



ACE SOLAR

Alliance Clean Energy

**Town of Barrington, New Hampshire
Request For Proposals
For
Town Hall Municipal Photovoltaic
(PV) Installation**



February 1, 2024

Town of Barrington
Proposals for Barrington Town Hall
Solar PV Installation
PO Box 660
Barrington, NH 03825

RE: Request for Proposals (RFP) for Town Hall Municipal Photovoltaic (PV) Installation – RFP
#EC-23-01

To Whom it May Concern,

Alliance Clean Energy, Inc. (“ACE Solar” and/or “the Respondent”) is pleased to provide the enclosed Proposal (“Response”) to the Request for Proposal (RFP) for Solar for Town Hall Municipal Buildings published in February of 2024. Our proposal package is based on details outlined in the original RFP.

We offer the following commitments and representations to the Town of Barrington (“the Town”):

1. The undersigned is authorized to submit this Response on behalf of the Respondent and to bind the Respondent to its terms. We have fully reviewed the RFP and any and all addenda thereto, and we fully understand the scope and nature of the project and contractual arrangements for which Responses are being requested.
2. Our Response has been prepared and is submitted without collusion, fraud or any other action taken in restraint of free and open competition for the response to the RFP. Neither the Respondent nor any member of the Respondent’s project team is currently suspended or debarred from doing business with any governmental entity.
3. We certify that all the information provided in our Response is true and accurate and that the Town may rely on such information in the evaluation of our Response. We have read and understand the evaluation criteria in the RFP. We accept that the Town reserves the right to waive minor informalities and to reject in whole or in part any and all Responses. We accept that the Town reserves the right to select the Developer that provides the most responsive and responsible Response, which best meets the needs of the Town, taking into account the Developer proposal, submittal quality, and evaluation criteria.
4. We understand that the Town seeks to identify, through this RFP, the most qualified Respondent that: (1) meets the needs of the Town, (2) demonstrates a thorough understanding of the current solar policy context, (3) demonstrates an ability to successfully finance and complete Solar Photovoltaic (PV) Projects; and (4) demonstrates a willingness to incur project development costs despite the evolving solar policy landscape in New Hampshire.



Alliance Clean Energy

16 High St. Suite 300
North Andover, MA 01815

5. We agree to take full responsibility for all costs of preparing this Response. We waive any and all claims against the Town and its employees, representatives and agents related to the cost of preparing, submitting and having the Town review and evaluate this Response.
6. Our system will comply with the most current version of the Federal Energy Management Program Guide for Management and Verification.
7. We have ample capacity to complete this project in a timely manner with our current workloads.
8. We guarantee the terms set forth in these commitments and representations for 90-days as requested by the Town.

Background Information & Experience

ACE Solar is one of the leading Solar Contractor/Developer firms in the New England area, with a team that has installed hundreds of systems from 2 kW to 20 MW (20,000 kW) totaling over 475 MW of solar capacity. ACE Solar is a family and veteran owned and operated local company, and many of our employees grew up right here in New England. We have the capabilities of a large company without losing the personal relationships of a local business. ACE Solar has years of experience in solar on landfills, brownfields, greenfields, carports, **roof-mounts**, libraries, schools, **town offices**, garages, and more. Our family of companies has been providing solar energy installation and EPC services for 13 years. Included with this proposal package is a list of projects completed by ACE Solar, further demonstrating our experience in the industry. We are proud of the fact that we have been named the **#1 solar EPC Contractor** in Massachusetts and **one of the largest in New England** for 7 consecutive years, the #1 solar EPC in Maine for the first time in 2022 and in the top 50 contractors in the Country by Solar Power World Magazine (www.myacesolar.com/spw).

We currently have about 100 full-time employees located in our corporate headquarters at 16 High Street Suite 300, North Andover, MA, an office in **Lincoln NH**, our shops in North Oxford and North Andover MA and offices in Biddeford ME. We are well equipped to provide all required expertise to ensure completion in a timely and professional manner. Our project team consists of highly qualified project managers, foreman, engineers, electricians, installers and so-forth. Our team carries all the necessary licenses and certifications, including Master Electrician licenses and NABCEP certifications.

Our project team is one of the leading solar contractors/developers of PV systems in New England. Our team has successfully developed and installed hundreds of projects including municipal solar projects accumulating over 50 MW of municipal PV capacity in New England. Each of those projects was designed and built by our team in partnership with the local municipalities similar to the transaction contemplated by Barrington. We have ample experience in New Hampshire working on both large and small scale residential, commercial,



Alliance Clean Energy

16 High St. Suite 300
North Andover, MA 01815

utility scale and municipal projects. With the new Net Metering laws, municipalities in New Hampshire are just starting to buy systems outright instead of opting for PPAs. That said, we are currently under contract with Merrimack County in New Hampshire after our bid was selected to build one of the largest municipal owned solar projects in New Hampshire, currently designed at 4.8 MW of capacity. We have worked on countless municipal projects, working directly with Municipalities on similar roof mount projects including multiple portfolios completed for the Cape Vineyard Electric Company (CVEC), where we installed 7 systems on various town buildings including the Eastham Library and Chatham Fire Station. Reference sheets for these projects including contact information have been attached to this response, along with three other reference projects for installs we completed at the Camp Curtis National Guard Base in Reading, Massachusetts, a rooftop install at BJ's in Quincy, MA, and a rooftop/canopy system we installed at Arsenal Yards in Watertown, MA. We have provided contact information for the contacts associated with these projects as references to the quality of our work. Our team has decades of experience on municipal projects throughout New England of varying size and scope and ample references to attest to the quality of our work and reputation.

ACE Solar evaluated the Town Hall Building for feasibility of installing solar as requested. We have provided a design for a system on the building's roof and have included a cost estimate and pricing breakdown. With respect to any location that is being considered for solar, having a roof that is in good condition and an underlying structure that can support the additional load imposed by the solar array are fundamental requirements that will need to be assessed.

The system design consists of one large array on the South-East roof face, totaling 43.165kW-DC. The main components include (89) Hanwha Q.Cell 485W modules, (89) Solaredge S500B optimizers, and (3) Solaredge SE11400 inverters. The racking used will be the Ironridge Aire flush mount system, with Ironridge Halo UltraGrip roof attachments. All exterior electrical equipment will be located outside near the existing utility service entrance and meter. The PV system will be interconnected to the existing service via a line side tap.

We are proud to say that ACE Solar has never had any litigation or dispute with a client or subcontractor. We value productive working relationships with clients, vendors and project partners. Additionally, ACE Solar is insured through Lloyd's of London. If selected, we can insure the system at the required limits. A letter from our insurance broker demonstrating the commitment to the project can be furnished upon request. If selected to move forward, ACE Solar will provide the Town with a breakdown of all equipment and workmanship warranties for the proposed system. Equipment spec sheets and warranties would have exceeded the response page limit, so they were not included in the attachments but can be furnished upon request for the Town's review. The IronRidge products and Solaredge Optimizers have a 25 year warranty, Q.Cell panels have a 12 year product and 25 year linear performance warranty, and the SolarEdge Inverter has a 12-25 year warranty.

ACE SOLAR

Alliance Clean Energy

**16 High St. Suite 300
North Andover, MA 01815**

ACE Solar will provide the Town with a monitoring portal and assist with sign-up, monitoring instructions and our service request process. ACE Solar will train town personnel and provide an operations and maintenance manual. ACE Solar is also happy to provide a separate yearly O&M contract. ACE Solar strives to complete all projects on time and on budget.

Thank you for the opportunity to submit this proposal package. If you have any questions, please feel free to contact me at the phone number or email address below.

Best regards,



Eric T. McLean P.E.
Director of Operations
ACE Solar
16 High Street, Suite 300
North Andover MA 01845
978-884-2903
eric@myacesolar.com



Alliance Clean Energy

16 High St. Suite 300
North Andover, MA 01815

Accompanied with this letter are the following attachments:

1. Price Proposal
2. Design and Production
3. Equipment Spec Sheets with Warranties
4. Project Experience: Reference Projects
5. Project Experience List
6. Certificate of Insurance
7. Release of Information

Price Proposal



Alliance Clean Energy

Price Proposal Form

Company Name: Alliance Clean Energy Inc.

Street Address: 16 High Street, Suite 300, North Andover, MA 01845

Phone: (978) 884-2903

Email: eric@myacesolar.com

Website: www.myacesolar.com

Price Proposal

Pricing includes all labor, materials, data acquisition system, warranty, utility interconnection as described in the scope of work (of this RFP).

(A) Total number of kW of installed capacity: 43.165 kW

(B) Total number of kWh produced year 1: 43,977

(C) Price per Watt (W) of photovoltaic units installed: \$ 2.69

TOTAL PRICE PROPOSAL [(A) x (C)] =	\$ <u>116,254</u>
---	--------------------------

Cost Breakdown

Labor (35%):	\$ <u>40,688.90</u>
Materials (55%):	\$ <u>63,939.70</u>
Engineering (5%):	\$ <u>5,812.70</u>
Overhead (5%):	\$ <u>5,812.70</u>
Total:	\$ <u>116,254</u>



Alliance Clean Energy

Price Excludes

Hot or live parts related work. No work on live parts. shutdown maybe required for POI Interconnection, Civil related work scope, Asphalt cutting and patching (if required), Concrete forming, setting or pouring (FPS), Excavation including trenching and backfill, Hazardous Material Cleanup & Disposal, Demolition, Multiple Mobilizations / Demobilizations, Utility company charges, Unnoted local jurisdiction requirements, Cutting, Patching and Painting, Concealed or unknown existing conditions, Off-Site Storage, Prevailing wage, Tax, Bond, Arc Flash Study, Buy America, Utility fees beyond initial interconnection application, Union labor or prevailing wage, electrical upgrades to existing infrastructure, SCADA system if required by the utility, landscaping buffer (bushes, trees), additional permitting (beyond AOT, DOT road opening permit, Building and Electrical Permits), grading and stormwater features, additional fill or topsoil (assumed a net zero site), delays by utility, hazardous waste remediation, sales tax, payment and performance bond could be provided at an additional 2.5%

Bidder Signature: _____

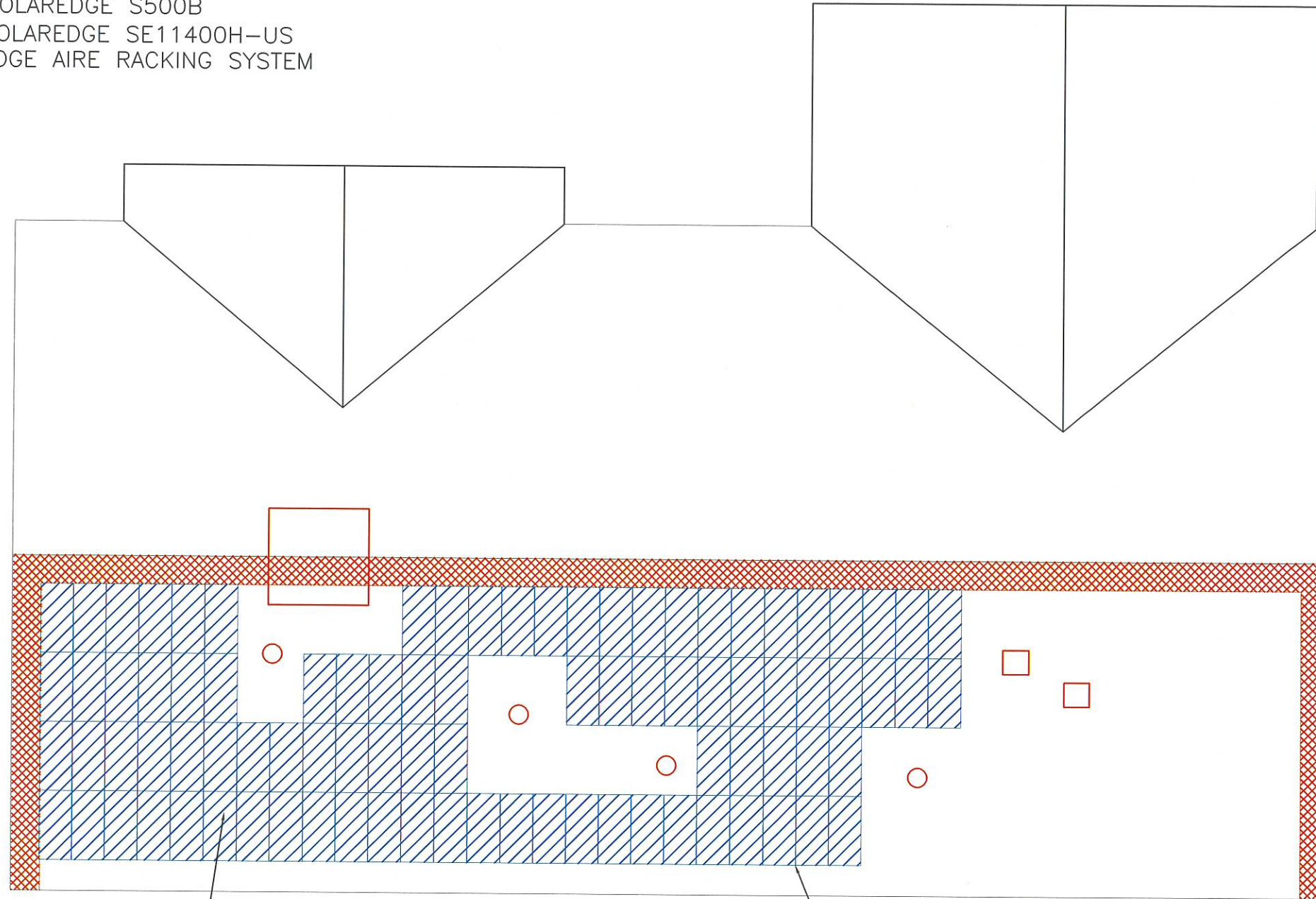
Date: 2/01/24

Addenda Acknowledged: _____

Attachments

SYSTEM SIZE: 43.165 KW-DC
 34.2 KW-AC
 DC/AC RATIO: 1.26

MODULES: (89) HANWHA Q.PEAK DUO XL-G10 485W
 OPTIMIZERS: (89) SOLAREEDGE S500B
 INVERTERS: (3) SOLAREEDGE SE11400H-US
 RACKING: IRONRIDGE AIRE RACKING SYSTEM



FIRE SETBACKS
 36" AT THE RIDGE
 36" ALONG THE RAKE

IRONRIDGE RACKING SYSTEM
 HALO ULTRAGRIP ATTACHMENTS
 AIRE A1 RAIL

PV ARRAY
 (89) HANWHA Q.PEAK DUO XL-G10 485 W
 (89) SOLAREEDGE S500B OPTIMIZERS

NOTES:

1. FIELD VERIFICATION REQUIRED FOR EXACT ROOF DIMENSION AND OBSTRUCTION LOCATIONS
2. SEE IRONRIDGE BOM FOR QUANTITIES OF RACKING COMPONENTS

SEAL:

CONFIDENTIAL
 THIS DRAWING AND ANY DATA, DESCRIPTION, AND OTHER INFORMATION CONTAINED HEREIN ARE CONSIDERED AS PROPRIETARY AND THE EXCLUSIVE PROPERTY OF ACE SOLAR AND SHALL NOT BE PUBLISHED, REPRODUCED, COPIED, DISCLOSED, OR USED, IN WHOLE OR IN PART, FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN PERMISSION OF A DULY AUTHORIZED REPRESENTATIVE OF ACE SOLAR.

COPYRIGHT 2023 ACE SOLAR
 ALL RIGHTS RESERVED

REVISION:

#	DESCRIPTION	BY	DATE
1.0	PRELIMINARY RFP DESIGN	TE	01/29/24

CUSTOMER:

PROJECT NAME:
 BARRINGTON NH TOWN HALL
 TOWN RFP

PROJECT ADDRESS:
 4 SIGNATURE DR
 BARRINGTON, NH 03825

PROJECT NUMBER:

SCALE:
 AS SHOWN

ISSUE FOR:
 PERMIT

DRAWING TITLE:
 ROOF MOUNTED
 PV SYSTEM PLAN

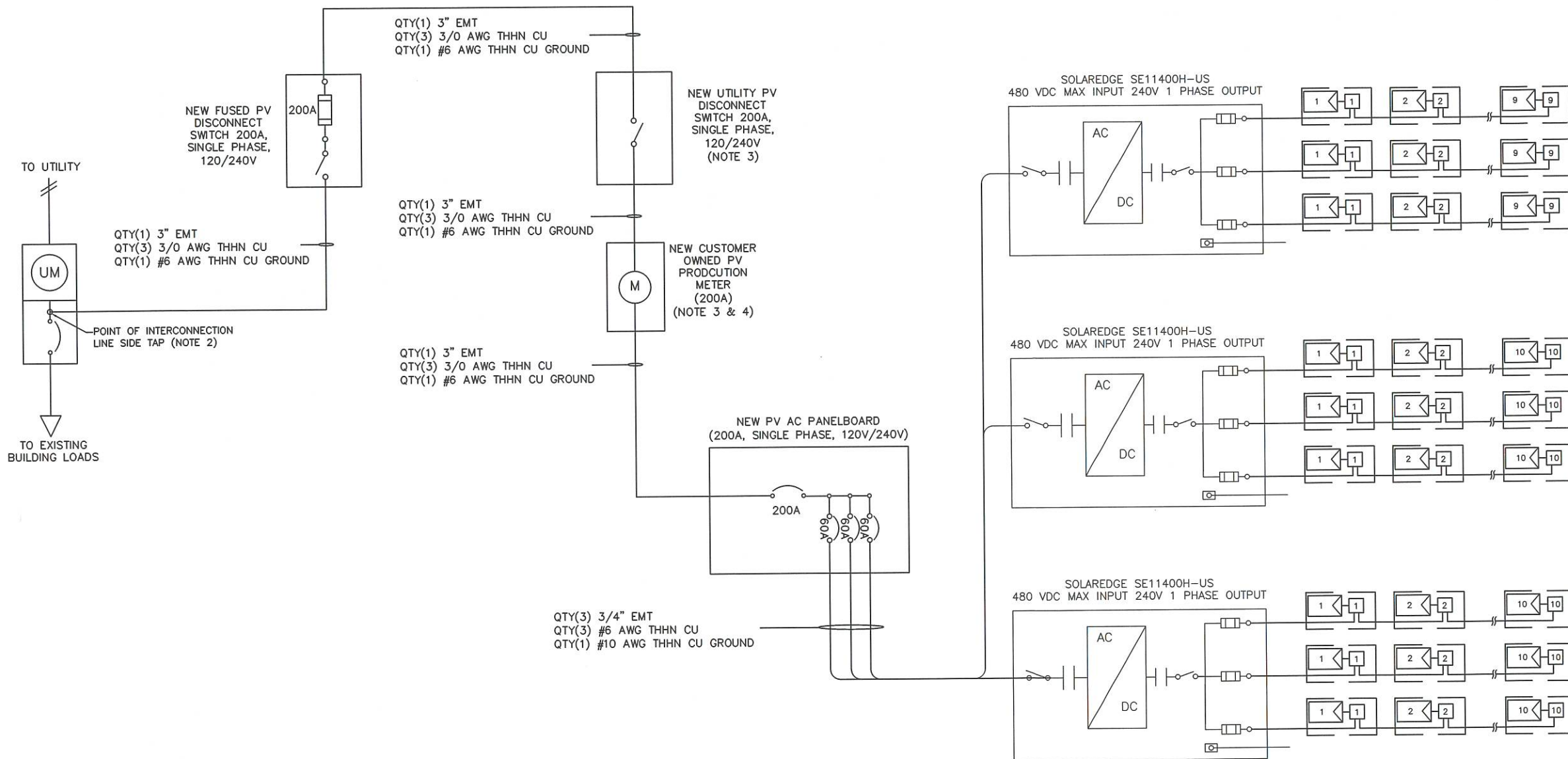
DRAWN BY:	CHECKED BY:	SHEET #:
TE		PV1
DATE	DATE	
01/29/24		

SEAL:

INV1
QTY (29)
485 W MODULES FOR
14,065 W DC @ STC
(1) STRING OF (9) MODULES
(2) STRINGS OF (10) MODULES
(29) S500B OPTIMIZERS

INV2
QTY (30)
485 W MODULES FOR
14,550 W DC @ STC
(3) STRINGS OF (10) MODULES
(30) S500B OPTIMIZERS

INV3
QTY (30)
485 W MODULES FOR
14,550 W DC @ STC
(3) STRINGS OF (10) MODULES
(30) S500B OPTIMIZERS



NOTES:

- LICENSED ELECTRICAL INSTALLATION CONTRACTOR TO ENSURE THAT SYSTEM IS INSTALLED AND INTERCONNECTED IN COMPLIANCE WITH ALL APPLICABLE CODES AND STANDARDS.
- ASSUMED POINT OF INTERCONNECTION IS A LINE SIDE TAP BETWEEN METER AND SERVICE DISCONNECT. EXACT EXISTING EQUIPMENT TO BE FIELD VERIFIED
- HEAVY DUTY SAFETY SWITCH, 200A, SINGLE PHASE, NEMA 3R, NON-FUSED. DISCONNECT SWITCH TO BE LOCKABLE BY UTILITY AND SERVICE ENTRANCE RATED. SWITCH AND METER TO BE ACCESSIBLE TO THE UTILITY 24/7.
- PV PRODUCTION METER ENCLOSURE TO COMPLY WITH ALL APPLICABLE UTILITY STANDARDS AND MANUFACTURER REQUIREMENTS.

CONFIDENTIAL
THIS DRAWING AND ANY DATA, DESCRIPTION, AND OTHER INFORMATION CONTAINED HEREIN ARE CONSIDERED AS PROPRIETARY AND THE EXCLUSIVE PROPERTY OF ACE SOLAR AND SHALL NOT BE PUBLISHED, REPRODUCED, COPIED, DISCLOSED, OR USED, IN WHOLE OR IN PART, FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN PERMISSION OF A DULY AUTHORIZED REPRESENTATIVE OF ACE SOLAR.

COPYRIGHT 2023 ACE SOLAR
ALL RIGHTS RESERVED

REVISION:

#	DESCRIPTION	BY	DATE
1.0	PRELIMINARY RFP DESIGN	TE	01/29/24

CUSTOMER:

PROJECT NAME:
BARRINGTON NH TOWN HALL
TOWN RFP

PROJECT ADDRESS:
4 SIGNATURE DR
BARRINGTON, NH 03825

PROJECT NUMBER:

SCALE:
AS SHOWN

ISSUE FOR:
PERMIT

DRAWING TITLE:

PV SYSTEM
SINGLE LINE DIAGRAM

DRAWN BY:	CHECKED BY:	SHEET #:
TE		E-1
DATE	DATE	
01/29/24		

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 //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, and is intended to provide an indication of the possible interannual variability in generation for a Fixed (open rack) PV system at this location.

RESULTS

43,977 kWh/Year*

System output may range from 41,932 to 45,921 kWh per year near this location.

Month	Solar Radiation (kWh / m ² / day)	AC Energy (kWh)
January	2.16	2,152
February	3.18	2,864
March	4.33	4,204
April	5.20	4,663
May	5.18	4,652
June	5.77	4,930
July	6.13	5,353
August	5.33	4,692
September	4.30	3,731
October	3.22	2,984
November	2.10	1,939
December	1.87	1,811
Annual	4.06	43,975

Location and Station Identification

Requested Location	4 Signature Dr, Barrington, NH
Weather Data Source	Lat, Lng: 43.21, -70.98 1.3 mi
Latitude	43.21° N
Longitude	70.98° W

PV System Specifications

DC System Size	43.165 kW																								
Module Type	Premium																								
Array Type	Fixed (open rack)																								
System Losses	22.67%																								
Array Tilt	23°																								
Array Azimuth	105°																								
DC to AC Size Ratio	1.26																								
Inverter Efficiency	96%																								
Ground Coverage Ratio	0.4																								
Albedo	From weather file																								
Bifacial	No (0)																								
Monthly Irradiance Loss	<table border="1"> <tr><td>Jan</td><td>Feb</td><td>Mar</td><td>Apr</td><td>May</td><td>June</td></tr> <tr><td>0%</td><td>0%</td><td>0%</td><td>0%</td><td>0%</td><td>0%</td></tr> <tr><td>July</td><td>Aug</td><td>Sept</td><td>Oct</td><td>Nov</td><td>Dec</td></tr> <tr><td>0%</td><td>0%</td><td>0%</td><td>0%</td><td>0%</td><td>0%</td></tr> </table>	Jan	Feb	Mar	Apr	May	June	0%	0%	0%	0%	0%	0%	July	Aug	Sept	Oct	Nov	Dec	0%	0%	0%	0%	0%	0%
Jan	Feb	Mar	Apr	May	June																				
0%	0%	0%	0%	0%	0%																				
July	Aug	Sept	Oct	Nov	Dec																				
0%	0%	0%	0%	0%	0%																				

Performance Metrics

DC Capacity Factor	11.6%
--------------------	-------

ACE SOLAR

Alliance Clean Energy



ARSENAL YARDS

This was a 1100 kW commercial installation that included both a rooftop and canopy component to the system.



PROJECT HIGHLIGHTS

System Size: 1100.88 kW-DC

Location: 485 Arsenal Street,
Watertown, MA

Year Completed: 2021

Equipment Used:

- 405 W Hanwha Panels
- SolarEdge String Inverters

CLIENT: Kearsarge

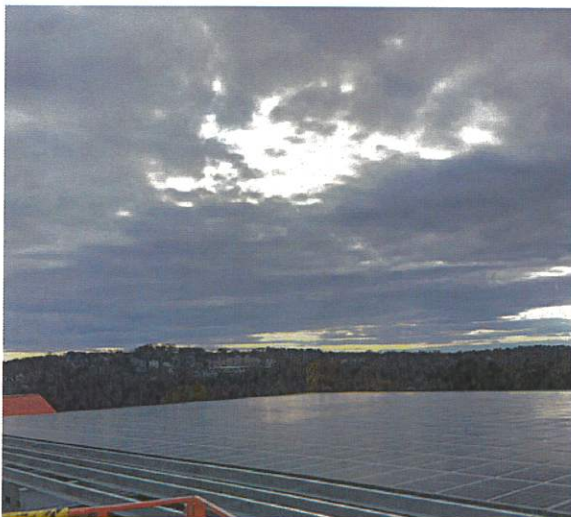
ACE'S ROLE: EPC

CONTACT: dvoss@kearsargeenergy.com; (617) 331-2659



ARSENAL YARDS

This was a 1100 kW commercial installation that included both a rooftop and canopy component to the system.



PROJECT HIGHLIGHTS

System Size: 1100.88 kW-DC

Location: 485 Arsenal Street,
Watertown, MA

Year Completed: 2021

Equipment Used:

- 405 W Hanwha Panels
- SolarEdge String Inverters

CLIENT: Kearsarge

ACE'S ROLE: EPC

CONTACT: dvoss@kearsargeenergy.com

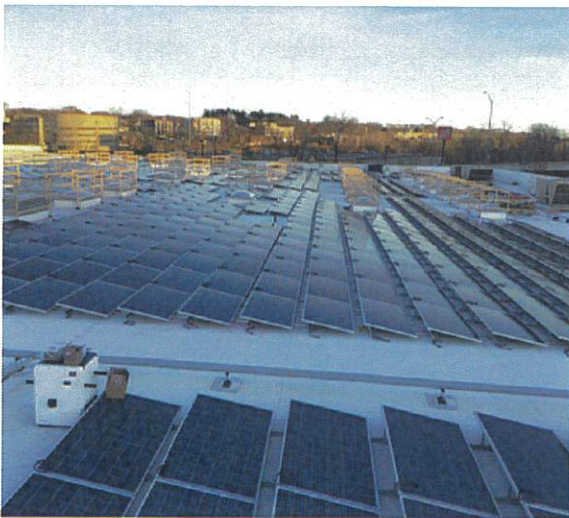
ACE SOLAR

Alliance Clean Energy



BJ'S - QUINCY

This project included 1278 roof-mounted solar panels installed with a Panel Claw racking system.



PROJECT HIGHLIGHTS

System Size: 434.52 kW DC

Location: 200 Crown Colony drive
Quincy, MA

Equipment Used:

- JA 340 W Solar Panels
 - Sunny Tripower Inverter
 - Panel Claw Racking
-

CLIENT: Enter Solar

ACE'S ROLE: General Contractor

CONTACT: nicole.walters@powerflex.com; (929) 506-7159

ACE SOLAR

Alliance Clean Energy



BJ'S - QUINCY

This project included 1278 roof-mounted solar panels installed with a Panel Claw racking system.



PROJECT HIGHLIGHTS

System Size: 434.52 kW DC

Location: 200 Crown Colony drive
Quincy, MA

Equipment Used:

- JA 340 W Solar Panels
- Sunny Tripower Inverter
- Panel Claw Racking

CLIENT: Enter Solar

CONTACT: nicole.walters@powerflex.com

ACE'S ROLE: General Contractor

ACE SOLAR

Alliance Clean Energy



CHATHAM FIRE STATION

This install was a 97 kW system installed at the Chatham Fire Station. This was one of many projects we have completed on the Cape and was a relatively straightforward installation.

PROJECT HIGHLIGHTS



System Size: 97 kW DC

Location: 135 Depot Road
Chatham, MA

Year Completed: 2019

Equipment Used:

- 395 W LG Panels
- Solaredge String Inverter

CLIENT: CVEC

ACE'S ROLE: General Contractor

CONTACT: Jonathan Abe, jon@sunwealth.com, (857) 205-9044



EASTHAM LIBRARY

This was a 116 kW roof mounted system installed on the Eastham Library in Cape Cod. This was one of many commercial systems installed on the cape, and was a smooth install with a beautiful view.



PROJECT HIGHLIGHTS

System Size:	116 kW-DC
Location:	190 Samoset Road Eastham, MA
Year Completed:	2019
Completion Status:	On time, On Budget
Equipment Used:	
	<ul style="list-style-type: none">• 395 W LG Panels• SolarEdge String Inverters (SE14.4KUS; SE9KUS)

CLIENT: Cape Vineyard Electric Company (CVEC) **ROLE:** General Contractor

CONTACT: Jonathan Abe, jon@sunwealth.com, (857) 205-9044



READING FMS CAMP CURTIS

This was a 250 kW municipal solar installation. This is a rooftop system on the Camp Curtis national guard base, and was built as an add-on to the oldest active solar system in Massachusetts.



PROJECT HIGHLIGHTS

System Size: 250.4 kW-DC

Location: 25 Haverhill Street
Reading, MA

Year Completed: 2022

Equipment Used:

- 475 W Q.Peak Hanwha Panels
- SE100KUS SolarEdge Inverters

CLIENT: Reading National Guard

ACE'S ROLE: EPC

CONTACT: Michael Gautrea, michael.a.gautrea.nfg@army.mil

ACE Solar Project Experience

ACE’s team history is best exemplified by the numerous successful projects they have undertaken and completed over the last several years. Our deep and unique set of strategic supply-side partnerships with solar manufacturers has enabled us to perform at significant cost and delivery advantages. As the projects set forth below demonstrate, our well-recognized expertise in specifying and acquiring customized equipment solutions results in the most efficient and durable PV arrays.

Project Name & Location	Type of System	Size of System	Year Completed
Merrimack County – Boscawen, NH	Ground Mount	4.8 MW	Pre Construction
Solamerica - Marshfield Maine	Ground Mount	2.4 MW	Pre Construction
Agilitas-Auburn GM - Auburn, MA	Ground Mount	6.5 MW	2021
Agilitas-Auburn GM - Auburn, MA	BESS	3.6 MW	2021
Agilitas – Ocean State – Pascoag, RI	BESS	3 MW	2022
Agilitas - Middleboro Rd. - Rochester, MA	Ground Mount	9.6 MW	2022
Agilitas - Middleboro Rd. - Rochester, MA	BESS	4.5 MW	2022
Agilitas – Frankland Road	Ground Mount	5.75 MW	2023
Agilitas – Frankland Road	BESS	3 MW	2023
Agilitas – Beaman Road	Ground Mount	9.0 MW	Pre Construction
BlackStone GM - Blackstone, MA	Ground Mount	6.3 MW	2021
BlackStone GM - Blackstone, MA	BESS	3 MW	2021
Kearsarge – Beverly, MA	BESS	6.4 MW	2022
Pinegate Tremont - Carver, MA	Canopy PV	5 MW	2022
Pinegate Tremont - Carver, MA	BESS	23.5 MWh	2022
Pinegate Rochester - Carver, MA	Canopy PV	2.55 MW	2022
Pinegate Rochester - Carver, MA	BESS	12 MWh	2022
Three Rivers - Hancock, ME	Engineering-Only	145 MW	2022
Alden Ct - Fairhaven, MA	Rooftop & Canopy PV	599 kW	2021
1600 Osgood - North Andover, MA	Ground Mount	4.7 MW	2021
Target Seekonk - Seekonk, MA	Rooftop PV	717.8 kW	2019
West Brookfield, MA	Ground Mount	6.5 MW	2020
BJ’s Hudson - Hudson, MA	Rooftop PV	1.1 MW	2020
BJ’s Dedham - Dedham, MA	Rooftop PV	1.1 MW	2021
BJ’s Quincy	Rooftop PV	434.5 kW	2020
BJ’s Medford	Rooftop PV	739 kW	2020
BJ’s Plymouth	Rooftop PV	925 kW	2019
Arlin Manufacturing Lowell, MA	Rooftop PV	231.6 kW	2019
Crusader Paper N. Andover, MA	Rooftop PV	250 kW	2019
Toner Plastic	Rooftop PV	673 kW	2020
McClellan Highway, Boston, MA	Rooftop PV	496 kW	2017
MIG Group Acton, MA	Rooftop PV	78.8 kW	2018
Athol Greenfield, Athol, MA	Ground Mount PV Fixed	422 kW	2018



ACE SOLAR

Alliance Clean Energy

16 High Street
North Andover, MA 01845
800-223-1462

Cohasset Landfill, Cohasset, MA	Ground Mount PV Fixed	514 kW	2017
CVEC, Fire Station, Oak Bluffs, MA	Rooftop PV	118 kW	2019
CVEC, Veterans Memorial Community Center, Provincetown, MA	Rooftop PV	327 kW	2019
CVEC, Eastham Library, Eastham, MA	Rooftop PV	116 kW	2019
CVEC, Water Treatment Plant, Provincetown, MA	Rooftop PV	86 kW	2019
CVEC, Fire Station, Chatham, MA	Rooftop PV	97 kW	2019
CVEC, Fire Station #1, Yarmouth, MA	Rooftop PV	67 kW	2019
CVEC, Fire Station #3, Yarmouth, MA	Rooftop PV	137 kW	2019
Riverwalk Properties, Lawrence, MA	Rooftop PV	1.13 MW	2019
Bayside Agricultural, Wareham, MA	Canopy PV	11 kW	2019
Watertown Ironworks, Woburn, MA	Rooftop PV	62.1 kW	2019
Comm Financial – Waltham, MA	Canopy PV	597.2 kW	2018
Lowell Catholic – Lowell, MA	Rooftop PV	398.8 kW	2018
Swansea Water District – Swansea, MA	Rooftop PV	1496.9 kW	2018
2000 Washington St – Roxbury, MA	Rooftop PV	241 kW	2019
Kenyon – Hope Valley, RI	Ground Mount PV Fixed	246.5 kW	2019
Hawkins – Hopkinton, RI	Ground Mount PV Fixed	246.5 kW	2020
485 Church - RI	Ground Mount PV	249.6 kW	2021
Inland Management – Williamstown, MA	Ground Mount PV Fixed	105 kW	2018
Barlow Millwork – Hampstead, NH	Rooftop PV	207.7 kW	2017
Paradise Farm – Williamstown, MA	Ground Mount PV Fixed	113 kW	2018
Astero Management – Westborough, MA	Rooftop PV	170 kW	2019
Boxford Landfill – Boxford, MA	Capped Landfill PV	980 kW	2017
Osgood Landing – North Andover, MA	Rooftop & Ground Mount PV	4.7 MW	2017
Mass Ave/Discovery Bay – North Andover, MA	Rooftop PV	86.9 kW	2017
Washington St Apts. – Methuen, MA	Rooftop PV	99.4 kW	2017
Palmer Circle GM – Hopkinton, RI	Ground Mount PV Fixed	1162 kW	2018
OSP Foster – Foster, RI	Ground Mount PV Fixed	1209 kW	2018
OSP Hop – Hopkinton, MA	Ground Mount PV Fixed	1261 kW	2018
OSP – Westminster, MA	Ground Mount PV Fixed	1148 kW	2018
Portsmouth Solar – Portsmouth, RI	Ground Mount PV Fixed	1269 kW	2018
RW Moore – Orange, MA	Ground Mount PV Fixed	1393 kW	2018
West River GM – Orange, MA	Ground Mount PV Fixed	1264 kW	2018
Arsenal Yard - Watertown, MA	Rooftop & Canopy PV	1100.88 kW	2021
Town of Chester - Chester, MA	Rooftop PV	36.36 kW	2020



ACERESI-01

SRUSCAK

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/29/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Michaud, Rowe & Ruscak Insurance Associates 163 Main Street North Andover, MA 01845	CONTACT NAME: House - FSI>MRR Michaud, Rowe, Ruscak PHONE (A/C, No, Ext): _____ FAX (A/C, No): _____ E-MAIL ADDRESS: none@acrisure.com
INSURER(S) AFFORDING COVERAGE	
INSURED	INSURER A: Gotham Insurance Company
Ace Residential Solar LLC Alliance Clean Energy Inc. Pro Star Energy LLC 16 High St Ste 300 North Andover, MA 01845	INSURER B: MAPFRE Insurance Company
	INSURER C: National Casualty Company
	INSURER D:
	INSURER E:
	INSURER F:

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			GL202300016219	6/15/2023	6/15/2024	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPIOP AGG \$ 2,000,000
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			L11144	6/28/2023	6/28/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0			EX202300003591	6/15/2023	6/15/2024	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WCC334740A	4/20/2023	4/20/2024	<input checked="" type="checkbox"/> PER STATUTE <input checked="" type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Professional			GL202300016219	6/15/2023	6/15/2024	Each Act \$ 1,000,000
A	Pollution			GL202300016219	6/15/2023	6/15/2024	Each Event \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Solar Energy Contractor

CERTIFICATE HOLDER**CANCELLATION**

Sample for bidding purposes

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



AUTHORIZATION TO RELEASE INFORMATION

The undersigned hereby authorizes the Town of Barrington to obtain information regarding its performance on other contracts, agreements or other business arrangements, its business reputation, and any other matters pertinent to the evaluation and selection of a successful proposer in response to its Request for a Barrington Town Hall Municipal Photovoltaic Installation.

The undersigned hereby releases, acquits, and forever discharges the Town of Barrington, its Administrators, employees, governing Board members, and agents from any and all liability whatsoever, including all claims, demands and causes of action of every nature and kind affecting the undersigned that it may have or ever claim to have relating to information, data, opinions, and references obtained by the Town of Barrington in the evaluation and selection of a successful proposer in response to its Request for a Barrington Town Hall Municipal Photovoltaic Installation.

The undersigned hereby authorizes representatives of the Town of Barrington to contact any and all of the persons, entities, and references that are, directly or indirectly, listed submitted, or referenced in the undersigned's proposal submitted in response to its Request for a Barrington Town Hall Municipal Photovoltaic Installation.

The undersigned further authorizes any and all persons or entities to provide information, data, and opinions with regard to the undersigned's performance under any contract, agreement, or other business arrangement, the undersigned's ability to perform, the undersigned's business reputation, and any other matter pertinent to the evaluation of the undersigned. The undersigned hereby releases, acquits, and forever discharges any such person or entity, their officers, directors, employees and agents from any and all liability whatsoever, including all claims, demands and causes of action of every nature and kind affecting the undersigned that may have or ever claim to have relating to the evaluation and selection of a successful proposer in response to its Request for a Barrington Town Hall Municipal Photovoltaic Installation.

A photocopy of this signed Authorization is as valid as the original.



Signature

Feb 1, 2024

Date

Alliance Clean Energy, Inc.

Company

Eric Mclean

Name

Director of
Title Operations