-	+	-	-	1329438.10	3234.07	<166.67
Fluker	12/3/2020		300?	+	-	+	-	-	+	+	-	4536596.70	-	<166.67

*< indicates there was signal from qPCR, but levels too low to quantify

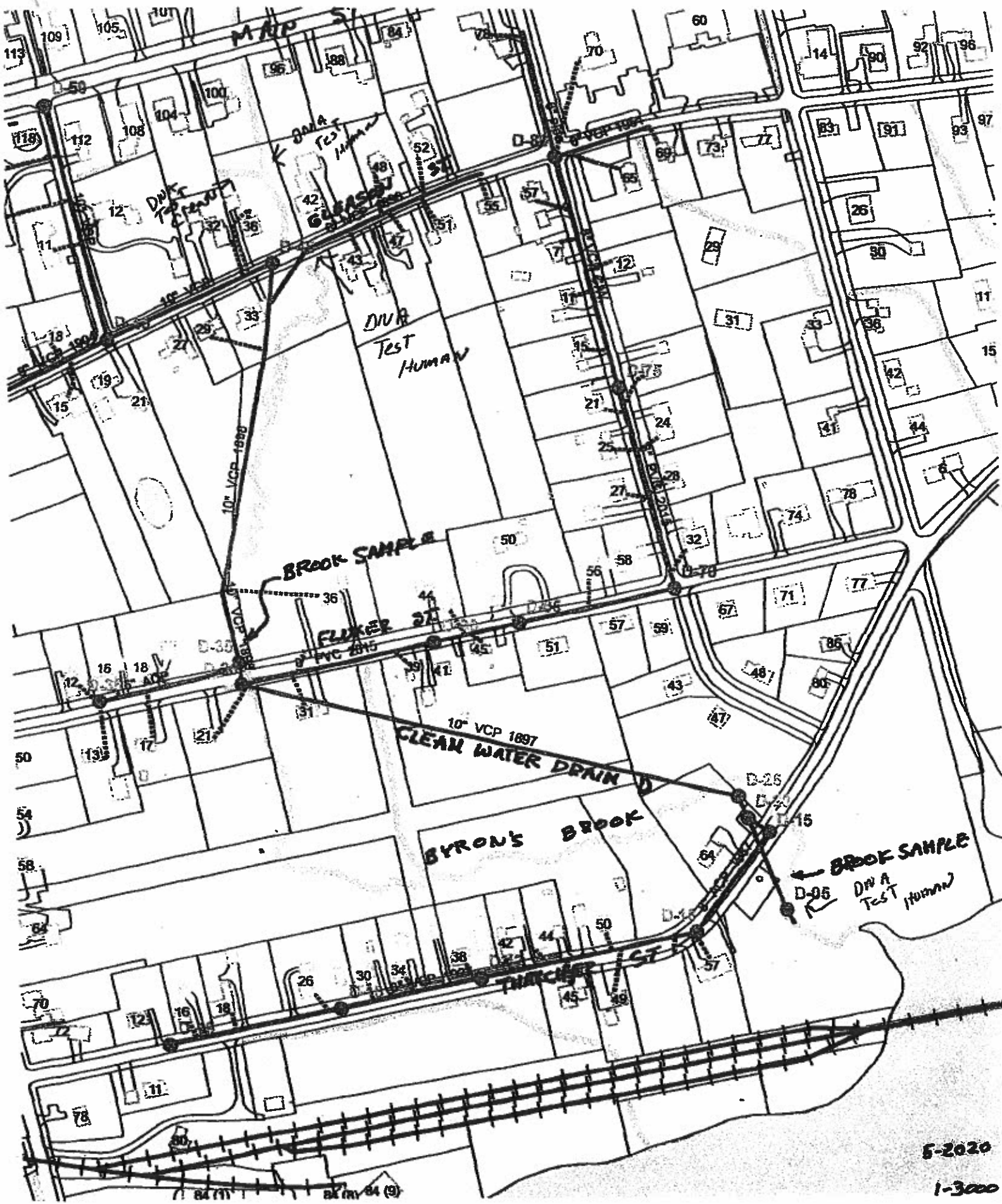
*- indicates no signal

Sample	Date	FC/100ml	Share d	Human	Human	Dog	Ruminant	Cow	Bird	Gull	Horse	Canada Goose
Tenants Harbor												
Gleason	9/27/2021		300	+	+	+	-	-	+	-	+	-
G	9/27/2021		300	+	-	+	+	+	+	-	-	+
GA	9/27/2021		300	+	-	+	+	+	+	-	-	+
Fuker	9/27/2021		300	+	+	-	+	+	+	-	-	+
Thatcher	9/27/2021		300	+	+	+	+	+	+	-	+	-
Main	9/27/2021		300	+	+	+	-	-	+	-	+	-

		qPCR Matters		
Sample	Date	Marine	Human	Bird

Gleason	9/27/2021	5,831,386	5,053	214
G	9/27/2021	8,538,085	-	<167
GA	9/27/2021	6,466,296	-	<167
Fuker	9/27/2021	5,284,797	459	2,428
Thatcher	9/27/2021	26,260,828	320	1,088
Main	9/27/2021	12,955,448	6,086	240

- Four winds - G
 - Four winds - GA



5-2020
1-3000

Memo

To: Selectboard & Town Manager
From: John Fancy
Date: April 20, 2022
Re: Solar Panels on TPCD Garage

As shown below the solar array project cost less than the funds borrowed for it, however, these funds can only be used for solar related expenses. The solar array was designed to only produce 85 to 90% of the power used by the 28 accounts the Town has with CMP. In the FY 21/22 Pollution Control budget \$56,000 was budgeted to replace the roof on the garage building and install solar panels. The roof replacement is completed. Requests for proposals (RFPs) were sent to 8 Maine solar installers (copy attached) and three proposals were received (copies attached).

In the RFP note the "selection process" on the last page. To follow this, I have made an analysis of the proposals (see attached sheet) to determine the best value for the Town based on the cost per watt of power we would buy. At \$3.09 per watt I recommend that Maine Solar Solutions, located in Durham, be awarded the work at \$55,685 with \$52,579.51 coming from the Solar Array Project funds and \$3,105.49 from Pollution Control.

The final breakdown of the \$1.2M borrowed for the Solar Array:

The Solar Array:

Planning and Design	\$68,451.72
Site & Land Work	\$85,529.38
Legal & Financing	\$63,072.39
Construction & Connecting	\$920,192.00
Total Array	\$1,137,245.49
Garage Roof Solar Panels	\$52,579.51
Reimburse extra electric bills	\$10,175.00
Total Project	\$1,200,000.00

Analysis of Proposals for Solar Panels on TPCD Garage Roof

April 2022

<u>Vendor</u>	<u>Number of Panels</u>	<u>Panel Wattage</u>	<u>Total Watts</u>	<u>Project Price</u>	<u>Price per Watt</u>	<u>Annual kWh</u>
M.S.S. ¹	45	400	18,000	\$55,685.00	\$3.09	22,739
Pine Tree	33	490	16,170	\$52,552.50	\$3.25	21,096
Solarlogix	51	360	18,360	\$64,000.00	\$3.48	22,032

----- Warranties -----

<u>Vendor</u>	<u>Installation Date</u>	<u>Lost kWh</u>	<u>kWh Value²</u>	<u>Workmanship (years)</u>	<u>Panels (years)</u>	<u>Inverters (years)</u>
M.S.S.	October	3,594	\$492.38	5	25	12
Pine Tree	August	0	\$0.00	Not given	Not given	Not given
Solarlogix	August	0	\$0.00	1	25	12 ³

1. Maine Solar Solutions
2. Based on 13.7 cents per kWh that was the average for PCD Control Building for 2021.
3. Can extend to 25 years at extra cost

Request for Proposal

The Town of Thomaston, Pollution Control Department (TPCD) is soliciting proposals from a qualified contractor to design, fabricate, deliver, install and maintain for one (1) year a roof mounted solar photovoltaic system that will connect to an existing 78 panel solar array and be utility-interactive.

A site visit is encouraged.

Design Build Guidance Criteria

Project Identification

1.1 Project: Garage Roof Mounted and Grid Tied PV System for Thomaston Pollution Control.

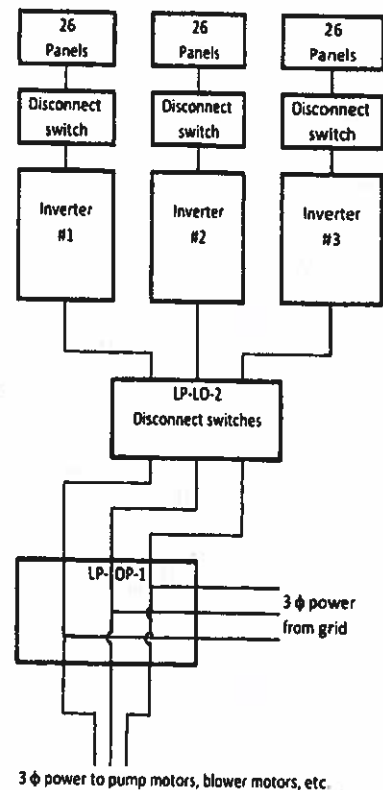
1.2 Location: Thomaston Pollution Control Department, 33 Clark Street, Thomaston, ME 04861. Contact: John Fancy, office phone 207-354-2136, Cell: 207-691-3566, email jfancy@thomastonmaine.gov.

1.3 Schedule: Construction is planned for summer 2022 or sooner if mutually agreed to by both parties.

1.4 Proposals: Written proposals are due by 2:00 pm April 20, 2022. Submit to John Fancy at address shown above in section 1.2.

Background

2.1 Existing System: In 2010 a 78 panel solar system was installed on the roof of the TPCD Control Building. This system is on the south side of the roof of the Control Building and has 78 Solon Blue 220/01 panels [220 watts per panel] manufactured by Solon Solar. These are wired into three groups of 26 panels each. The three wires run to the Electric Utility/Blower Room and each wire connects through a disconnect switch to a SMA Sunny Boy 8000-watt inverter. The inverter converts DC power generated by the solar array to AC power that can be used by the electric motors and other electric equipment. Each inverter is then connected to Electric Panel LP-OP-2. This panel contains a breaker for each inverter that can be shut off to disconnect the solar system from the grid. Each of the three wires then runs to Electric Panel LP-OP-1 where one wire is connected to each of the three legs of the 3 phase power coming from the grid (See schematic drawing on right). System provided and installed by ReVision Energy.



This system is an 18 kilowatt (kW) grid-tied solar electric system designed to generate approximately 22,900 kilowatt hours (kWh) of electricity annually, and provides about 16% of the power used in the Control Building. Because the blowers run 24/7 almost no power is fed to the grid.

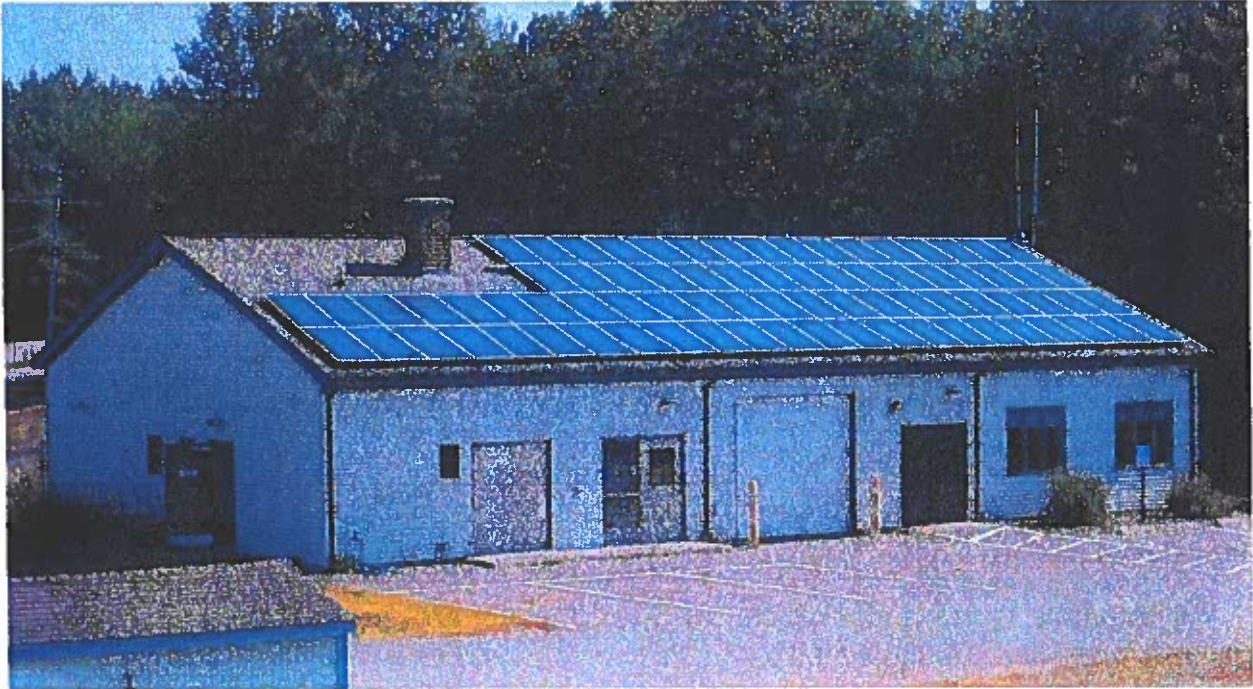


Figure 1: Existing 78 solar panels on the roof of TPCD Control Building

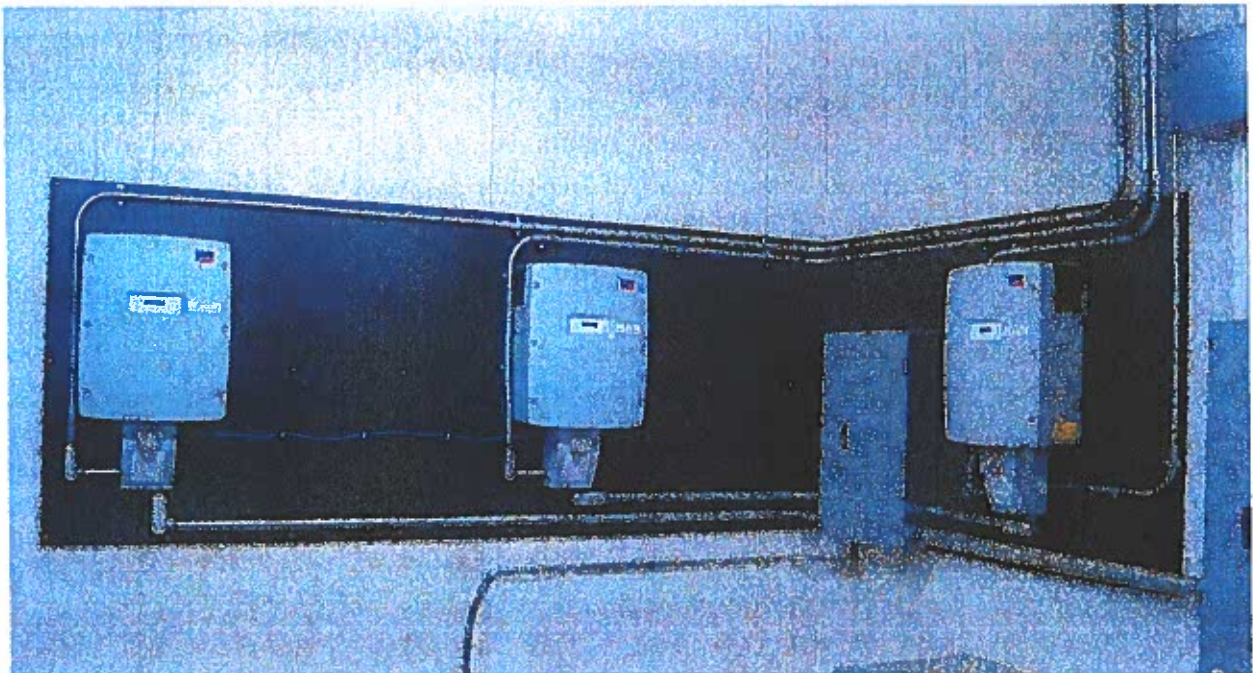


Figure 2: Existing inverters in the TPCD Blower Room.

Proposed System

3.1 Proposed Additional Solar Panels and System Changes: The contractor shall provide a complete “turnkey” project including all necessary equipment, materials, design, manufacturing and installation services for the installation of a roof mounted solar array on the building shown in Figure #3. This system will connect to the existing solar system on the roof of the Control Building and be interactive with the existing electric utility service. The system shall be an interactive photovoltaic system that shall produce a minimum of 17 kW with a minimum of 51 solar panels (number must be a multiple of 3). The contractor should prepare a system summary for applicable equipment/size, predicted system energy production.



Figure 3: South side of 30x60 TPCD garage building

The long-term plan (not a part of this project) is to replace the existing panels on the roof of the Control Building (background building in Figure #4) which are currently 220 watts with panels to match the proposed garage roof panels, between 350 and 400 watts, so the existing inverters shall be replaced with units large enough to handle the planned future load from both the upgraded panels on the Control Building and the proposed panels on the Garage Building.

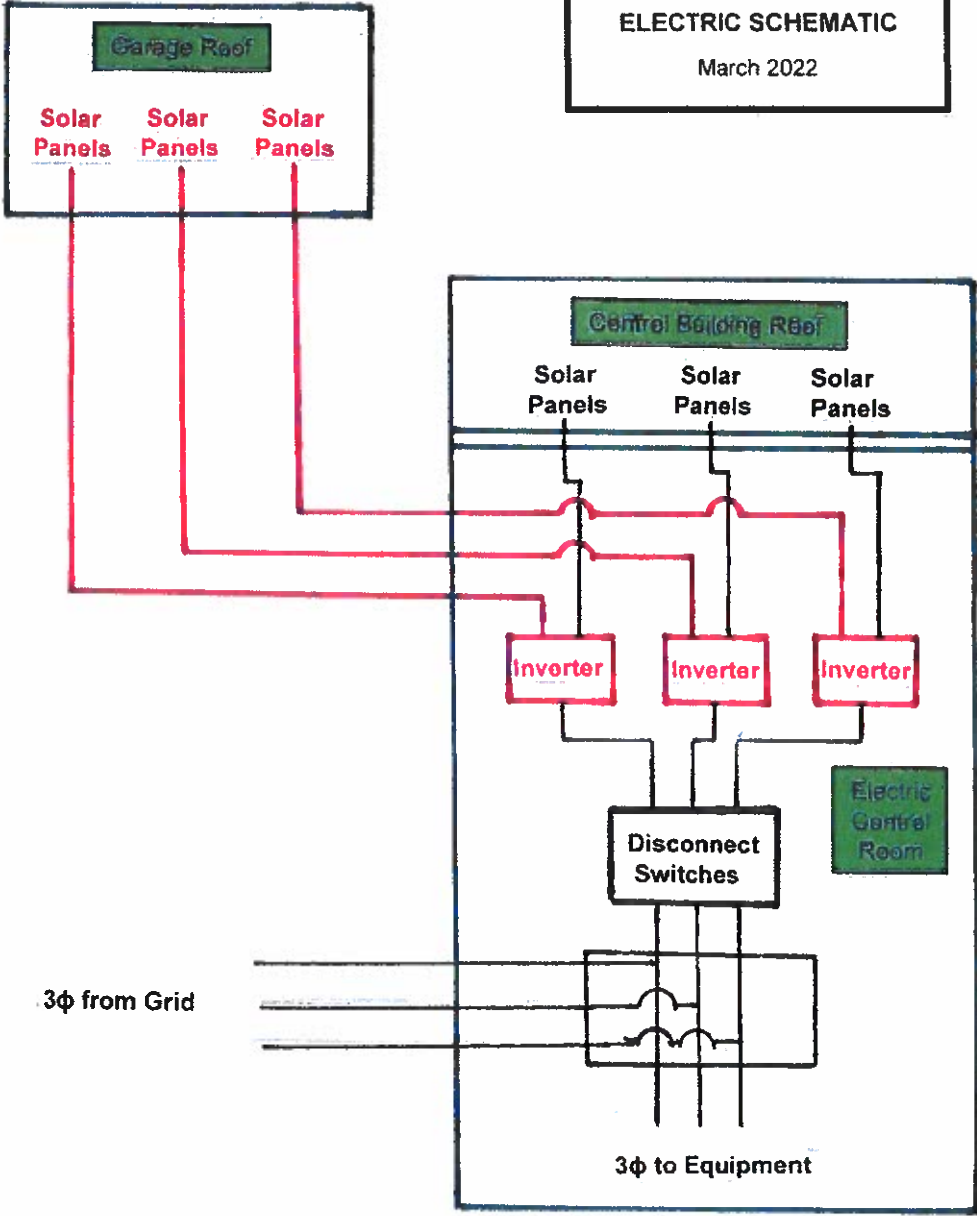
The garage panels shall be connected to the inverters in the Control Building through an ungrounded conduit running from the southwest corner of the garage (closest corner in Figure #3) to the front of the Control Building. This conduit will be installed and paid for by TPCD and its cost should not be included in this proposal, however, the wiring from the Garage solar system to the inverters in the Control Building will be the contractor’s responsibility to provide and install.

An electrical schematic showing both the existing and the proposed (in red) is on the next page.



Figure 4: Control Building (background) & Garage Building

Thomaston Pollution Control
Garage Solar Panel Project
ELECTRIC SCHEMATIC
March 2022



3.2 Performance Criteria The following performance criteria shall be met:

- Proposal shall provide estimated energy delivery for the array, for each month of the year and total for the year.
- PV array shall mean one or more PV modules having the same orientation.
- All PV hardware components shall be either stainless steel or aluminum. PV structural components shall be corrosion resistant (galvanized steel, stainless steel, composites or aluminum).
- The project, including supports and power conductors, shall not interfere with existing electrical and mechanical equipment.

3.3 Code Compliance The installation and equipment shall comply with applicable building, mechanical, fire, seismic, structural and electrical codes. Only products that are listed, tested, identified or labeled by UL, FM, ETL or other Nationally Recognized Testing Laboratory shall be used as components in the project. Non-listed products are only permitted for use in this project when a comparable useable listed component does not exist.

The contractor shall use project components that are or made of materials that are recyclable, contain recycled materials and that are EPA or Energy Star rated if they are available on the market.

Other technical codes that shall apply include:

- ASME PTC 50 (solar PV performance)
- ANSI Z21.83 (solar PV performance and safety)
- NFPA 853 (solar PV systems near buildings)
- IEEE 1547 (interconnections)
- ASCE/ SEI-7 – ASCE – Minimum design loads for buildings.
- NRCA – National Roofing Contractors Association

Submissions

4.1 Concept Information The proposal shall include major equipment information, proposed installation/interconnection information and performance characteristics of the system. At a minimum the performance characteristics shall include total system output, estimated kWh/month (shown over a 12-month period) and warranties and guarantees.

4.2 Cost & Schedule The submission shall include the total bid price of project including assistance in operation and maintenance for the first year as well as an estimate of the project timeline and schedule.

Approvals

5.1 Approvals The awarded contractor will secure from governing agencies and Central Maine Power Company (CMP) all required rights, permits, approvals (except for approvals from the Thomaston Planning Board that will be the responsibility of TPCD) and adjustments to existing

interconnection agreements and Net Energy Billing Agreement as needed at no additional cost to TPCD. NOTE: TPCD has a Net Energy Billing Agreement, dated September 17, 2010, currently in place with CMP for this solar system.

5.2 CMP Coordination The contractor shall coordinate with CMP to ensure that the project satisfies all CMP criteria for interconnection of the project to the CMP electric distribution system. This includes coordinating all negotiations, meeting with CMP, design reviews and participating in any needed interaction between CMP and TPCD.

5.3 Certificate of Completion The contractor will complete and submit the Certificate of Completion (COC) when the project is complete, if needed. The contractor shall manage the startup of the project in coordination with TPCD.

Equipment Provided

6.1 Photovoltaic Modules PV modules shall be a commercial off-the-shelf product, shall be UL listed and shall be properly installed according to manufacturer's instructions, NEC, and as specified herein. System wiring shall be installed in accordance with the provisions of the NEC. Provide a panel manufacturer's warranty that no module will generate less than 90% of its specified minimum power when purchased.

6.2 Inverter and controls Inverters shall be a commercial off-the-shelf product, listed to UL 1741 and IEEE 1547. Each inverter and associated controls shall be properly installed according to manufacturer's instructions. Warning labels shall be posted on control panels and junction boxes indicating that the circuits are energized by an alternate power source independent of utility provided power. Provide detailed lock out/tag out instructions for all equipment. A manufacturer's warranty, minimum 10-years, shall be provided. All inverters shall have at a minimum:

- UL/ETL listing
- Peak efficiency of 96% or higher
- Operational indicators of performance and have built-in data acquisition and remote monitoring
- Capable of parallel operation with the existing AC power and automatically synchronize its output waveform with that of the utility upon restoration of utility power.

6.3 PV Monitoring the PV system installed shall provide for monitoring by TPCD and shall display graphically in a user-friendly manner the following parameters:

- AC power
- Solar irradiance
- Show status of all equipment
- Provide electrical one line showing operation and performance of all equipment

Data shall be available both in real time and in archived in 15-minute averages. All monitoring hardware and monitoring equipment shall be provided by the contractor.

Inspections and Tests

7.1 Witness All inspections and tests, to verify documented contact assumptions, to establish work accomplished, or to certify performance attainment shall be witnessed by TPCD.

7.2 Documentation The contractor shall provide to TPCD copies of documents containing all test reports/findings.

7.3 Warranties and Guarantees Submit specific warranties and guarantees, final certifications and similar documents to TPCD upon substantial completion and prior to final payment.

7.4 Maintenance Provide to TPCD any operation and maintenance information supplied by the manufacturers, safety considerations, preventative maintenance requirements, troubleshooting and corrective actions, sources of spare parts and cut sheets for all components.

Contractor Selection

Selection Process

8.1 Selection A contractor for this project will be selected based on the best overall value to the Town using the following:

- Experience of firm in similar projects. Please give several examples.
- Qualifications of staff to be assigned to project.
- Total cost of project, however, the lowest cost may not be selected as all of criteria will be considered.
- Ability of firm to complete project in a timely manner. Please provide a proposed time schedule if job is awarded by April 15th.
- The proposed use of higher watt panels will be given preference over lower wattage.

The Town of Thomaston reserves the right to reject any or all proposals, including nonconforming or conditional proposals and to negotiate with selected firms.



Town of Thomaston, TPCD
33 Clark Street
Thomaston ME 04861
Attn: John Fancy

April 19, 2022

Dear John,

Thank you for the opportunity to present this proposal for a solar electric system per the RFP.

We take a consultative approach when working with our customers: Our goal is to provide you with the information that you need to make an informed decision. We welcome your feedback and questions regarding pricing and specification. We are happy to revise your proposal so that we can present a solution that meets your budget and your renewable energy goals.

Array Location

This proposal is based on an array mounted on the roof of the garage building. This roof is well oriented at 200° SSW and has a 27° roof pitch. This roof can fit up to 45 of the solar panels specified below.

Solar Electric Systems Qualify for Net-Energy Billing or Feed-in Tariff

Commercial solar customer in Maine can participate in one of two available solar policies.

Net Energy Billing: Electricity produced by the solar system in excess of your electrical loads, is credited against electricity you buy from the utility during periods of low production or higher consumption. Any excess kWhs that accumulate at the end of a billing period are credited towards months where utility consumption exceeds solar electric production. Net metering customers are charged only for the "net" power that they use. Excess kwh credits that accumulate at the end of a billing period are credited on a rolling 12-month basis and expire at the end of their 12-month period.

Feed-in Tariff: The entire output of the solar electric system is exported to the grid, metered by the utility and assigned a dollar credit per kwh. The dollar credit can be used to offset any portion your electric bill. This option is advantageous for commercial customers being billed as a medium or large general service utility rate with demand charges. This dollar credit can be applied to multiple accounts. Participation in the FiT requires installation of a dedicated, metered electrical service.



Inverter Technology:

Maine Solar specifies both the SolarEdge DC-optimizer based inverter system and standard string inverter systems for commercial projects. These systems provide excellent performance and good value.

SolarEdge Inverters with SolarEdge DC Optimizers

Each panel has a dedicated DC power optimizer installed behind it on the mounting rail. These optimizers are tied to a central inverter. Optimization allows each panel to produce maximum energy regardless of the performance of adjoining panels. The negative impact of intermittent shading by trees or obstructions does not impact the energy production of unshaded panels.

SolarEdge solution overview



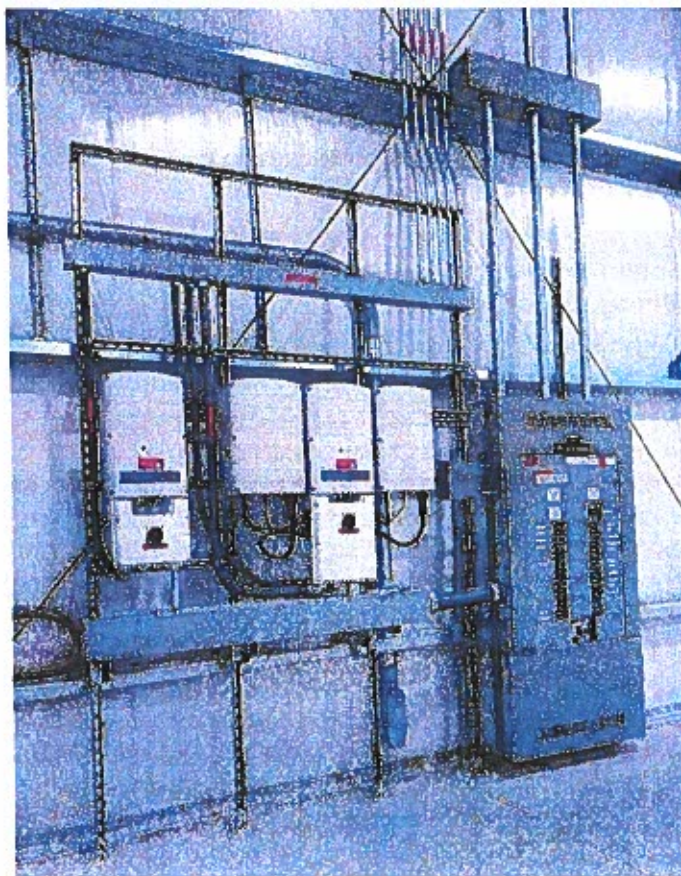
Panel Level Monitoring

SolarEdge offers detailed, web and app based monitoring. The entire array and each panel's status and production is available to view and review via the monitoring platform. Monitoring provides real-time performance information, historical energy production and notification of system status to the installer and homeowner, via an intuitive graphical interface.

Revenue Grade Metering allows for reporting production RECs

A renewable energy credit or "REC" is a marketable unit representing the rights to the environmental attributes of renewable power generation. A REC typically represents the environmental attributes from 1 megawatt hour ("1,000 kWh = 1 MWh") of electricity from a renewable energy and includes the reporting rights of the environmental attributes of that MWh of electricity.

Participation in the sale of RECs requires the installation of the optional revenue grade meter kit to the inverter system.



Featured System Design:

Panel Specifications:

- 400 watt Solaria XT-400R-PM 25 year workmanship, 25 year power output warranty

Inverter Specifications

- SolarEdge 17.3kw 208v 3-phase inverter (12 year warranty)
Includes System Monitoring
- SolarEdge Optimizer, 1 per 2 panels (25 year warranty)

Maine Solar Solutions installation warranty: 5 years

This preliminary proposal includes:

- Installation labor, balance of electrical materials to ensure a safe, code compliant installation
- Aluminum roof mount rack
- Metal roof specific attachment points to ensure a leak proof installation
- Assistance with all required paperwork, utility and permitting
- Stamped 1-line drawing for CMP interconnection application
- CMP interconnection application fee

This proposal assumes that the inverter output can be landed on a new breaker in the existing service panel

Scope of work

Proposal scope of work includes entirety of solar electric system up to the AC interconnection in the existing service panel onsite. Final project scope of work may be extended to include the installation of additional electrical equipment such as switch gear, conduit, sub-panels or new service equipment as required.

Project Timeline

As of the date of this submission, our installation schedule would allow for an installation during the final quarter of the 2022. We have some flexibility in our installation schedule and can accommodate, within reason, an earlier installation date.

This project should take no more than 3 working days from start to completion.

Please note that the first step will be to submit an interconnection application to CMP so as to confirm that CMP will permit the installation of the array at this location. If CMP denies the interconnection application the customer will have the option to cancel the installation contract and will receive a full refund of any deposit made, minus any cost associated with the interconnection application. The customer will also have the option to appeal CMP's denial with the PUC.

Modeled Annual Production

Please review the attached annual production module. Annual production assumes a shade free solar array under the assumption that the town will remove any trees to reduce or eliminate the impact of shade on production.

Utility Interconnection and Net Metering applications

Maine Solar Solutions will submit on behalf of the customer, all required permits, interconnection applications, COC and other documents required to CMP.

Financial Incentives:

- **Federal Tax Credit:** Solar systems installed in 2021 & 2022 qualify for a 26% tax credit.
- **Depreciation:** Commercial projects qualify for accelerated depreciation with bonus 100% depreciation. Consult with an accountant or tax professional to ensure eligibility for tax benefits.
- **Sale of sRECs:** Additional revenue can be realized if you exercise the option of selling Solar Renewable Energy Credits (sRECs). An sREC is earned for each megawatt hour produced (1000kwh). sREC values are volatile - this year they have averaged at around \$37 per megawatt hour.

References and Experience

Maine Solar Solutions was founded in 2012 and has installed over 1000 hundred solar electric systems throughout the southern half of Maine. Our trained and qualified installation and design crews include licensed electricians and Nabcep certified solar installers. All of our installation work is performed by our own electricians and installers.

Our customers are happy to provide references and welcome site visits as well.

We truly hope to have an opportunity to work with you to help you achieve your energy independence goals. Please don't hesitate to contact me directly with any questions.

Kind regards,

Sam Zuckerman
Owner
Maine Solar Solutions, llc
(207) 272-2455
sam@mainesolarsolutions.com

April 19, 2022

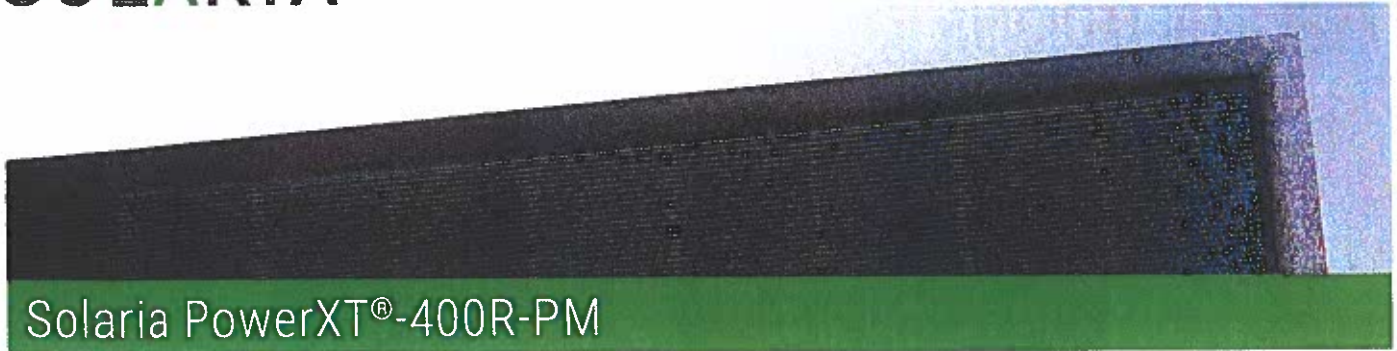




Thomaston Solar Proposal

Panel Manufacturer	Solaria XT-4008-TM 400 Watt
Array Size	18.0 kW Array
Number of Panels	45
Inverter Specification Grid	SolarEdge SE17.3KUS 3-Phase 208V
Modeled annual output	22,739 kWh/yr
System Cost	\$55,685

System cost does not include ME sales tax under the assumption that the town operates as a tax exempt entity
Pricing valid for 30 days



Solaria PowerXT[®]-400R-PM

Achieving over 20% efficiency, Solaria PowerXT solar panels are one of the highest power panels in the residential and commercial solar market. Compared to conventional panels, Solaria PowerXT panels have fewer gaps between the solar cells; this leads to higher power and superior aesthetics. Solaria PowerXT Pure Black[™] panels are manufactured with black backsheet and frames, enhancing a home or building's architectural beauty.

Higher Efficiency, Higher Power

Solaria PowerXT panels achieve over 20% efficiency, conventional panels achieve 15% - 17% efficiency. Solaria PowerXT panels are one of the highest power panels available.

Lower System Costs

Solaria PowerXT panels produce more power per square meter area. This reduces installation costs due to fewer balance of system components.

Improved Shading Tolerance

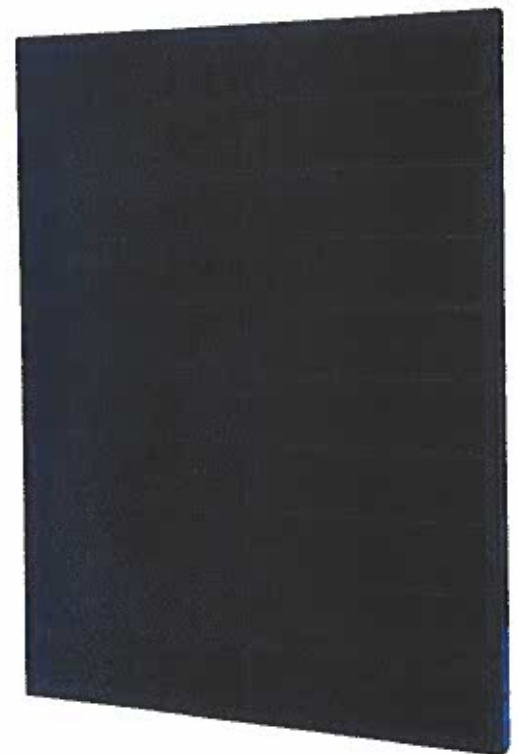
Sub-strings are interconnected in parallel, within each of the four panel quadrants, which dramatically lowers the shading losses and boosts energy yield.

Improved Aesthetics

Compared to conventional panels, Solaria PowerXT panels have a more uniform appearance and superior aesthetics.

Durability and Reliability

Solder-less cell interconnections are highly reliable and designed to far exceed the industry leading 25 year warranty.



About Solaria

Established in 2000, The Solaria Corporation has created one of the industry's most respected IP portfolios, with over 250 issued and pending patents in PV solar cell and module technology. Headquartered in Oakland, California, Solaria has developed a technology platform that unlocks the potential of solar energy.



Performance at STC (1000W/m², 25° C, AM 1.5)

Solaria PowerXT-		400R-PM
Max Power (P _{max})	[W]	400
Efficiency	[%]	20.2
Open Circuit Voltage (V _{oc})	[V]	51.1
Short Circuit Current (I _{sc})	[A]	9.82
Max Power Voltage (V _{mp})	[V]	42.4
Max Power Current (I _{mp})	[A]	9.41
Power Tolerance	[%]	-0/+3

Performance at NOCT (800W/m², 20°C Amb, Wind 1 m/s, AM 1.5)

Max Power (P _{max})	[W]	295
Open Circuit Voltage (V _{oc})	[V]	48.1
Short Circuit Current (I _{sc})	[A]	7.92
Max Power Voltage (V _{mp})	[V]	40.0
Max Power Current (I _{mp})	[A]	7.59

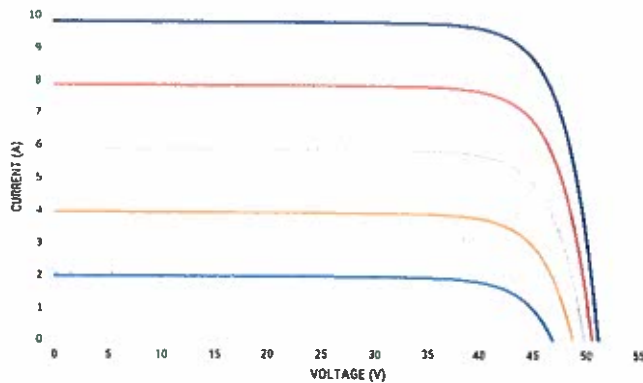
Temperature Characteristics

NOCT	[°C]	45 +/-2
Temp. Coeff. of P _{max}	[% / °C]	-0.39
Temp. Coeff. of V _{oc}	[% / °C]	-0.29
Temp. Coeff. of I _{sc}	[% / °C]	0.04

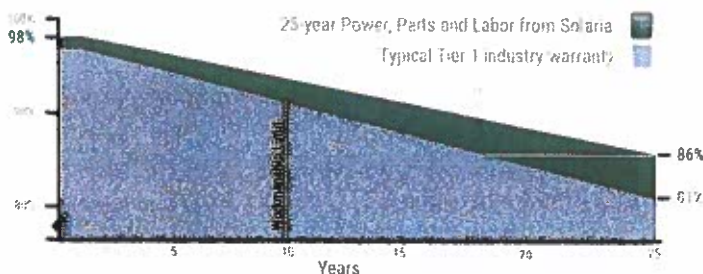
Design Parameters

Operating temperature	[°C]	-40 to +85
Max System Voltage	[V]	1000
Max Fuse Rating	[A]	20
Bypass Diodes	[#]	4

IV Curves vs. Irradiance (400W Panel)



Comprehensive 25-Year Warranty



Mechanical Characteristics

Cell Type	Monocrystalline Silicon
Dimensions (L x W x H)	64.72" x 47.4" x 1.57"
	1644mm x 1204mm x 40mm
Weight	21 kg / 46 lbs
Glass Type / Thickness	AR Coated, Tempered / 2.84mm
Frame Type	Black Anodized Aluminum
Cable Type / Length	12 AWG PV Wire (UL) / 1000mm
Connector Type	MC4
Junction Box	IP67 / 4 diodes
Front Load	5400 Pa / 113 psf*
Rear Load	2400 Pa / 50 psf*

* Refer to Solaria installing Manual for details

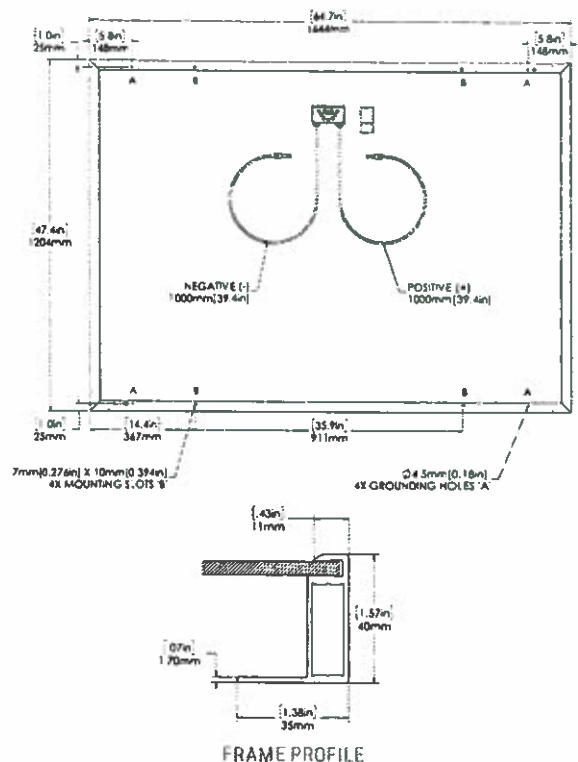
Certifications / Warranty

Certifications	UL 61730/UL1741/CEC CAN/CSA C22.2
Fire Type (UL 1703)	1
Warranty	25 years*

* Warranty details at www.solaria.com

Packaging

Stacking Method	Horizontal / Palletized
Panels / Pallet	25
Pallet Dims (L x W x H)	66.57" x 48.7" x 48.4"
	1691mm x 1238mm x 1230 mm
Pallet Weight	590 kg / 1300 lbs
Pallets / 40-ft Container	18
Panels / 40-ft Container	450



Three Phase Inverters for the 120/208V Grid For North America

SE14.4KUS / SE17.3KUS

INVERTERS



The best choice for SolarEdge enabled systems

- Specifically designed to work with power optimizers
- Quick and easy inverter commissioning directly from a smartphone using the SolarEdge SetApp
- Fixed voltage inverter for superior efficiency (97.5%) and longer strings
- Built-in type 2 DC and AC Surge Protection, to better withstand lightning events
- Small, lightest in its class, and easy to install outdoors or indoors on provided bracket
- Integrated arc fault protection and rapid shutdown for NEC 2014 and 2017, per article 690.11 and 690.12
- Built-in module-level monitoring with Ethernet, wireless or cellular communication for full system visibility
- Integrated Safety Switch
- UL1741 SA certified, for CPUC Rule 21 grid compliance

/ Three Phase Inverters for the 120/208V Grid⁽¹⁾

For North America

SE14.4KUS / SE17.3KUS

MODEL NUMBER	SE14.4KUS	SE17.3KUS	UNITS
APPLICABLE TO INVERTERS WITH PART NUMBER			
SEXXX-USX2IXXXX			
OUTPUT			
Rated AC Power Output	14400	17300	W
Maximum apparent AC output power	14400	17300	VA
AC Output Line Connections	3W + PE, 4W + PE		
AC Output Voltage Minimum-Nominal-Maximum ⁽²⁾ (L-N)	105-120-132.5		Vac
AC Output Voltage Minimum-Nominal-Maximum ⁽²⁾ (L-L)	183-208-229		Vac
AC Frequency Min-Nom-Max ⁽²⁾	59.3 - 60 - 60.5		Hz
Continuous Output Current (per Phase)	40	48.25	Aac
GFDI Threshold	1		A
Utility Monitoring, Islanding Protection, Country Configurable Set Points	Yes		
THD	≤ 3		%
Power Factor Range	+/- 0.85 to 1		
INPUT			
Maximum DC Power (Module STC)	21600	26000	W
Transformer-less, Ungrounded	Yes		
Maximum Input Voltage DC+ to DC-	600		Vdc
Operating Voltage Range	370 - 600		Vdc
Maximum Input Current	40	48.25	Adc
Maximum Input Short Circuit Current	55		Adc
Reverse-Polarity Protection	Yes		
Ground-Fault Isolation Detection	167kΩ Sensitivity ⁽³⁾		
CEC Weighted Efficiency	97.5		%
Night-time Power Consumption	< 4		W
ADDITIONAL FEATURES			
Supported Communication Interfaces	2 x RS485, Ethernet, Cellular (optional)		
Inverter Commissioning	With the SetApp mobile application using built-in Wi-Fi access point for local connection		
Rapid Shutdown	NEC2014, NEC2017 and NEC2020 compliant/certified		
RS485 Surge Protection Plug-in	Supplied with the inverter, Built-in		
AC, DC Surge Protection	Type II, field replaceable, Built-in		
DC Fuses (Single Pole)	25A, Built-in		
Smart Energy Management	Export Limitation		
DC SAFETY SWITCH			
DC Disconnect	Integrated		
STANDARD COMPLIANCE			
Safety	UL1741, UL1741 SA, UL1699B, CSA C22.2, Canadian AFCI according to T.I.L. M-07		
Grid Connection Standards	IEEE1547, Rule 21, Rule 14 (HI)		
Emissions	FCC part15 class A		
INSTALLATION SPECIFICATIONS			
AC output conduit size /AWG range	¾" or 1" / 6 - 10 AWG		
DC input conduit size / AWG range	¾" or 1" / 6 - 12 AWG		
Number of DC inputs pairs	4		
Dimensions with Safety Switch (H x W x D)	31.8 x 12.5 x 11.8 / 808 x 317 x 300		in / mm
Weight with Safety Switch	78.2 / 35.5		lb / kg
Cooling	Fans (user replaceable)		
Noise	< 62		dBA
Operating Temperature Range	-40 to +140 / -40 to +60 ⁽⁴⁾		°F / °C
Protection Rating	NEMA 3R		
Mounting	Bracket provided		

(1) For 277/480V inverters refer to: <https://www.solaredge.com/sites/default/files/se-three-phase-us-inverter-277-480v-setapp-datashaet.pdf>

(2) For other regional settings please contact SolarEdge support

(3) Where permitted by local regulations

(4) For power de-rating information refer to: <https://www.solaredge.com/sites/default/files/se-temperature-derating-note-na.pdf>



RESULTS

23,737 kWh/Year*

System output may range from 22,740 to 24,404 kWh per year near this location.

Caution: Photovoltaic system performance predictions calculated by PVWatts® include many inherent assumptions and uncertainties and do not reflect variations between PV technologies nor site-specific characteristics except as represented by PVWatts® inputs. For example, PV modules with better performance are not differentiated within PVWatts® from lesser performing modules. Both NREL and private companies provide more sophisticated PV modeling tools (such as the System Advisor Model at <https://sam.nrel.gov>) that allow for more precise and complex modeling of PV systems.

The expected range is based on 30 years of actual weather data at the given location and is intended to provide an indication of the variation you might see. For more information, please refer to this NREL report: The Error Report.

Disclaimer: The PVWatts® Model ("Model") is provided by the National Renewable Energy Laboratory ("NREL"), which is operated by the Alliance for Sustainable Energy, LLC ("Alliance") for the U.S. Department Of Energy ("DOE") and may be used for any purpose whatsoever.

The names DOE/NREL/ALLIANCE shall not be used in any representation, advertising, publicity or other manner whatsoever to endorse or promote any entity that adopts or uses the Model. DOE/NREL/ALLIANCE shall not provide any support, consulting, training or assistance of any kind with regard to the use of the Model or any updates, revisions or new versions of the Model.

YOU AGREE TO INDEMNIFY DOE/NREL/ALLIANCE, AND ITS AFFILIATES, OFFICERS, AGENTS, AND EMPLOYEES AGAINST ANY CLAIM OR DEMAND, INCLUDING REASONABLE ATTORNEYS' FEES, RELATED TO YOUR USE, RELIANCE, OR ADOPTION OF THE MODEL FOR ANY PURPOSE WHATSOEVER. THE MODEL IS PROVIDED BY DOE/NREL/ALLIANCE "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. IN NO EVENT SHALL DOE/NREL/ALLIANCE BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO CLAIMS ASSOCIATED WITH THE LOSS OF DATA OR PROFITS, WHICH MAY RESULT FROM ANY ACTION IN CONTRACT, NEGLIGENCE OR OTHER TORTIOUS CLAIM THAT ARISES OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE MODEL.

The energy output range is based on analysis of 30 years of historical weather data for nearby, and is intended to provide an indication of the possible interannual variability in generation for a fixed (open rack) PV system at this location.

Month	Solar Radiation (kWh / m ² / day)	AC Energy (kWh)	Value (\$)
January	2.99	1,432	99
February	4.15	1,797	125
March	4.98	2,268	157
April	5.30	2,239	155
May	5.71	2,452	170
June	5.74	2,346	163
July	6.18	2,560	178
August	5.91	2,444	170
September	5.22	2,089	145
October	3.90	1,716	119
November	2.81	1,254	87
December	2.41	1,140	79
Annual	4.61	23,737	\$ 1,647

Location and Station Identification

Requested Location	Thomaston maine
Weather Data Source	Lat, Lon: 44.09, -69.18 0.8 mi
Latitude	44.09° N
Longitude	69.18° W

PV System Specifications (Residential)

DC System Size	18 kW
Module Type	Standard
Array Type	Fixed (roof mount)
Array Tilt	26°
Array Azimuth	200°
System Losses	14.08%
Inverter Efficiency	97.5%
DC to AC Size Ratio	1.2

Economics

Average Retail Electricity Rate	0.069 \$/kWh
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Performance Metrics

Capacity Factor	15.1%
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Please note that the electricity rate information is not accurate

March 25, 2022
John Fancy
Thomaston Pollution Control Department

Dear Mr. Fancy and TPCD Team:

Thank you for the opportunity to provide TPCD with a proposal from Pine Tree Solar. Along with this proposal you will find our companies Statement of Qualifications which includes a detailed layout of our companies' values, experience, and team. Also presented will be a nice magazine shoot that gives you a good feel for what some of our most current installs look like.

Panels - In this proposal we are using SilFab Solar 490-Watt panels. We also currently use Canadian Solar 455-Watt panels and Q-Cell 480-Watt panels if you have a preference in panel manufacturer.

Inverters - This proposal includes 3 SMA 5.0 inverters. This 15 kW of inverter to the 16.2 kW of panel gives us a 0.92 AC/DC power ratio, anything under 1.5 ratio is acceptable by the SMA inverters and anything below the 1.35 ratio is typically deemed optimal. Each new inverter will connect to one of the legs of the 3-phase power. Each leg of 3 phase power will then have an old 8kw inverter and a new 5kw inverter making 13kw per leg.

Monitoring Systems and Training - Pine Tree Solar offers free monitoring and training after installation.

Engineering - We do all design and droning in house but for larger projects we typically bring in a 3rd party engineering firm to help confirm the design of our system and to provide a stamped engineered diagram for the Utility, this is required for all arrays over 50 kW of AC power in Maine. We use either RLC Engineering out of Falmouth, ME or we use CED Greentech Engineering out of Auburn, MA.

For this size system we do not foresee engineering needed to be done unless CMP requires it.

System Cost - For roof installations of systems ranging from 15-20 kW our pricing would be \$3.25 per Watt. For the 16.2 kW system proposed this comes to \$52,552.50. Our prices include Site Survey, Droning, Design, Interconnect Paperwork, Town Permitting, Installation of Array, Activation of System and Training. The only aspect that our pricing does not include is the interconnection cost provided to you by the Utility and potential but unlikely engineering fees due to the Utilities requirements. These costs include studies and upgrades to the electrical grid that the Utility may require.

Payment Schedule - A typical payment schedule of 50% upfront upon signing contract, 25% due upon materials arriving at site, 20% due upon installation completion, and final 5% due after CMP activation and training on monitoring system.

System Production - This current system with (33) SilFab Solar 490-Watt panels and (3) SMA 5.0 inverters is estimated to make 21,096 kWh yearly.

Project Timeline - Currently we are installing project about 3 months out from the final approval from the Utility. Unfortunately, we are at the mercy of the Utility and their time frames and studies before we can start our process.

Pre-Installation - In this process we would meet with your team to come up with the best options for your needs, site surveys, droning of sites. After a design is chosen and agreed upon, we would then start the interconnect paperwork and permitting process. As stated in the Project Timeline, this process is the most time-consuming part of the whole project.

Installation - This installation will comprise of 2 parts.

1. Solar array installation: 1 - 2 days would be a typical onsite timeline for the solar array install of this size.

2. Inverter and wiring between buildings: This also should be 1-2 days but depending on CMPs requirements this may change slightly.

Post-Installation - Our team will hold a training of the system and any monitoring that was chosen.

Potential Issues - Typically this is not a category that we include in an RFP, but you have a few unique circumstances that can cause a few issues.

1. You have an existing solar system that we need to make sure we can work side by side with.

2. Between your old system and your new system your total kW output to the grid is going to be over 25 kW. This will cause your interconnection to be a level 2 application. Once into level 2 application CMP will want to do more studies on what this power does to their grid. Most of the time at this size we do not see many issues arise, but we want to be prepared for the worst-case scenario. If in the studies that CMP conducts, there is a potential failure to the system they reserve the right to move this project up to a level 4 project which requires paid studies which would make this project uneconomical. They can also require some substation or line upgrades. I think that 90% of the time this will not be the case, but I wanted to warn of the worst-case scenarios just in case.

We believe that our best qualities as a Solar Company is our ability to adapt to each customer's needs. We install everything from small off-grid systems to average residential and small business all the way up to large 5 MW fields. This allows us to take each individual project you have and design and install it in the most effective and efficient way possible for your needs. Thank you for your time and consideration in this process.

Thanks,
Pine Tree Solar Team



SolarLogix, LLC

28 Loxley Lane

Swanville, ME 04915

207-322-9549, 207-218-1411

josh@solarlogixmaine.com

www.solarlogixmaine.com

Thomaston Pollution Control Department, 18.36 KW PV

Address and Contact Information:

John Fancy

33 Clark Street, Thomaston, ME 04861

207-354-2136, Cell: 207-691-3566, email jfancy@thomastonmaine.gov.

Project Description:

The system will consist of:

- 51 QCells 360 watt all black premium efficiency panels
- 1 Solaredge 17KW 3 phase 208V inverter with DC optimizers and online monitoring
- All electrical work*
- All necessary permitting and assistance with interconnection agreement with Utility*
- Project Cost: \$64,000

*any utility upgrades deemed necessary from utility not included in this quote

*trench and conduit run by public works department/pollution control department as discussed

Resource Assessment and Economics:

The 18.36 KW array estimated to produce:

22,032 KW-hrs annually, according to the NREL PV Watts estimator.

22,032 KW-hrs annually at a Utility rate of \$0.212 = \$4,671 of electricity offset by the system (\$389/month).

System cost: \$64,000

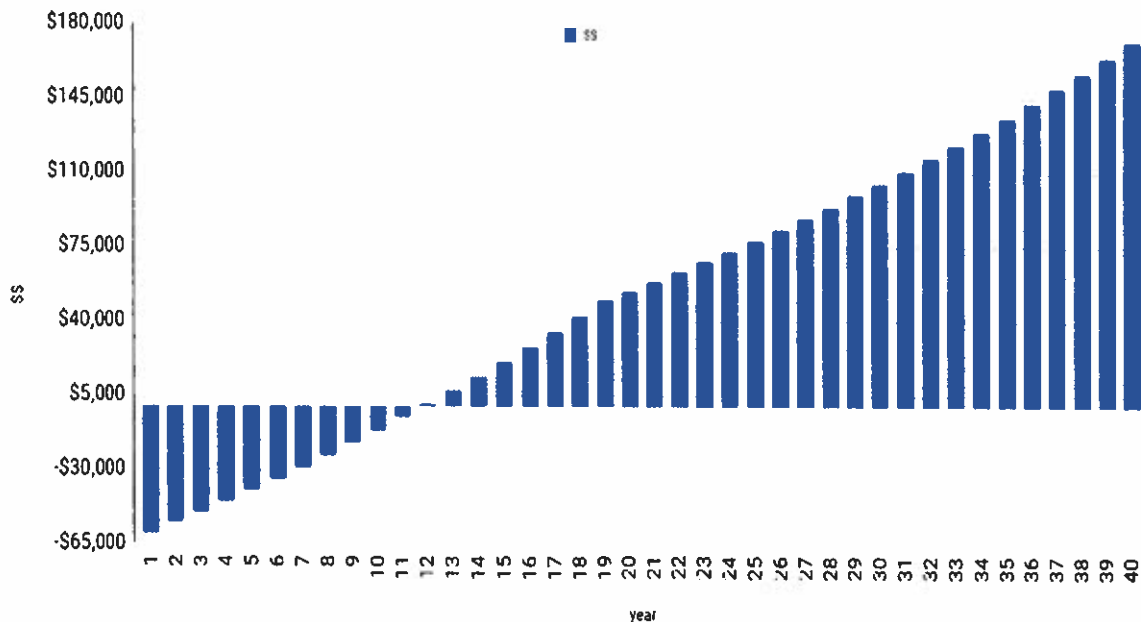
Expected Federal Tax Credit (FTC): \$0

Cost after Credit Realized: \$64,000

Payback <12 years assuming a 2.75% annual Utility increase, see chart below

Total lifetime savings: \$169,583 assuming 40 year service life, 100% net metering for years 1-20, 50% net metering years 21-40

Return on Investment of Proposed Array



* production values, resource assessment, economics, and payback are estimates only

* check with your accountant on federal tax credit incentive and depreciation incentive

Warranties:

One (1) Year workmanship warranty on labor.

Manufacturers warranties apply:

Hanwha QCells Solar Panels, German Engineered, Made in the USA or South Korea.
Superior efficiency panels.

- 25 years manufacturer's product warranty, 25 year linear power warranty

Solaredge Inverters. Excellent Quality and Support.

- 12 years manufacturer's warranty on inverter (upgradeable to 25 years)
- 25 years manufacturers warranty on DC optimizers

Cost:

Outright purchase. Total cost: \$64,000

30% deposit, 70% due upon completion and grid connection.

Quote valid for 15 days from todays date 4/6/2022