



Board of Selectmen  
Meeting Packet  
April 6, 2021

Change Order Form

EP Project Number: **134-2002**

Contract Number: **DPW 2020-02**

Change Order Number: **02**

Contract Amount (As Bid and Change Order 01): **\$500,250.00**

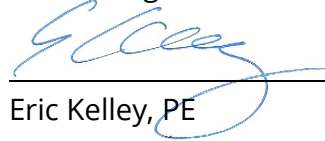
Net Change in Contract Price (This Change Order): **\$99,800.00**

Total Adjusted Contract Price (Including this Change Order): **\$600,050.00**

This Change Order extends the time to complete the work: **31 Calendar Days**

The current completion date is: **July 31, 2021**

This Change Order checked by:

  
Eric Kelley, PE

March 30, 2021

Date

This Change Order is recommended by:



Maurice Goulet, Public Works Director

April 2, 2021

Date

**The undersigned agree to the terms of the Change Order:**



March 30, 2021

**Environmental Partners Group, Inc. (Designer)**

**Date**

Town of Medfield

Date

**Certification of Appropriation under M.G.L. c.44, s.31C: Adequate funding in an amount sufficient to cover the total cost of this Change Order is available.**

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**Town of Medfield**

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**Date**

Change Order Form (continued)

Public Entity: **Town of Medfield, Department of Public Works (Water Division)**

Project Number: **134-2002**

Contract Number: **DPW 2020-02**

Change Order Number: **02**

Contract Title: **Final Design for Water Treatment Facility**

Owner's Name: **Town of Medfield**

Owner's Address: **459 Main Street, Medfield MA 01742**

Contractor's Name: **Environmental Partners Group, Inc.**

Contractor's Address: **1900 Crown Colony Drive, Suite 402, Quincy, MA 02169**

Description of Change:

**Furnish supplemental engineering services in connection with the design and permitting of a new water treatment facility at Wells 3 and 4 including fire protection design, archeological investigations, bidding/OPM assistance, and risk resiliency assessment.**

Reason for Change:

1. Environmental Partners Group (EP) was retained to perform professional design/engineering and planning services for the design of a treatment (filtration) plant for Wells 3 and 4, excluding fire protection. The Town sought but was not granted a fire suppression system waiver; and therefore the design of a water treatment plant building fire protection sprinkler system was required for the project to meet building code requirements.

2. The Massachusetts Historical Commission (MHC) reviewed the Project Notification Form (PNF) and Environmental Notification Form (ENF) prepared for the project and requested that an intensive (locational) archaeological survey be conducted for archaeologically sensitive portions of the project. The MHC noted that multiple ancient Native American archaeological sites have been recorded in proximity to the project impact area, and that local environmental and wetland resources are favorable for ancient and historic period archaeological sites. EP contracted with Public Archaeology Laboratory (PAL) to complete MHC permitting; historical and archival research review; field investigations; laboratory processing and analyses; and report preparation. The preliminary findings from the intensive survey recommend follow-up site examination to establish the contents and extent of the archaeological site and evaluate its significance. The site examination includes an additional 7 days of fieldwork for PAL. The findings and recommendations of the site examination will be prepared by PAL in a technical report that is required to be submitted to MHC. The timeline for MHC's review of the intensive survey and site examination reports will be determined by MHC. It is assumed that the MHC review process would be substantially complete in July 2021.
3. EP was retained to perform professional design/engineering and planning services for the design of a treatment (filtration) plant for Wells 3 and 4, excluding bidding assistance and Owner's Project Manager (OPM) coordination. This task includes the following:
  - Coordinate and complete public bidding advertising requirements for one contract in accordance with M.G.L. Chapter 149.
  - Obtain State Wage Rates for the construction work.
  - Coordinate and complete advertising requirements. (COMMBUYS ad to be placed by the Town procurement officer).
  - Prepare, copy, and distribute public bid documents (through an online project hosting site).
  - Coordinate the bidding process including preparation of addenda and responding to questions from prospective bidders.
  - Attendance at the pre-bid meeting.
  - Review and evaluate the public bids to identify lowest responsible and eligible general bidder and filed sub-bidders. This shall include a review of references.
  - Assist with the approval and award of a construction contract with the lowest responsible and eligible general bidder.
  - Two meetings with the Town's OPM to review the Contract Documents.
  - Written response to OPM review comments, and update of the Contract Documents per agreed upon changes between EP and OPM.

4. Under Section 2013 of America's Water Infrastructure Act (AWIA) of 2018, the United States Environmental Protection Agency (USEPA) requires all community water systems that serve more than 3,300 customers to complete a risk resilience assessment (RRA) and develop or update their emergency response plan (ERP). Per the requirements of the AWIA, the Town must complete the RRA by June 30, 2021 and update its ERP by December 31, 2021. To meet the EPA's requirements, EP will complete the following tasks for the RRA:
  - Evaluate the risk of the water system from malevolent acts and natural hazards.
  - Determine the resilience of all water system components including source water, treatment, storage, distribution, electrical, computer systems, communication (i.e., SCADA, telemetry, telephones, etc.), and automated systems and security.
  - Assess monitoring practices of the system.
  - Document financial infrastructure and confirm its security.
  - Evaluate the use, storage, handling and security of chemicals used by the Town and its employees.
  - Assess the operation and maintenance practices of the Town and its employees.
  - Prepare and submit the draft RRA report to the Town.
  - Revise the draft report with the Town's comments.
  - Assist the Town in certifying the final RRA report.

EP will focus on the high-criticality assets such as the Town's well supplies, treatment plant, and storage tanks. We will develop a threat-asset matrix for physical assets and non-physical assets, and then evaluate the resiliency of the Town's facilities and infrastructure. With input from the Town, EP will rank each threat-asset pair, assess potential risk, and then recommend necessary counter measures to alleviate the Town's exposure to risk. Because of EP's familiarity with the water system, the scope of services for the RRA does not include site visits. EP assumes all meetings will be held virtually or via teleconference.

Costs for Change:

**Lump Sum, not to exceed \$99,800.00 (Task 1 - \$7,500; Task 2 - \$32,300; Task 3 - \$44,600; Task 4 - \$15,000) for completing the additional engineering services for fire protection design, archeological investigations, bidding/OPM assistance, and risk resiliency assessment.**





**TOWN OF MEDFIELD**  
Public Works Department

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**SEWER SYSTEM EVALUATIONS IN YOUR AREA**  
**EASEMENT SEWER WORK AND NIGHT GAUGING – APRIL 2021**

**WHAT:** Measure flows in the Town’s sanitary sewer system to detect extraneous water that may be entering the system. Extraneous flows may be from improper stormwater drainage system connections or from groundwater entering through cracks in the pipes. Work will follow the State and Local COVID-19 Guidelines.

**WHERE:** Daytime and nighttime sewer work will be conducted on your street and within Town sewer easements (potentially located behind your residence). No entry into your residence will be required. Additional information, including a map of where work will take place, is on the DPW page on the Town website.

**WHEN:** Field crews will be on your street and the surrounding sewer easements (i.e., potentially behind your residence) within the next three days to locate and flag sewer manholes during the hours of 7:00 AM and 4:00 PM. Approximately one-to-two weeks following the flagging work, field crews will perform nighttime flow measurements. The hours for nighttime flow measurements are between 12:00 AM and 6:00 AM. Nighttime work is critical to accurately record flows during a period of reduced activity by residents and businesses. This work is weather dependent, and the schedule may change slightly should heavy rain occur.

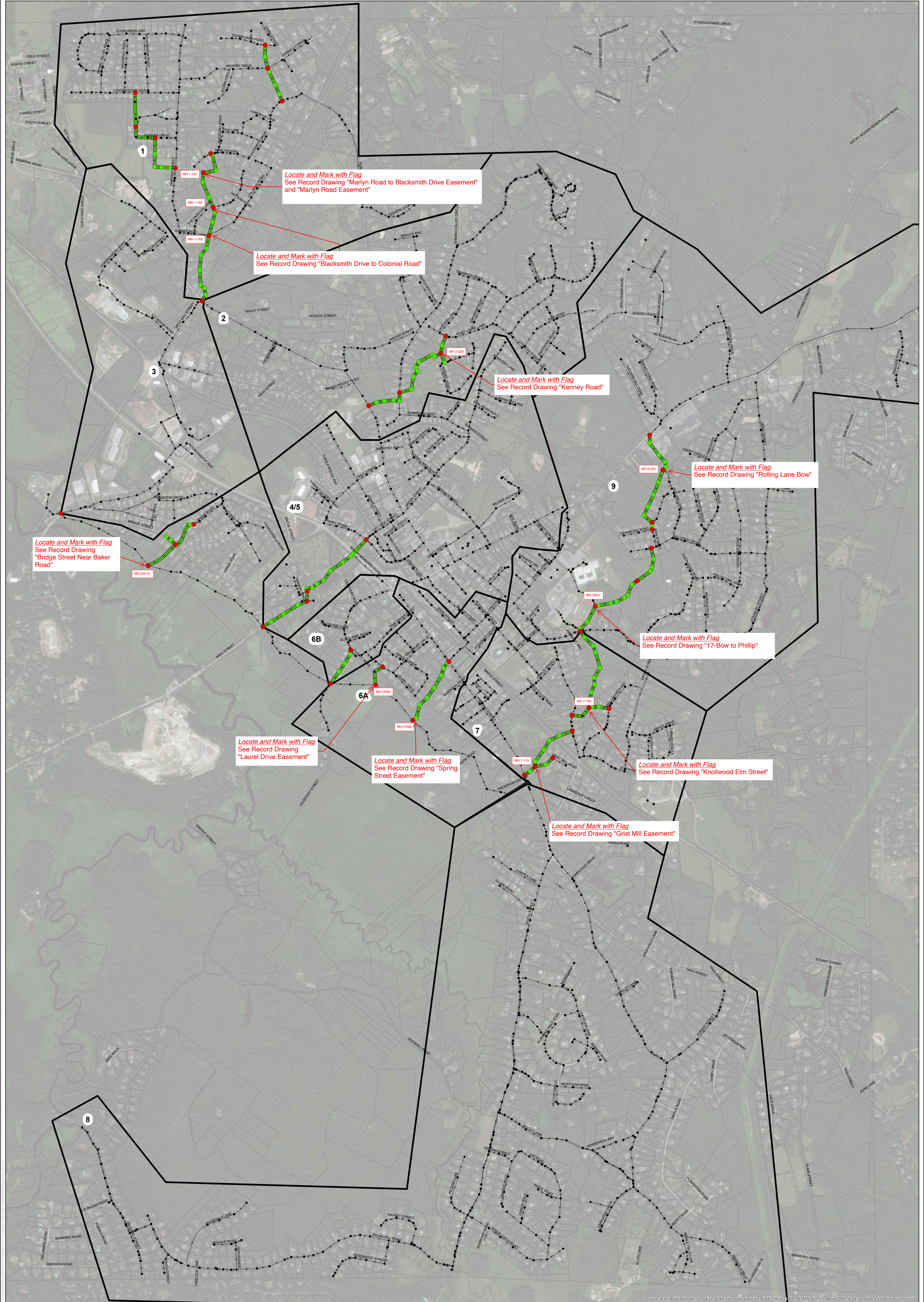
**WHY:** This project is part of the Town’s long-term efforts to identify extraneous water within the sanitary sewer system. These connections can add unnecessary flow to the sanitary sewer system resulting in additional wastewater treatment costs and water pollution.

**WHO:** EST Associates, Inc. (Contractor) will be in your area with company vehicles and yellow safety vests. The Medfield Police Department will be notified of all night work locations. A Medfield DPW representative will also be on site with EST during the nighttime investigations.

**Impact on Area:** There will be no disruption to your sewer service during these tests. The field crew may need access to your backyard during the daytime and nighttime inspection efforts to locate sanitary sewer manholes and should not be cause for alarm.

**Contacts:** If you have any special needs, deliveries, concerns, or questions, contact:  
**EST Associates at 781-455-0003 or the Department of Public Works at (508) 906-3004**  
**Please check the Department of Public Works website for additional information.**





Infiltration Investigations

Town of Medfield, MA

Legend

Night Gauging Access Manholes

Proposed Manhole Inspections

Sewer MH

Sewer Main

Proposed CCTV

Subarea Boundary

Town Parcels

0

225

450

900

Feet

N

WOODARD & CURRAN

Project #: 0232330.01

Map Created: February 2021

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the user's sole risk. Data Sources:









April 1, 2021

Dear Selectmen:

We understand you will be considering the Transfer Station Sticker fee for July 2021 to June 2023 at your meeting on Tuesday, April 6th.

We thought it would be helpful to share the perspective of the Transfer Station and Recycling Committee that was determined at our meeting on January 11, 2021.

The TSARC has considered the price of the Transfer Station Permit/Sticker for the next 2 years beginning July, 2021. As you know the current fee is \$100 for 2 years with each additional sticker for another household car being \$25.

We believe that we could make a compelling case to increase the fee to something much higher. Certainly the value received is greater than \$1/week. But at this time of financial concern for our community, we are recommending that we move ahead with only a modest increase.

We would be reluctant to not have any increase at all as costs do increase. To do nothing would only leave the fee farther behind.

We recommend that the fee be increased 10% to \$110/two years and \$30/car for additional stickers.

Sincerely,

Andrea Costello Co-Chair TSARC

Cheryl Dunlea Co-Chair TSARC









## **TOWN OF MEDFIELD, MASSACHUSETTS**

Proposal for Independent Audit Services  
For the Years Ending June 30, 2021 – 2023

**Submission Date:**  
February 28, 2021

**Contact:**  
Scott McIntire, CPA  
Principal  
Melanson  
978-749-0005  
[melansoncpas.com](http://melansoncpas.com)





February 28, 2021

Ms. Joy A. Ricciuto, Town Accountant  
Attention: Town of Medfield Audit Services Proposal  
Town of Medfield  
459 Main Street  
Medfield, MA 02052

Dear Ms. Ricciuto:

We are pleased to present our proposal to perform audit services for the Town of Medfield, Massachusetts.

Melanson specializes in performing audit and consulting services for Massachusetts cities, towns, districts, and counties. We currently perform audit services to over 200 local governments, many similar in size and complexity to the Town of Medfield.

We offer our 40-year working knowledge of governmental organizations to the Town of Medfield. As your auditors, you will have access to unparalleled professional services and responsiveness. We take pride in being on the cutting-edge of the accounting and auditing profession, and will keep you apprised of the ever-changing accounting and reporting guidelines that affect governmental organizations.

#### **Municipal Audit Experience and Audit Firm Transition**

We have been auditing Massachusetts municipalities for over 40 years and currently provide audit services to over 100 Massachusetts governments annually. Governmental audit principals in the firm average more than 20 years of governmental audit experience. We will provide the Town of Medfield with a “fresh set of eyes”. We will dedicate a substantial amount of time to the planning and preliminary phases of the audit to enable a smooth transition in audit firms and to make certain that appropriate Town management personnel are involved in the process.

#### **Principal Participation and Experienced Staff**

A major advantage of hiring our firm is the high level of principal participation. Scott McIntire, CPA, and Jennifer Reddington, CPA, will personally manage the engagement. Jennifer and her team have performed Massachusetts audits for many years and have a reputation for providing their clients with the resources and technical assistance to upgrade and improve their accounting and

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Merrimack, New Hampshire  
Andover, Massachusetts  
Greenfield, Massachusetts  
Ellsworth, Maine

800.282.2440 | [melansoncpas.com](http://melansoncpas.com)





internal controls procedures. Resumes, professional experience, qualifications, education and individual roles can be found starting on page 10.

### **Quality Recommendations**

During the course of our audit, if we identify weaknesses in the Town of Medfield's internal control, or areas that are not operating efficiently, we will immediately offer recommendations for improvement. Our goal is to help the Town ensure that its accounting records and controls are operating effectively. All proposed audit adjustments and recommendations will be discussed and explained. We will also provide you with examples of the "best of the best" accounting and administrative policies and procedures that we have accumulated from other municipalities, in an effort to help you upgrade your controls and procedures, as needed.

### **Availability**

We are always available on a year-round basis by phone or email to answer your questions, and will do our best to return phone calls/emails within 24 hours.

### **Proposed Fees**

Our fees are based on the amount of time required at various levels of responsibility, plus actual out-of-pocket expenses. Invoices will be rendered monthly and are payable upon presentation. Our fees to perform the June 30, 2021, 2022, and 2023 audits of the Town of Medfield will be \$31,500, \$32,000, and \$32,500, respectively, including the single audit of one federal program. If additional programs are required, they will be assessed at a fee of \$4,500 per program.

We will also be available to perform the End-of-Year report audit for a fee of \$5,000.

We look forward to establishing a professional relationship with the Town of Medfield. This proposal remains firm for 90 days. If you have any questions regarding this proposal, please call.

Sincerely,

Scott McIntire, CPA  
Principal  
smcintire@melansoncpas.com





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## PROFESSIONAL EXPERIENCE

### Our Firm

Melanson is one of the largest non-national CPA firms in New England, specializing in governmental, nonprofit, and commercial auditing. We have been rated as one of the top firms in New England from 2013 through 2019, and are the 11th Fastest Growing Firm in the US in the 2019 issue of Accounting Today. In addition, we also provide accounting, tax, fraud, forensic, and advisory services. We currently have 15 principals, 18 managers, and over 90 staff, with offices in Merrimack, New Hampshire; Andover and Greenfield, Massachusetts; and Ellsworth, Maine. We have built our firm over the last 42 years by providing attentive and proactive service to our clients, and by delivering those services in an effective and efficient manner. We provide a team of dedicated professionals and strategic alliances focused on client service. Our goal is to become your partner in business, as well as provide timely and helpful services to you.

### Governmental Services Department

Our Governmental Services Department includes 5 principals and a staff of 60 that work exclusively on governmental audits, which provides us with the capacity and depth not only to audit your organization, but also to lend our expertise as a resource. Our 5 governmental principals average over 20 years of auditing experience and their own particular area of expertise including: preparation of Comprehensive Annual Financial Reports (CAFRs), risk assessment, Governmental Accounting Standards Board (GASB) pronouncements, federal financial aid auditing, and Office of Management and Budget (OMB) single audit compliance. Our expertise in these various disciplines means that we are uniquely qualified to perform the services that you need.

Our firm's continued success and growth in the governmental services area is the result of closely monitoring the following specific goals and objectives that have been implemented by our Governmental Services Department over the last 40 years:

- Provide a high level of officer participation and supervision in all audits.
- Provide for officer and staff availability to our clients throughout the year.
- Provide technical expertise unsurpassed in the industry.
- Provide highly experienced staff that thoroughly understands the uniqueness of governmental accounting and auditing.
- Develop procedures to provide quality audit services in an efficient and cost-effective manner.
- Provide quality recommendations and training to our clients to simplify and improve their accounting records and internal controls.
- Provide a timely service and minimize disruptions to clients' staff.





- Implement internal quality control steps to ensure our work product meets the highest standards of quality and accuracy.

We have stayed focused on implementing these goals over the years, which has resulted in our current leadership role in the governmental arena.

### **Project Management**

We stress proper planning in all of our engagements. Once awarded the engagement, we will immediately begin to work with you to specifically determine goals and objectives that will ensure a successful and timely audit. Together we will prioritize and develop a timeline with clear and concise milestones and deadlines. We will obtain an in-depth understanding of audit risks specific to your organization. With proper planning, issues will be identified early in the audit process which will contribute to the efficiency and timeliness of the audit.

During our interim fieldwork, we will assess your entity-level controls and control activities; we will test the effectiveness of controls and perform walk-throughs of important transactional cycles as part of the risk assessment process in accordance with the most recent auditing standards. We will pay particular attention to areas that we consider to be high audit risks in controls over financial reporting. Lastly, we will identify issues that need clarification or additional research as early as possible to facilitate the organized and timely performance of the audit and reporting processes.

### **Risk-Based Audit Approach**

At Melanson, we utilize a risk-based audit process, developed from the latest risk assessment standards. This risk-based methodology was created by auditors, for auditors, and has passed the American Institute of Certified Public Accountants (AICPA) Peer Review. This methodology helps our auditors plan and produce higher-quality audits that both minimize compliance risk and maximize effectiveness and efficiency and focuses on changes in risk from the prior year to help ensure that we are neither under-auditing nor over-auditing.



### Experienced Staff

The members of our team have extensive governmental experience in financial audit, accounting, and federal compliance issues. Principals and managers in our firm typically have in excess of 15 years of audit, accounting, and compliance experience. Our audit staff averages over 5 years of full-time audit and consulting experience. We have very low turnover of personnel, which means that you will generally be assigned the same audit personnel each year, without having to “re-train” new auditors. The principals and senior management of your audit team will be closely involved in your audit to ensure that you get the answers you need, when you need them, and to facilitate continuity of service.

### Licensing and Independence

Melanson meets all licensing requirements in the state of Massachusetts. There have never been any disciplinary actions or complaints leveled by the state board of accountancy or other regulatory authority. All staff are in compliance with the Independence standards of the GAO and are independent of the Town of Medfield.

### Quality Control System

We have developed a very detailed quality control system within our firm to deliver our services at the highest level. All work is closely supervised. For more than 30 years, we have undergone





rigorous peer reviews that have resulted in the highest level of compliance. All of our peer reviews, including our most recent (see page 15), concluded with our receiving the best rating possible. This process furthers our efforts to provide the highest level of quality to our audits.

### **Management Letters**

We view management letters as not only a requirement of auditing standards, but also as a mechanism to communicate ways to improve controls and efficiencies over financial systems and reporting. We encourage management to include responses to our comments in the final management letter document.

### **Technical Resources**

Melanson has been a leader in the accounting and auditing profession for over 40 years. We are proactive when new accounting and auditing standards are published, and as such, we implement many standards in advance of the required date. When new accounting and audit pronouncements are introduced, our firm leads the way in working with clients by guiding them through their implementation of the sometimes-complex issues.

### **Uniform Municipal Accounting System (UMAS) Course**

The firm also provides governmental accounting training programs free of charge to our clients, including our three-day Uniform Municipal Accounting System (UMAS) accounting course. The course has been offered annually for over 25 years and has been attended by hundreds of Massachusetts government employees. Topics of the course include: Fund Accounting, Chart of Accounts, Recording Transactions, Reporting Requirements, Statutory Responsibilities, Budget Process, Forms, Entries, and more.

### **Involvement in Professional Organizations**

In order to keep abreast with the ever-changing accounting and auditing pronouncements, and other timely issues, we maintain an active role in the following professional organizations:

- American Institute of CPAs (AICPA)
- AICPA Government Audit Quality Center
- AICPA G400 Group (largest 500 CPA firms in USA)
- AICPA Private Companies Practice Section (PCPS)
- Massachusetts Society of Certified Public Accountants (MSCPA)
- Massachusetts Auditors and Accountants Association
- Massachusetts Government Finance Officers Association
- Government Finance Officers Association



### **Paperless Technology**

Melanson employs advanced technology to organize, store, protect, and communicate data to and from our clients. We employ accounting-specific applications that allow us to organize and track all audit data in an electronic (i.e., “paperless”) environment. All of the data we store and utilize is backed up on a specific schedule that includes additional “offsite” secure storage for disaster recovery purposes.

Our audit staff utilizes laptop computers and paperless audit engagement software to maximize engagement efficiencies. Much of the information we request from you will be transmitted to us electronically through our secure portal.

### **Security of Data**

All computers that are utilized outside our offices have encrypted hard drives to prevent unauthorized access in case of theft. All remote connectivity used by Melanson employees is encrypted. Furthermore, Melanson has the ability to send emails that contain sensitive data in an encrypted format. Finally, we employ a secure web-based portal that allows for the secure transfer of data between our offices and our clients.

### **Services to Governmental Organizations**

#### **Accounting, Audit, and Financial Reporting**

Melanson has been performing audits of governmental organizations since 1974. These audits range in size from complex, multi-tiered organizations to small governmental organizations with few staff.

#### **Single Audits/Uniform Guidance Compliance Audits**

Certain entities may fall under Federal OMB guidelines that require a single audit to be performed with respect to federal programs, depending on the level of federal dollars spent. We complete hundreds of single audits annually and consider ourselves leaders in this area.





## THE AUDIT TEAM

### Team Qualifications

The audit team prides itself on providing a personal approach to a professional relationship.

At Melanson, we strive to maintain audit team continuity on our audit engagements because it allows the audit to run more smoothly and efficiently from year to year. Because we maintain the same staff, this allows for better communication and teamwork between your organization and the auditor.

In addition to the following audit team members, there will also be several staff accountants assigned to the engagement. These individuals work exclusively with the audit team and will be re-assigned to the engagement in subsequent years. Staff accountants are fully supervised at all times during fieldwork.



**Scott C. McIntire, CPA**  
**Principal**

Scott McIntire is a principal of Melanson's Governmental Services Department and has been with the firm since 1988. He is a Certified Public Accountant.

Scott has nearly 30 years of governmental accounting and auditing experience and manages over 40 audits annually, including several municipal and international airports. He prepares 11 Comprehensive Annual Financial Reports (CAFRs) annually and evaluates CAFRs throughout the country as a member of the Government Finance Officers Association's Special Review Committee.

**Education:**

Bachelor of Science, Accounting  
Plymouth State University

**Professional Memberships:**

- American Institute of Certified Public Accountants (AICPA)
- MA Government Finance Officers Association
- MA Municipal Accountants and Auditors Association
- NESGFOA Special review Committee for CAFRs
- NH Government Finance Officers Association

**Speaking Engagements & Seminars:**

- Attends AICPA Governmental Auditing Conference
- Speaker at various Governmental Accounting organizations and municipal consulting services

**Participation in the Town of Medfield Audit**

Scott will be the engagement principal for the Town of Medfield audit.





**Frank R. Biron, CPA**  
**Principal**

Frank R. Biron, CPA, is the Quality Control Principal at Melanson and a Certified Public Accountant licensed in New Hampshire, Massachusetts, and Vermont.

Frank has almost 40 years of governmental accounting and auditing experience. He is officer-in-charge of over 40 of our 150 government audits and is responsible for our Governmental Services quality control. He received the AICPA Certificate of Educational Achievement in Governmental Accounting and Auditing.

**Participation in the Town of Medfield Audit**

Frank will serve as the Quality Control Principal. In this role, he will be responsible for reviewing all statements and reports.

**Education:**

Bachelor of Science,  
Accounting  
Southern NH University

**Professional Memberships:**

- American Institute of Certified Public Accountants (AICPA)
- MA Society of CPAs
- NH Society of CPAs
- New England Government Finance Officers Association

**Speaking Engagements & Seminars:**

- Instructs the firm's annual governmental (UMAS) accounting course
- Speaker at various governmental organizations
- Only CPA providing GASB 67/68 implementation consulting assistance to PERAC



**Jennifer Reddington, CPA**  
**Audit Manager**

Jennifer Reddington, CPA is an Audit Manager in the Governmental Services Department of Melanson and has been with the firm since 2005. She is a Certified Public Accountant licensed in New Hampshire and Massachusetts. Since joining the firm, Jennifer has worked on governmental financial statement audits, Uniform Guidance single audits, forensic audits and other special projects. Her experience has focused on audit services for numerous municipalities, and is currently responsible for supervising over 15 government audits annually.

**Participation in the Town of Medfield Audit**

Jennifer will serve as an Audit Manager in the Town of Medfield audit. Jennifer will be a key contact person and will be responsible for planning, scheduling, coordinating, and managing the audit.

**Education:**

Bachelor of Science,  
Accounting  
Southern NH University

**Professional Memberships:**

- American Institute of Certified Public Accountants (AICPA)
- NH Society of Certified Public Accountants
- NH Governmental Finance Office
- MA Society of Certified Public Accountants

**Speaking Engagements & Seminars:**

- Instructor in the annual firm-sponsored UMAS government accounting training class
- Speaker at various governmental organizations





**Kelly Beyer**  
**Audit Supervisor**

Kelly Beyer is an Audit Supervisor in the Governmental Services Department of Melanson and has been with the firm since 2013. Since joining the firm, Kelly has worked on governmental financial statement audits, Uniform Guidance single audits, school system end-of-year reports, and other special projects. Her experience has focused on audit services for numerous municipalities, and is currently participating in over 15 government audits annually.

**Participation in the Town of Medfield Audit**

Kelly will serve as a Supervisor the Town of Medfield audit.

**Education:**

Bachelor of Science in  
Business Management with  
concentrations in Accounting  
and Finance  
Westfield State University  
Master of Science in  
Accountancy  
Westfield State University

**Professional Memberships:**

- American Institute of  
Certified Public Accountants
- Massachusetts Society of  
Certified Public Accountants

**Education:**

Bachelor of Science in  
Accounting  
Southern New Hampshire  
University

**Jeremy Healy**  
**Senior Accountant**

Jeremy Healy is a Senior Accountant in the Governmental Services Department at Melanson and has been with the firm since June 2018. He is currently working on his certification as a Certified Public Accountant. Since joining the firm, Jeremy has worked on governmental financial statement audits, Uniform Guidance single audits, and other special projects. His experience has focused on audit services for numerous municipalities and is currently participating in over 10 government audits annually.

**Participation in the Town of Medfield Audit**

Jeremy will serve as a staff accountant in the Town of Medfield audit.





## REFERENCES

Listed below are the names of individuals from cities we have audited and provided consulting services for. We are proud of our reputation and invite you to discuss our qualifications with them.

### **Town of Medway, Massachusetts**

Ms. Carol Pratt, Finance Director  
508-533-3202

### **Town of Millis, Massachusetts**

Ms. Carol Johnston, Finance Director  
508-376-7039

### **Town of Sharon, Massachusetts**

Mr. Krishan Gupta, Finance Director  
781-784-1500

### **Town of Norwood, Massachusetts**

Mr. Thomas McQuaid, Finance Director  
781-762-1240

## PEER REVIEW

Every three years Melanson undergoes an in-depth peer review process, which includes an evaluation of our audit quality control system and review of sample governmental audit work papers and financial statements. The results of our peer reviews have always resulted in a “clean opinion” with no exceptions. This is the best result possible from a peer review.

Our most recent peer review report is presented on the following page.



## TELLING & HILLMAN, P.C.

ACCOUNTANTS • AUDITORS  
5 PARK STREET — MIDDLEBURY, VT 05753

PHONE: (802) 388-3311  
WEB: WWW.TELLING.INFO

### Report on the Firm's System of Quality Control

July 13, 2018

To the Owners of Melanson Heath  
and the Peer Review Committee of New England Peer Review Inc.

We have reviewed the system of quality control for the accounting and auditing practice of Melanson Heath (the firm) in effect for the year ended March 31, 2018. Our peer review was conducted in accordance with the Standards for Performing and Reporting on Peer Reviews established by the Peer Review Board of the American Institute of Certified Public Accountants (Standards).

A summary of the nature, objectives, scope, limitations of, and the procedures performed in a System Review as described in the Standards may be found at [www.aicpa.org/prsummary](http://www.aicpa.org/prsummary). The summary also includes an explanation of how engagements identified as not performed or reported in conformity with applicable professional standards, if any, are evaluated by a peer reviewer to determine a peer review rating.

#### Firm's Responsibility

The firm is responsible for designing a system of quality control and complying with it to provide the firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. The firm is also responsible for evaluating actions to promptly remediate engagements deemed as not performed or reported in conformity with professional standards, when appropriate, and for remediating weaknesses in its system of quality control, if any.

#### Peer Reviewer's Responsibility

Our responsibility is to express an opinion on the design of the system of quality control and the firm's compliance therewith based on our review.

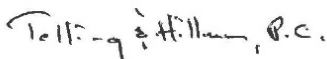
#### Required Selections and Considerations

Engagements selected for review included engagements performed under *Governmental Auditing Standards*, including compliance audit under the Single Audit Act; and audits of employee benefit plans.

As a part of our peer review, we considered reviews by regulatory entities as communicated by the firm, if applicable, in determining the nature and extent of our procedures.

#### Opinion

In our opinion, the system of quality control for the accounting and auditing practice of Melanson Heath in effect for the year ended March 31, 2018, has been suitably designed and complied with to provide the firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. Firms can receive a rating of *pass*, *pass with deficiency(ies)*, or *fail*. Melanson Heath has received a peer review rating of *pass*.



Telling & Hillman, P.C.



## APPENDIX

### Summary of Recent Government Audit Experience

#### Massachusetts

##### Counties:

Franklin Regional Council of Governments  
Hampshire Council of Governments  
Plymouth County

##### Cities:

City of Amesbury  
City of Everett  
City of Fitchburg  
Town of Greenfield (City Government)  
City of Holyoke  
City of Lawrence  
City of Leominster  
City of Lynn  
City of Medford  
Town of Methuen (City Government)  
City of Newburyport  
City of Quincy  
City of Revere  
City of Springfield  
Town of West Springfield (City Government)  
Town of Watertown (City Government)  
Town of Weymouth (City Government)

##### Towns:

Town of Amherst  
Town of Ashby  
Town of Ashland  
Town of Athol  
Town of Becket  
Town of Belmont  
Town of Bernardston  
Town of Blackstone  
Town of Blandford  
Town of Bourne  
Town of Boxford  
Town of Boylston

Town of Chelmsford  
Town of Cheshire  
Town of Chester  
Town of Concord  
Town of Danvers (CAFR)  
Town of Dartmouth  
Town of Douglas  
Town of Dover  
Town of Dracut  
Town of Easton  
Town of Egremont  
Town of Fairhaven  
Town of Framingham  
Town of Franklin  
Town of Great Barrington  
Town of Hadley  
Town of Hanover  
Town of Hardwick  
Town of Hinsdale  
Town of Holbrook  
Town of Hudson  
Town of Ipswich  
Town of Kingston  
Town of Lee  
Town of Lexington  
Town of Ludlow  
Town of Lunenburg  
Town of Lynnfield  
Town of Manchester-by-the Sea  
Town of Maynard  
Town of Medfield  
Town of Medway  
Town of Millis  
Town of Middleborough  
Town of Millbury  
Town of Montague  
Town of Monterey  
Town of Montgomery



Town of Needham  
Town of North Attleborough  
Town of Norwell  
Town of Norwood  
Town of Oak Bluffs  
Town of Randolph  
Town of Reading  
Town of Rowe  
Town of Rutland  
Town of Saugus  
Town of Sharon  
Town of Sheffield  
Town of Sherborn  
Town of Southampton  
Town of Southbridge  
Town of Stoneham  
Town of Sutton  
Town of Swansea  
Town of Templeton  
Town of Townsend  
Town of Uxbridge  
Town of Wayland  
Town of Webster  
Town of West Boylston  
Town of West Bridgewater  
Town of Westford  
Town of Weston  
Town of Whitman  
Town of Wilbraham  
Town of Williamsburg

#### School Districts:

Adams-Cheshire Regional School District  
Ashburnham-Westminster Regional School District  
Athol-Royalston Regional School District  
Ayer-Shirley Regional School District  
Cape Cod Regional Vocational Technical School  
Concord-Carlisle Regional School District  
Dighton Rehoboth Regional School District

Erving Regional School District  
Franklin County Technical School District  
Gill-Montague Regional School District  
Greater Lawrence Technical School  
Greater Lowell Regional Vocational Technical School District  
Groton-Dunstable Regional School District  
Hamilton-Wenham Regional School District  
Hawlemont Regional School District  
Minuteman Regional Vocational Technical High School  
Mohawk Trail Regional School District  
Montachusett Regional School District  
New Salem-Wendell Union School District  
North Middlesex Regional School District  
Old Rochester Regional School District  
Pathfinder Regional School District  
Southeastern Regional Vocational School District  
Wachusett Regional School District  
Whittier Regional Vocational Technical School District  
Electric Enterprise Divisions:  
Cohasset Water & Sewer  
Concord Municipal Light Plant  
Danvers Electric Division  
Littleton Electric & Water Department  
Norwood Electric Department  
Peabody Municipal Light Plant  
Reading Municipal Light Plant  
Wakefield Municipal Gas and Light Department  
Wakefield Municipal Cooperative Corporation  
Other Governmental Organizations:  
Bondsville Fire and Water District  
Bourne, MA Landfill  
CASE Collaborative  
Dedham-Westwood Water District  
Franklin-Hampshire Employment and Training Consortium  
Franklin Regional Retirement System



Lanesboro Village Fire & Water  
Lexington Housing Assistance Board  
Lynn Water & Sewer  
Martha's Vineyard Municipal Airport  
Merrimack Valley Nutrition Project  
Natick Water & Sewer  
Pioneer Valley Planning Commission  
Salem-Beverly Water Supply Board  
Springfield Redevelopment Authority  
Springfield Water and Sewer Commission  
(CAFR)  
Turners Falls Fire and Water District  
Wayland-Sudbury Septage Treatment Facility

### **New Hampshire**

#### **Counties/Districts:**

Berlin Water Works  
Contoocook Water District  
County of Belknap  
County of Coos  
County of Grafton  
County of Rockingham  
Emerald Lake Village District  
Grasmere Village District  
Ossipee Corner Light & Power  
Sullivan County  
Tilton-Northfield Fire District  
Tilton-Northfield Water District

#### **Cities:**

City of Claremont  
City of Concord (CAFR)  
City of Dover (CAFR)  
City of Keene  
City of Laconia  
City of Laconia Water Works  
City of Nashua (CAFR)  
City of Portsmouth (CAFR)  
City of Rochester  
City of Somersworth

#### **Towns:**

Town of Amherst  
Town of Bedford (CAFR)  
Town of Bristol  
Town of Canterbury  
Town of Carroll  
Town of Chester  
Town of Danville  
Town of Deerfield  
Town of Deering  
Town of Derry (CAFR)  
Town of Dunbarton  
Town of Durham  
Town of Enfield  
Town of Exeter  
Town of Goffstown  
Town of Greenland  
Town of Greenville  
Town of Hanover  
Town of Hollis  
Town of Hopkinton  
Town of Jaffrey  
Town of Litchfield  
Town of Londonderry (CAFR)  
Town of Madison  
Town of Merrimack  
Town of Newfields  
Town of New Ipswich  
Town of Newmarket  
Town of Northfield  
Town of North Hampton  
Town of Pelham  
Town of Piermont  
Town of Plaistow  
Town of Raymond  
Town of Sandown  
Town of Salem  
Town of Stoddard  
Town of Sullivan  
Town of Sunapee  
Town of Temple





#### **School Districts:**

Amherst School District (SAU 39)  
Concord School District (SAU 8)  
Derry Cooperative School District  
Dunbarton School District (SAU 19)  
Farmington School District (SAU 61)  
Franklin School Department (SAU 18)  
Goffstown School District (SAU 19)  
Grantham School District (SAU 75)  
Hill School District (SAU 61)  
Mascenic Regional School District (SAU 87)  
Merrimack School District (SAU 26)  
Middleton School District (SAU 61)  
Mont Vernon School District  
New Boston School District (SAU 19)  
Northwood School District (SAU 44)  
Nottingham School District (SAU 44)  
Oyster River School District  
Prospect Mountain High School  
School Administrative Unit 18  
School Administrative 19  
Sanborn Regional School District  
School Administrative 44  
Strafford School District (SAU44)

Souhegan Cooperative School District

Other Governmental Organizations:

Central New Hampshire Regional Planning  
Commission

Nashua Regional Planning Commission

Nashua Region Solid Waste Management  
District

New Hampshire/Vermont Solid Waste Project

North Country Council

Rockingham Planning Commission

Strafford Regional Planning Commission

Upper Valley Lake Sunapee Planning  
Commission

#### **Maine**

##### **Towns:**

Town of Lebanon

#### **Vermont**

##### **Cities:**

City of Burlington (CAFR)

##### **School Districts:**

Burlington School District



### **CERTIFICATE OF NON-COLLUSION**

The undersigned certifies under penalties of perjury that this proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

A handwritten signature in black ink, appearing to read "Scott C. Melanson", written over a horizontal line.

Signature of individual submitting proposal

Melanson

Name of business

### **TAX COMPLIANCE CERTIFICATION**

Pursuant to M.G.L. c. 62C, §49A, I certify under the penalties of perjury that, to the best of my knowledge and belief, I am in compliance with all laws of the Commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

A handwritten signature in black ink, appearing to read "Scott C. Melanson", written over a horizontal line.

Signature of individual submitting proposal

Melanson

Name of business





## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

### **Exhibit G - Interconnection Service Agreement**

1. Parties. This Interconnection Service Agreement (“Agreement”), dated as of **TBD** is entered into, by and between **NSTAR Electric d/b/a Eversource Energy**, a Massachusetts corporation with a principal place of business at **247 Station Drive, Westwood, MA 02090** (hereinafter referred to as the “Company”), and **Town of Medfield** a corporation with a principal place of business at **459 Main St, Medfield, MA, 02052** (“Interconnecting Customer”). (The Company and Interconnecting Customer are collectively referred to as the “Parties”). Terms used herein without definition shall have the meanings set forth in Section 1.2 of the Interconnection Tariff which is hereby incorporated by reference. **WO# 4589421 (200 kW AC)**.
2. Basic Understandings. This Agreement provides for parallel operation of an Interconnecting Customer’s Facility with the Company EPS to be installed and operated by the Interconnecting Customer at **17 Dale St, Medfield, MA, 02052 Acct# 2902-307-0013**. A description of the Facility is located in Attachment 1. If the Interconnecting Customer is not the Customer, an Agreement between the Company and the Company’s Retail Customer, attached as Exhibit H to the Interconnection Tariff, must be signed and included as an Attachment to this Agreement. If neither the Interconnecting Customer nor the Customer is the Landowner of the property where the Facility is sited, a Landowner Consent Agreement, attached as Exhibit I to the Interconnection Tariff, must be signed and included as an Attachment to this Agreement, unless the Company, in its sole discretion, waives this requirement.

The Interconnecting Customer has the right to operate its Facility in parallel with the Company EPS immediately upon successful completion of the protective relays testing as witnessed by the Company and receipt of written notice from the Company that interconnection with the Company EPS is authorized (“Authorization Date”).

3. Term. This Agreement shall become effective as of the Effective Date. The Agreement shall continue in full force and effect until terminated pursuant to Section 4 of this Agreement.
4. Termination.
  - 4.1. This Agreement may be terminated under the following conditions.
    - 4.1 a) The Parties agree in writing to terminate the Agreement.
    - 4.1 b) The Interconnecting Customer may terminate this agreement at any time by providing sixty (60) days written notice to Company.

## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

- 4.1 c) The Company may terminate this Agreement upon the occurrence of an Event of Default by the Interconnecting Customer as provided in Section 18 of this Agreement.
- 4.1 d) The Company may terminate this Agreement if the Interconnecting Customer either:
  - (1) fails to energize the Facility within 12 months of the Authorization Date; or, (2) permanently abandons the Facility. Failure to operate the Facility for any consecutive 12 month period after the Authorization Date shall constitute permanent abandonment unless otherwise agreed to in writing between the Parties.
- 4.1 e) The Company, upon 30 days notice, may terminate this Agreement if there are any changes in Department regulations or state law that have a material adverse effect on the Company's ability to perform its obligations under the terms of this Agreement.
- 4.2. Survival of Obligations. The termination of this Agreement shall not relieve either Party of its liabilities and obligations, owed or continuing at the time of termination. Sections 5, 10, 12, 13, and 25 as it relates to disputes pending or for wrongful termination of this Agreement shall survive the termination of this Agreement.
- 4.3. Related Agreements. Any agreement attached to and incorporated into this Agreement shall terminate concurrently with this Agreement unless the Parties have agreed otherwise in writing. If the Interconnection Service Agreement is signed prior to a Detailed Study (if applicable), the System Modifications construction schedule from the Detailed Study when finalized shall be deemed a part of the signed Interconnection Service Agreement.
- 5. General Payment Terms. The Interconnecting Customer shall be responsible for the System Modification costs and payment terms identified in Attachment 3 of this Agreement and any approved cost increases pursuant to the terms of the Interconnection Tariff. Interconnecting Customers shall not be required to pay any costs related to Company infrastructure upgrades or System Modifications upon execution of the Interconnection Service Agreement (or once the Interconnecting Customer receives the construction schedule). Interconnecting Customers shall have 120 Business Days from the date of execution of an Interconnection Service Agreement to pay 25 percent of those costs; if an Interconnecting Customer pays such cost within the 120 Business Day Time Frame, the Interconnecting Customer shall have an additional 120 Business Days from the date of first payment to pay the remainder of the costs. If the system modifications exceed \$25,000, the Interconnecting Customer is eligible for a payment plan, including a payment and construction schedule with milestones for both parties, and any such payment plan shall be set forth in Attachment 3. The payment plan may include

## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

a payment schedule different than the 120 Business Day payment schedule requirements set forth in this paragraph above.

Construction estimates are valid for 60 Business Days from when they are delivered to the Interconnecting Customer. If an Interconnecting Customer payment is not received within 60 Business Days of receiving the Interconnection Service Agreement in the Expedited Process, or the Impact Study in the Standard Process, the Company has the right to reassess construction costs and Time Frames. In the event that the Interconnecting Customer fails to pay the Company within the Time Frame required by this provision, the Company will require the Interconnecting Customer to reapply for interconnection. Further, any fees paid will not be refunded. The construction schedule will commence once the Interconnecting Customer's financial payment has been made in full or as otherwise provided in Attachment 3. The Company's obligation to the construction schedule (as it appears in either the Interconnection Service Agreement or the Detailed Study, if the Interconnecting Customer has opted to sign the Interconnection Service Agreement without a Detailed Study) begins on the next Business Day after the Company receives full payment for such construction or as otherwise provided in Attachment 3.

### **5.1. Cost or Fee Adjustment Procedures.**

The Company will, in writing, advise the Interconnecting Customer in advance of any cost increase for work to be performed up to a total amount of increase of 10% only. Interconnecting Customers who elected to execute an Interconnection Services Agreement following the completion of the Impact Study but prior to the commencement of any required Detailed Study, pursuant to Section 3.4(g) of the Interconnection Tariff, shall be responsible for any System Modifications costs,  $\pm 25\%$ , as identified by the Company in the Impact Study. All costs that exceed the above caps will be borne solely by the Company. Any such changes to the Company's costs for the work shall be subject to the Interconnecting Customer's consent. The Interconnecting Customer shall, within thirty (30) Business Days of the Company's notice of increase, authorize such increase and make payment in the amount up to the above caps, or the Company will suspend the work and the corresponding agreement will terminate.

### **5.2. Final Accounting.**

An Interconnecting Customer may request a final accounting report of any difference between (a) Interconnecting Customer's cost responsibility under this Agreement for the actual cost of the



## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

System Modifications, and (b) Interconnecting Customer's previous aggregate payments to the

Company under the Interconnection Service Agreement for such System Modifications within 120

Business days after completion of the construction and installation of the System Modifications described in an attached exhibit to the Interconnection Service Agreement. Upon receipt of such a request from an Interconnecting Customer, the Company shall have 120 Business days to provide the requested final accounting report to the Interconnecting Customer. To the extent that Interconnecting Customer's cost responsibility in the Interconnection Service Agreement exceeds Interconnecting Customer's previous aggregate payments, the Company shall invoice Interconnecting Customer and Interconnecting Customer shall make payment to the Company within 45 Business Days. To the extent that Interconnecting Customer's previous aggregate payments exceed Interconnecting Customer's cost responsibility under this agreement, the Company shall refund to Interconnecting Customer an amount equal to the difference within forty five (45) Business Days of the provision of such final accounting report.

### **6. Operating Requirements.**

#### **6.1. General Operating Requirements.**

Interconnecting Customer shall operate and maintain the Facility in accordance with the applicable manufacturer's recommended maintenance schedule, in compliance with all aspects of the Company's Interconnection Tariff. The Interconnecting Customer will continue to comply with all applicable laws and requirements after interconnection has occurred. In the event the Company has reason to believe that the Interconnecting Customer's installation may be the source of problems on the Company EPS, the Company has the right to install monitoring equipment at a mutually agreed upon location to determine the source of the problems. If the Facility is determined to be the source of the problems, the Company may require disconnection as outlined in Section 7.0 of this Interconnection Tariff. The cost of this testing will be borne by the Company unless the Company demonstrates that the problem or problems are caused by the Facility or if the test was performed at the request of the Interconnecting Customer.

#### **6.2. No Adverse Effects; Non-interference.**

Company shall notify Interconnecting Customer if there is evidence that the operation of the Facility could cause disruption or deterioration of service to other Customers served from the same Company EPS or if operation of the Facility could cause damage to

## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

Company EPS or Affected Systems. The deterioration of service could be, but is not limited to, harmonic injection in excess of IEEE Standard 1547-2003, as well as voltage fluctuations caused by large step changes in loading at the Facility. Each Party will notify the other of any emergency or hazardous condition or occurrence with its equipment or facilities which could affect safe operation of the other Party's equipment or facilities. Each Party shall use reasonable efforts to provide the other Party with advance notice of such conditions.

The Company will operate the EPS in such a manner so as to not unreasonably interfere with the operation of the Facility. The Interconnecting Customer will protect itself from normal disturbances propagating through the Company EPS, and such normal disturbances shall not constitute unreasonable interference unless the Company has deviated from Good Utility Practice. Examples of such disturbances could be, but are not limited to, single-phasing events, voltage sags from remote faults on the Company EPS, and outages on the Company EPS. If the Interconnecting Customer demonstrates that the Company EPS is adversely affecting the operation of the Facility and if the adverse effect is a result of a Company deviation from Good Utility Practice, the Company shall take appropriate action to eliminate the adverse effect.

### **6.3. Safe Operations and Maintenance.**

Each Party shall operate, maintain, repair, and inspect, and shall be fully responsible for, the facility or facilities that it now or hereafter may own unless otherwise specified in this Agreement. Each Party shall be responsible for the maintenance, repair and condition of its respective lines and appurtenances on their respective side of the PCC. The Company and the Interconnecting Customer shall each provide equipment on its respective side of the PCC that adequately protects the Company's EPS, personnel, and other persons from damage and injury.

### **6.4. Access.**

The Company shall have access to the disconnect switch of the Facility at all times.

6.4 a) Company and Interconnecting Customer  
Representatives.

## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

Each Party shall provide and update as necessary the telephone number that can be used at all times to allow either Party to report an emergency.

### **6.4 b) Company Right to Access Company-Owned Facilities and Equipment.**

If necessary for the purposes of the Interconnection Tariff and in the manner it describes, the Interconnecting Customer shall allow the Company access to the Company's equipment and the Company's facilities located on the Interconnecting Customer's or Customer's premises. To the extent that the Interconnecting Customer does not own all or any part of the property on which the Company is required to locate its equipment or facilities to serve the Interconnecting Customer under the Interconnection Tariff, the Interconnecting Customer shall secure and provide in favor of the Company the necessary rights to obtain access to such equipment or facilities, including easements if the circumstances so require. In addition to any rights and easements required by the Company in accordance with the above provision, the Interconnecting Customer shall obtain an executed Landowner Consent Agreement (Exhibit I) from the Landowner, unless the Company, in its sole discretion, waives this requirement.

### **6.4 c) Right to Review Information.**

The Company shall have the right to review and obtain copies of Interconnecting Customer's operations and maintenance records, logs, or other information such as, unit availability, maintenance outages, circuit breaker operation requiring manual reset, relay targets and unusual events pertaining to Interconnecting Customer's Facility or its interconnection with the Company EPS. This information will be treated as customer-confidential and only used for the purposes of meeting the requirements of Section 4.2.4 in the Interconnection Tariff.

## **7. Disconnection**

### **7.1. Temporary Disconnection**

- 7.1 a) Emergency Conditions. Company shall have the right to immediately and temporarily disconnect the Facility without prior notification in cases where, in the reasonable judgment of Company, continuance of such service to Interconnecting Customer is imminently likely



## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

to (i) endanger persons or damage property or (ii) cause a material adverse effect on the integrity or security of, or damage to, Company EPS or to the electric systems of others to which the Company EPS is directly connected. Company shall notify Interconnecting Customer promptly of the emergency condition. Interconnecting Customer shall notify Company promptly when it becomes aware of an emergency condition that affects the Facility that may reasonably be expected to affect the Company EPS. To the extent information is known, the notification shall describe the emergency condition, the extent of the damage or deficiency, or the expected effect on the operation of both Parties' facilities and operations, its anticipated duration and the necessary corrective action.

- 7.1 b) Routine Maintenance, Construction and Repair. Company shall have the right to disconnect the Facility from the Company EPS when necessary for routine maintenance, construction and repairs on the Company EPS. The Company shall provide the Interconnecting Customer with a minimum of seven calendar days planned outage notification consistent with the Company's planned outage notification protocols. If the Interconnecting Customer requests disconnection by the Company at the PCC, the Interconnecting Customer will provide a minimum of seven days notice to the Company. Any additional notification requirements will be specified by mutual agreement in the Interconnection Service Agreement. Company shall make an effort to schedule such curtailment or temporary disconnection with Interconnecting Customer.
- 7.1 c) Forced Outages. During any forced outage, Company shall have the right to suspend interconnection service to effect immediate repairs on the Company EPS; provided, however, Company shall use reasonable efforts to provide the Interconnecting Customer with prior notice. Where circumstances do not permit such prior notice to Interconnecting Customer, Company may interrupt Interconnection Service and disconnect the Facility from the Company EPS without such notice.
- 7.1 d) Non-Emergency Adverse Operating Effects. The Company may disconnect the Facility if the Facility is having an adverse operating effect on the Company EPS or other Customers that is not an emergency, and the Interconnecting Customer fails to correct such adverse operating effect after written notice has been provided and a maximum of 45 days to correct such adverse operating effect has elapsed.
- 7.1 e) Modification of the Facility. Company shall notify Interconnecting Customer if there is evidence of a material modification to the Facility and shall have the right to immediately

## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

suspend interconnection service in cases where such material modification has been implemented without prior written authorization from the Company.

- 7.1 f) Re-connection. Any curtailment, reduction or disconnection shall continue only for so long as reasonably necessary. The Interconnecting Customer and the Company shall cooperate with each other to restore the Facility and the Company EPS, respectively, to their normal operating state as soon as reasonably practicable following the cessation or remedy of the event that led to the temporary disconnection.

### **7.2. Permanent Disconnection.**

The Interconnecting Customer has the right to permanently disconnect at any time with 30 days written notice to the Company.

- 7.2 a) The Company may permanently disconnect the Facility upon termination of the Interconnection Service Agreement in accordance with the terms thereof.

8. **Metering.** Metering of the output from the Facility shall be conducted pursuant to the terms of the Interconnection Tariff.
9. **Assignment.** Except as provided herein, Interconnecting Customer shall not voluntarily assign its rights or obligations, in whole or in part, under this Agreement without Company's written consent. Any assignment Interconnecting Customer purports to make without Company's written consent shall not be valid. Company shall not unreasonably withhold or delay its consent to Interconnecting Customer's assignment of this Agreement. Notwithstanding the above, Company's consent will not be required for any assignment made by Interconnecting Customer to an Affiliate or as collateral security in connection with a financing transaction. In all events, the Interconnecting Customer will not be relieved of its obligations under this Agreement unless, and until the assignee assumes in writing all obligations of this Agreement and notifies the Company of such assumption.
10. **Confidentiality.** Company shall maintain confidentiality of all Interconnecting Customer confidential and proprietary information except as otherwise required by applicable laws and regulations, the Interconnection Tariff, or as approved by the Interconnecting Customer in the Simplified or Expedited/Standard Application form or otherwise.

## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

### 11. Insurance Requirements.

#### 11.1. General Liability.

- 11.1 a) In connection with Interconnecting Customer's performance of its duties and obligations under the Interconnection Service Agreement, Interconnecting Customer shall maintain, during the term of the Agreement, general liability insurance with a combined single limit of not less than:
- i) Five million dollars (\$5,000,000) for each occurrence and in the aggregate if the Gross Nameplate Rating of Interconnecting Customer's Facility is greater than five (5) MW.
  - ii) Two million dollars (\$2,000,000) for each occurrence and five million dollars (\$5,000,000) in the aggregate if the Gross Nameplate Rating of Interconnecting Customer's Facility is greater than one (1) MW and less than or equal to five (5) MW;
  - iii) One million dollars (\$1,000,000) for each occurrence and in the aggregate if the Gross Nameplate Rating of Interconnecting Customer's Facility is greater than one hundred (100) kW and less than or equal to one (1) MW;
  - iv) Five hundred thousand dollars (\$500,000) for each occurrence and in the aggregate if the Gross Nameplate Rating of Interconnecting Customer's Facility is greater than ten (10) kW and less than or equal to one hundred (100) kW, except for as provide below in subsection 11.1(b).
- 11.1 b) Pursuant to 220 CMR §18.03(2), no insurance is required for Interconnecting Customers with facilities eligible for Class 1 Net Metering (facilities less than or equal to sixty (60) kW. However, the Company recommends that the Interconnecting Customer obtain adequate insurance to cover potential liabilities.
- 11.1 c) Any combination of General Liability and Umbrella/Excess Liability policy limits can be used to satisfy the limit requirements stated above.
- 11.1 d) The general liability insurance required to be purchased in this Section 11 may be purchased for the direct benefit of the Company and shall respond to third party claims



## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

asserted against the Company (hereinafter known as “Owners Protective Liability”). Should this option be chosen, the requirement of Section 11.2(a) will not apply but the Owners Protective Liability policy will be purchased for the direct benefit of the Company and the Company will be designated as the primary and “Named Insured” under the policy.

11.1 e) The insurance hereunder is intended to provide coverage for the Company solely with respect to claims made by third parties against the Company.

11.1 f) In the event the Commonwealth of Massachusetts, or any other governmental subdivision thereof subject to the claims limits of the Massachusetts Tort Claims Act, G.L. c. 258 (hereinafter referred to as the “Governmental Entity”) is the Interconnecting Customer, any insurance maintained by the Governmental Entity shall contain an endorsement that strictly prohibits the applicable insurance company from interposing the claims limits of G.L. c. 258 as a defense in either the adjustment of any claim, or in the defense of any lawsuit directly asserted against the insurer by the Company. Nothing herein is intended to constitute a waiver or indication of an intent to waive the protections of G.L. c. 258 by the Governmental Entity.

11.1 g) Notwithstanding the requirements of section 11.1(a) through (f), insurance for certain Governmental Entity facilities may be provided as set forth in section 11.1(g)(i) and (ii) below. Nothing herein changes the provision in subsection 11.1(a)(iv) that exempts Class I Net Metering facilities (less than or equal to 60 kW) from the requirement to obtain insurance. In addition, nothing shall prevent the Governmental Entity from obtaining insurance consistent with the provisions of subsection 11.1(a) through (f), if it is able and chooses to do so.

- i) For solar photovoltaic (PV) facilities with a Gross Nameplate Rating in excess of 60 kW up to 500 kW, the Governmental Entity is not required to obtain liability insurance. Any liability costs borne by the Company associated with a third-party claim for damages in excess of the claims limit of the Massachusetts Tort Claims Act, M.G.L. c. 258, and market-based premium-related costs, if any, borne by the Company associated with insurance for such third-party claims shall be recovered annually on a reconciling basis in Company rates in a manner that shall be reviewed and approved by the Department.
- ii) For (a) PV facilities with a Gross Nameplate Rating in excess of 500 kW up to 5 MW, (b) wind facilities with a Gross Nameplate Rating in excess of 60 kW up to

## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

5 MW, and (c) highly efficient combined heat and power facilities with a Gross Nameplate Rating of in excess of 60 kW up to 5 MW, the Governmental Entity is not required to obtain liability insurance, subject to the requirements of the following paragraph.

The Company shall either self-insure for any risk associated with possible third-party claims for damages in excess of the Massachusetts Tort Claims Act limit, or obtain liability insurance for such third-party claims, and the Company is authorized to charge and collect from the Governmental Entity its pro-rata allocable share of the cost of so doing, plus all reasonable administrative costs. The coverage and cost may vary with the size and type of facility, and may change (increase or decrease) over time, based on insurance market conditions, and such cost shall be added to, and paid for as part of the Governmental Entity's electric bill.

### **11.2. Insurer Requirements and Endorsements.**

All required insurance shall be carried by reputable insurers qualified to underwrite insurance in MA having a Best Rating of at least "A-". In addition, all insurance shall, (a) include Company as an additional insured; (b) contain a severability of interest clause or cross-liability clause; (c) provide that Company shall not incur liability to the insurance carrier for payment of premium for such insurance; and (d) provide for thirty (30) calendar days' written notice to Company prior to cancellation, termination, or material change of such insurance; provided that to the extent the Interconnecting Customer is satisfying the requirements of subpart (d) of this paragraph by means of a presently existing insurance policy, the Interconnecting Customer shall only be required to make good faith efforts to satisfy that requirement and will assume the responsibility for notifying the Company as required above.

If the requirement of clause (a) in the paragraph above prevents Interconnecting Customer from obtaining the insurance required without added cost or due to written refusal by the insurance carrier, then upon Interconnecting Customer's written Notice to Company, the requirements of clause (a) shall be waived.

### **11.3. Evidence of Insurance.**

## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

Evidence of the insurance required shall state that coverage provided is primary and is not in excess to or contributing with any insurance or self-insurance maintained by Interconnecting Customer.

The Interconnecting Customer is responsible for providing the Company with evidence of insurance in compliance with the Interconnection Tariff on an annual basis.

Prior to the Company commencing work on System Modifications, and annually thereafter, the Interconnecting Customer shall have its insurer furnish to the Company certificates of insurance evidencing the insurance coverage required above. The Interconnecting Customer shall notify and send to the Company a certificate of insurance for any policy written on a "claims-made" basis. The Interconnecting Customer will maintain extended reporting coverage for three years on all policies written on a "claims-made" basis.

In the event that an Owners Protective Liability policy is provided, the original policy shall be provided to the Company.

### **11.4. Self Insurance.**

If Interconnecting Customer has a self-insurance program established in accordance with commercially acceptable risk management practices. Interconnecting Customer may comply with the following in lieu of the above requirements as reasonably approved by the Company:

- Interconnecting Customer shall provide to Company, at least thirty (30) calendar days prior to the Date of Initial Operation, evidence of such program to self-insure to a level of coverage equivalent to that required.
- If Interconnecting Customer ceases to self-insure to the standards required hereunder, or if Interconnecting Customer is unable to provide continuing evidence of Interconnecting Customer's financial ability to self-insure, Interconnecting Customer agrees to promptly obtain the coverage required under Section 11.1.

This section shall not allow any Governmental Entity to self-insure where the existence of a limitation on damages payable by a Government Entity imposed by the Massachusetts

## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

Tort Claims Act, G.L. c. 258, or similar law, could effectively limit recovery (by virtue of a cap on recovery) to an amount lower than that required in Section 11.1(a).

- 11.5. All insurance certificates, statements of self-insurance, endorsements, cancellations, terminations, alterations, and material changes of such insurance shall be issued and submitted to the following:

**Eversource**

Attention: **DG Group, SW 340**

12. Indemnification. Except as the Commonwealth is precluded from pledging credit by Section 1 of Article 62 of the Amendments to the Constitution of the Commonwealth of Massachusetts, and except as the Commonwealth's cities and towns are precluded by Section 7 of Article 2 of the Amendments to the Massachusetts Constitution from pledging their credit without prior legislative authority, Interconnecting Customer and Company shall each indemnify, defend and hold the other, its directors, officers, employees and agents (including, but not limited to, Affiliates and contractors and their employees), harmless from and against all liabilities, damages, losses, penalties, claims, demands, suits and proceedings of any nature whatsoever for personal injury (including death) or property damages to unaffiliated third parties that arise out of or are in any manner connected with the performance of this Agreement by that Party except to the extent that such injury or damages to unaffiliated third parties may be attributable to the negligence or willful misconduct of the Party seeking indemnification.
13. Limitation of Liability. Each Party's liability to the other Party for any loss, cost, claim, injury, liability, or expense, including court costs and reasonable attorney's fees, relating to or arising from any act or omission in its performance of this Agreement, shall be limited to the amount of direct damage or liability actually incurred. In no event shall either Party be liable to the other Party for any indirect, incidental, special, consequential, or punitive damages of any kind whatsoever.
14. Amendments and Modifications. No amendment or modification of this Agreement shall be binding unless in writing and duly executed by both Parties.
15. Permits and Approvals. Interconnecting Customer shall obtain all environmental and other permits lawfully required by governmental authorities for the construction and operation of the Facility. Prior



## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

to the construction of System Modifications the Interconnecting Customer will notify the Company that it has initiated the permitting process. Prior to the commercial operation of the Facility the Interconnecting Customer will notify the Company that it has obtained all permits necessary. Upon request the Interconnecting Customer shall provide copies of one or more of the necessary permits to the Company.

16. Force Majeure. For purposes of this Agreement, "Force Majeure Event" means any event:

- a) that is beyond the reasonable control of the affected Party; and
- b) that the affected Party is unable to prevent or provide against by exercising commercially reasonable efforts, including the following events or circumstances, but only to the extent they satisfy the preceding requirements: acts of war or terrorism, public disorder, insurrection, or rebellion; floods, hurricanes, earthquakes, lightning, storms, and other natural calamities; explosions or fire; strikes, work stoppages, or labor disputes; embargoes; and sabotage. If a Force Majeure Event prevents a Party from fulfilling any obligations under this Agreement, such Party will promptly notify the other Party in writing, and will keep the other Party informed on a continuing basis of the scope and duration of the Force Majeure Event. The affected Party will specify in reasonable detail the circumstances of the Force Majeure Event, its expected duration, and the steps that the affected Party is taking to mitigate the effects of the event on its performance. The affected Party will be entitled to suspend or modify its performance of obligations under this Agreement, other than the obligation to make payments then due or becoming due under this Agreement, but only to the extent that the effect of the Force Majeure Event cannot be mitigated by the use of reasonable efforts. The affected Party will use reasonable efforts to resume its performance as soon as possible. In no event will the unavailability or inability to obtain funds constitute a Force Majeure Event.

## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

### 17. Notices.

- 17.1. Any written notice, demand, or request required or authorized in connection with this Agreement (“Notice”) shall be deemed properly given on the date actually delivered in person or five (5) Business Days after being sent by certified mail, e-mail or fax with confirmation of receipt to the person specified below:

If to Company:

Name **Eversource**  
Attention: **DG Group, SW340**  
Email: ryan.boyd@eversource.com

If to Interconnecting Customer:

Name: Town of Medfield  
Attention: Nicholas Milano  
Address: 459 Main Street  
City: Medfield, MA, 02052  
Phone: 508-906-3009  
Email: mmilano@medfield.net

- 17.2. A Party may change its address for Notices at any time by providing the other Party Notice of the change in accordance with Section 17.1.

- 17.3. The Parties may also designate operating representatives to conduct the daily communications, which may be necessary or convenient for the administration of this Agreement. Such designations, including names, addresses, email addresses, and phone numbers may be communicated or revised by one Party’s Notice to the other.

### 18. Default and Remedies.

- 18.1. Defaults. Any one of the following shall constitute “An Event of Default.”

## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

- i) One of the Parties shall fail to pay any undisputed bill for charges incurred under this Agreement or other amounts which one Party owes the other Party as and when due, and such failure shall continue for a period of thirty (30) days after written notice of nonpayment from the affected Party to the defaulting Party, or
- ii) One of the Parties fails to comply with any other provision of this Agreement or breaches any representation or warranty in any material respect and fails to cure or remedy that default or breach within sixty (60) days after notice and written demand by the affected Party to cure the same or such longer period reasonably required to cure (not to exceed an additional 90 days unless otherwise mutually agreed upon), provided that the defaulting Party diligently continues to cure until such failure is fully cured.

18.2. Remedies. Upon the occurrence of an Event of Default, the affected Party may at its option, in addition to any remedies available under any other provision herein, do any, or any combination, as appropriate, of the following:

- a) Continue to perform and enforce this Agreement;
- b) Recover damages from the defaulting Party except as limited by this Agreement;
- c) By written notice to the defaulting Party terminate this Agreement;
- d) Pursue any other remedies it may have under this Agreement or under applicable law or in equity.

19. Entire Agreement. This Agreement, including any attachments or appendices, is entered into pursuant to the Interconnection Tariff. Together the Agreement and the Interconnection Tariff represent the entire understanding between the Parties, their agents, and employees as to the subject matter of this Agreement. Each Party also represents that in entering into this Agreement, it has not relied on any promise, inducement, representation, warranty, agreement or other statement not set forth in this Agreement or in the Company's Interconnection Tariff.

20. Supersedence. In the event of a conflict between this Agreement, the Interconnection Tariff, or the terms of any other tariff, Exhibit or Attachment incorporated by reference, the terms of the Interconnection Tariff, as the same may be amended from time to time, shall control. In the event that

## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

the Company files a revised tariff related to interconnection for Department approval after the effective date of this Agreement, the Company shall, not later than the date of such filing, notify the signatories of this Agreement and provide them a copy of said filing.

21. Governing Law. This Agreement shall be interpreted, governed, and construed under the laws of the Commonwealth of Massachusetts without giving effect to choice of law provisions that might apply to the law of a different jurisdiction.
22. Non-waiver. None of the provisions of this Agreement shall be considered waived by a Party unless such waiver is given in writing. The failure of a Party to insist in any one or more instances upon strict performance of any of the provisions of this Agreement or to take advantage of any of its rights hereunder shall not be construed as a waiver of any such provisions or the relinquishment of any such rights for the future, but the same shall continue and remain in full force and effect.
23. Counterparts. This Agreement may be signed in counterparts.
24. No Third Party Beneficiaries. This Agreement is made solely for the benefit of the Parties hereto.  
Nothing in the Agreement shall be construed to create any rights in or duty to, or standard of care with respect to, or any liability to, any person not a party to this Agreement.
25. Dispute Resolution. Unless otherwise agreed by the Parties, all disputes arising under this Agreement shall be resolved pursuant to the Dispute Resolution Process set forth in the Interconnection Tariff.
26. Severability. If any clause, provision, or section of this Agreement is ruled invalid by any court of competent jurisdiction, the invalidity of such clause, provision, or section, shall not affect any of the remaining provisions herein.
27. Signatures.

IN WITNESS WHEREOF, the Parties hereto have caused two (2) originals of this Agreement to be executed under seal by their duly authorized representatives.



**STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

Interconnecting Customer

Company

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: Account Executive

Date: \_\_\_\_\_

Date: \_\_\_\_\_

## **STANDARDS FOR INTERCONNECTION OF DISTRIBUTED GENERATION**

The following attachments will be included as appropriate for each specific Interconnection Service Agreement:

Attachment 1: Description of Facilities, including demarcation of Point of Common Coupling

Attachment 2: Description of System Modifications

Attachment 3: Costs of System Modifications and Payment Terms

Attachment 4: Special Operating Requirements, if any

## Attachment 1

Description of facility and Point of Common Coupling (One Line)

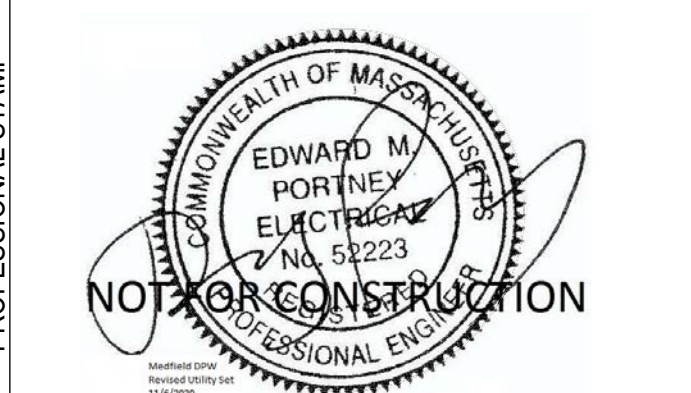


NOT FOR CONSTRUCTION

THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. CERTIFICATION OR VALIDATION IS TO BE DONE BY A PROFESSIONAL WITH EXPERTISE IN THE REQUIRED FIELD AND A LICENSE IN THE STATE THAT THE INSTALLATION WILL RESIDE. CERTIFICATION OR VALIDATION TO BE INCLUDED AS PART OF THE SUBMITTALS FOR PERMITTING OF THE OVERALL PROJECT.

MEDFIELD DPW

|                             |
|-----------------------------|
| INTERCONNECTION APPLICATION |
| Friday, November 6, 2020    |

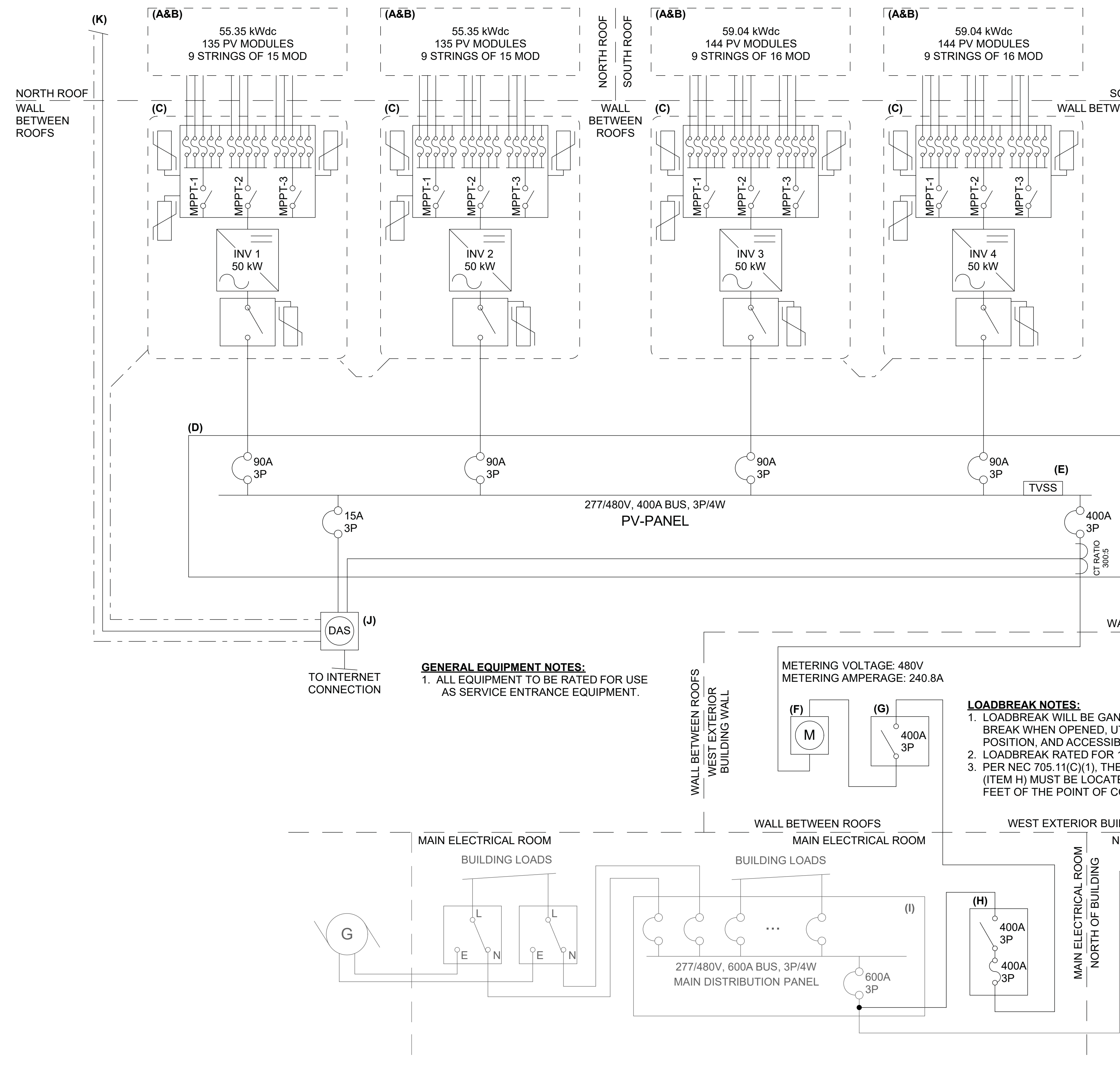


| MARK | DATE     | DESCRIPTION             |
|------|----------|-------------------------|
| -    | 08/23/16 | REDLINE UPDATES         |
| -    | 04/30/20 | SCHEMATIC DESIGN UPDATE |
| -    | 09/29/20 | IA SET UPDATE           |
| 1    | 11/06/20 | SITE ADDRESS            |

|             |  |
|-------------|--|
| NAME        |  |
| STREET      |  |
| CITY/ST/ZIP |  |
| NOTES       |  |
|             |  |

|             |                     |
|-------------|---------------------|
| NAME        | MEDFIELD DPW GARAGE |
| STREET      | 17 DALE STREET      |
| CITY/ST/ZIP | MEDFIELD, MA 02052  |
| NOTES       |                     |

|               |             |                         |
|---------------|-------------|-------------------------|
| FILE NAME     |             |                         |
| SCALE         | AS NOTED    |                         |
| DRAWN BY      | NL CW       | DATE DRAFTED: 11/6/2020 |
| CHECKED BY    | TP          | SHEET SIZE: ARCH D      |
| DRAWING NO.   | PV601       |                         |
| DRAWING TITLE | SINGLE LINE |                         |



**GENERAL EQUIPMENT NOTES:**  
1. ALL EQUIPMENT TO BE RATED FOR USE  
AS SERVICE ENTRANCE EQUIPMENT.

**LOADBREAK NOTES:**

1. LOADBREAK WILL BE GANG OPERATED, VISIBLE BREAK WHEN OPENED, UTILITY LOCKABLE IN OPEN POSITION, AND ACCESSIBLE 24/7 TO UTILITY.
2. LOADBREAK RATED FOR 10KA FAULT CURRENT.
3. PER NEC 705.11(C)(1), THE FUSED PV DISCONNECT (ITEM H) MUST BE LOCATED WITHIN 16.5 CONDUCTOR FEET OF THE POINT OF CONNECTION ON THE MDP.

| TABLE 2: TRIP LEVEL SETTINGS TO STOP INVERTER |                             |           | V <sub>NOM</sub> = 277V L-G |
|---|-----------------------------|-----------|-----------------------------|
| ID  | DESCRIPTION                 | SET POINT | TOTAL CLEAR TIME            |
| 1   | LINE UNDER VOLTAGE (FAST)   | 138.5 V   | 1.1 SEC                     |
| 2   | LINE UNDER VOLTAGE (SLOW)   | 243.7 V   | 2.0 SEC                     |
| 3   | LINE OVER VOLTAGE (SLOW)    | 304.7 V   | 2.0 SEC                     |
| 4   | LINE OVER VOLTAGE (FAST)    | 332.4 V   | 0.16 SEC                    |
| 5   | LINE UNDER FREQUENCY (FAST) | 56.5 Hz   | 0.16 SEC                    |
| 6   | LINE UNDER FREQUENCY (SLOW) | 58.5 Hz   | 300 SEC                     |
| 7   | LINE OVER FREQUENCY (SLOW)  | 61.2 Hz   | 300 SEC                     |
| 8   | LINE OVER FREQUENCY (FAST)  | 62.0 Hz   | 0.16 SEC                    |

**NOTE:**

1. INVERTER TOTAL CLEARING TIME INCLUDES MECHANICAL OPERATION TIME OF 3 CYCLES (0.05s)
2. UTILITY RESTORATION DETECTION TO BE STANDARD UL1741-SA SETTINGS
3. SETTINGS ARE BASED ON IEEE1547 TABLE 1 (VOLTAGE) & 2 (FREQUENCY) AND NPCC DIRECTORY 12 FOR UNDER-FREQUENCY
4. RELAY SETTINGS ARE FIELD ADJUSTABLE AND WILL BE SET TO ADHERE TO THE ISO-NR RIDE-THROUGH REQUIREMENTS BY DEFAULT.

|                        |                |       |   |        |             |
|------------------------|----------------|-------|---|--------|-------------|
| SITE CONDITIONS        |                |       | 16 MODULE SOURCE CIRCUIT OUTPUT*        |        |             |
| LOCATION:              | MEDFIELD, MA   |       | Voc:                                    | 793.6  | Vdc         |
| MAX AVG TEMP:          | 32 °C          |       | Voc (Temp Adjusted)                     | 894.9  | Vdc         |
| MIN EXPECTED TEMP:     | -19 °C         |       | Isc:                                    | 10.76  | Adc         |
|                        |                |       | Vmp:                                    | 650.88 | Vdc         |
|                        |                |       | Imp:                                    | 10.08  | Adc         |
| PV ARRAY CONFIGURATION |                |       | 15 MODULE SOURCE CIRCUIT OUTPUT*        |        |             |
| Manufacturer:          | JINKO SOLAR    |       | Voc:                                    | 744.0  | Vdc         |
| Model:                 | JKM410M-72HL-V |       | Voc (Temp Adjusted)                     | 838.9  | Vdc         |
| Module Qty:            | 558            |       | Isc:                                    | 10.76  | Adc         |
| Optimizers per String: | 16, 15         |       | Vmp:                                    | 610.2  | Vdc         |
| Total series strings:  | 36             |       | Imp:                                    | 10.08  | Adc         |
| PV MODULE OUTPUT*      |                |       | PV INVERTER OUTPUT (SOLECTRIA PVI-50TL) |        |             |
| Voc:                   | 49.6           | Vdc   | Max Rated Power                         | 50     | kWac        |
| Voc Temp Coeff.        | -0.29          | %/ °C | Operating Voltage (Line-to-Line):       | 480    | Vac 3-PHASE |
| Voc (Temp Adjusted)    | 55.93          | Vdc   | Max Current:                            | 60.2   | Aac         |
| Isc:                   | 10.76          | Adc   | Output Frequency:                       | 60     | Hz          |
| Vmp:                   | 40.68          | Vdc   |   |        |             |
| Imp:                   | 10.08          | Adc   |   |        |             |

\*BASED ON MODULE PERFORMANCE AT STANDARD TEST CONDITIONS (STC)

| TABLE 1: PHOTOVOLTAIC SYSTEM EQUIPMENT LIST |                                     |       |   |
|---|-------------------------------------|-------|---|
| Equipment ID                                | Manufacturer                        | Model | Notes                                     |
| 1   | Monocrystalline Silicon             | 300W  | High efficiency, space saving             |
| 2   | Polycrystalline Silicon             | 250W  | Cost-effective, standard size             |
| 3   | Thin-Film (CdTe)                    | 150W  | Flexible, lightweight                     |
| 4   | Bifacial Solar Panel                | 350W  | Utilizes both sides for energy generation |
| 5   | PERC (Passivated Emitter Rear Cell) | 280W  | Improved light absorption                 |
| 6   | Heterojunction (Hetero)             | 320W  | Advanced technology, high performance     |
| 7   | Monocrystalline Silicon             | 400W  | Large capacity, premium quality           |
| 8   | Thin-Film (CdTe)                    | 100W  | Compact design, easy installation         |
| 9   | Polycrystalline Silicon             | 300W  | Standard configuration, reliable          |
| 10  | Bifacial Solar Panel                | 200W  | Enhanced energy output                    |
| 11  | PERC (Passivated Emitter Rear Cell) | 180W  | Efficient, durable                        |
| 12  | Heterojunction (Hetero)             | 220W  | Advanced technology, high performance     |
| 13  | Monocrystalline Silicon             | 250W  | High efficiency, space saving             |
| 14  | Polycrystalline Silicon             | 200W  | Cost-effective, standard size             |
| 15  | Thin-Film (CdTe)                    | 120W  | Flexible, lightweight                     |
| 16  | Bifacial Solar Panel                | 280W  | Utilizes both sides for energy generation |
| 17  | PERC (Passivated Emitter Rear Cell) | 220W  | Improved light absorption                 |
| 18  | Heterojunction (Hetero)             | 260W  | Advanced technology, high performance     |
| 19  | Monocrystalline Silicon             | 300W  | High efficiency, space saving             |
| 20  | Polycrystalline Silicon             | 250W  | Cost-effective, standard size             |
| 21  | Thin-Film (CdTe)                    | 150W  | Flexible, lightweight                     |
| 22  | Bifacial Solar Panel                | 350W  | Utilizes both sides for energy generation |
| 23  | PERC (Passivated Emitter Rear Cell) | 280W  | Improved light absorption                 |
| 24  | Heterojunction (Hetero)             | 320W  | Advanced technology, high performance     |
| 25  | Monocrystalline Silicon             | 400W  | Large capacity, premium quality           |
| 26  | Thin-Film (CdTe)                    | 100W  | Compact design, easy installation         |
| 27  | Polycrystalline Silicon             | 300W  | Standard configuration, reliable          |
| 28  | Bifacial Solar Panel                | 200W  | Enhanced energy output                    |
| 29  | PERC (Passivated Emitter Rear Cell) | 180W  | Efficient, durable                        |
| 30  | Heterojunction (Hetero)             | 220W  | Advanced technology, high performance     |
| 31  | Monocrystalline Silicon             | 250W  | High efficiency, space saving             |
| 32  | Polycrystalline Silicon             | 200W  | Cost-effective, standard size             |
| 33  | Thin-Film (CdTe)                    | 120W  | Flexible, lightweight                     |
| 34  | Bifacial Solar Panel                | 280W  | Utilizes both sides for energy generation |
| 35  | PERC (Passivated Emitter Rear Cell) | 220W  | Improved light absorption                 |
| 36  | Heterojunction (Hetero)             | 260W  | Advanced technology, high performance     |
| 37  | Monocrystalline Silicon             | 300W  | High efficiency, space saving             |
| 38  | Polycrystalline Silicon             | 250W  | Cost-effective, standard size             |
| 39  | Thin-Film (CdTe)                    | 150W  | Flexible, lightweight                     |
| 40  | Bifacial Solar Panel                | 350W  | Utilizes both sides for energy generation |
| 41  | PERC (Passivated Emitter Rear Cell) | 280W  | Improved light absorption                 |
| 42  | Heterojunction (Hetero)             | 320W  | Advanced technology, high performance     |
| 43  | Monocrystalline Silicon             | 400W  | Large capacity, premium quality           |
| 44  | Thin-Film (CdTe)                    | 100W  | Compact design, easy installation         |
| 45  | Polycrystalline Silicon             | 300W  | Standard configuration, reliable          |
| 46  | Bifacial Solar Panel                | 200W  | Enhanced energy output                    |
| 47  | PERC (Passivated Emitter Rear Cell) | 180W  | Efficient, durable                        |
| 48  | Heterojunction (Hetero)             | 220W  | Advanced technology, high performance     |
| 49  | Monocrystalline Silicon             | 250W  | High efficiency, space saving             |
| 50  | Polycrystalline Silicon             | 200W  | Cost-effective, standard size             |
| 51  | Thin-Film (CdTe)                    | 120W  | Flexible, lightweight                     |
| 52  | Bifacial Solar Panel                | 280W  | Utilizes both sides for energy generation |
| 53  | PERC (Passivated Emitter Rear Cell) | 220W  | Improved light absorption                 |
| 54  | Heterojunction (Hetero)             | 260W  | Advanced technology, high performance     |
| 55  | Monocrystalline Silicon             | 300W  | High efficiency, space saving             |
| 56  | Polycrystalline Silicon             | 250W  | Cost-effective, standard size             |
| 57  | Thin-Film (CdTe)                    | 150W  | Flexible, lightweight                     |
| 58  | Bifacial Solar Panel                | 350W  | Utilizes both sides for energy generation |
| 59  | PERC (Passivated Emitter Rear Cell) | 280W  | Improved light absorption                 |
| 60  | Heterojunction (Hetero)             | 320W  | Advanced technology, high performance     |
| 61  | Monocrystalline Silicon             | 400W  | Large capacity, premium quality           |
| 62  | Thin-Film (CdTe)                    | 100W  | Compact design, easy installation         |
| 63  | Polycrystalline Silicon             | 300W  | Standard configuration, reliable          |
| 64  | Bifacial Solar Panel                | 200W  | Enhanced energy output                    |
| 65  | PERC (Passivated Emitter Rear Cell) | 180W  | Efficient, durable                        |
| 66  | Heterojunction (Hetero)             | 220W  | Advanced technology, high performance     |
| 67  | Monocrystalline Silicon             | 250W  | High efficiency, space saving             |
| 68  | Polycrystalline Silicon             | 200W  | Cost-effective, standard size             |
| 69  | Thin-Film (CdTe)                    | 120W  | Flexible, lightweight                     |
| 70  | Bifacial Solar Panel                | 280W  | Utilizes both sides for energy generation |
| 71  | PERC (Passivated Emitter Rear Cell) | 220W  | Improved light absorption                 |
| 72  | Heterojunction (Hetero)             | 260W  | Advanced technology, high performance     |
| 73  | Monocrystalline Silicon             | 300W  | High efficiency, space saving             |
| 74  | Polycrystalline Silicon             | 250W  | Cost-effective, standard size             |
| 75  | Thin-Film (CdTe)                    | 150W  | Flexible, lightweight                     |
| 76  | Bifacial Solar Panel                | 350W  | Utilizes both sides for energy generation |
| 77  | PERC (Passivated Emitter Rear Cell) | 280W  | Improved light absorption                 |
| 78  | Heterojunction (Hetero)             | 320W  | Advanced technology, high performance     |
| 79  | Monocrystalline Silicon             | 400W  | Large capacity, premium quality           |
| 80  | Thin-Film (CdTe)                    | 100W  | Compact design, easy installation         |
| 81  | Polycrystalline Silicon             | 300W  | Standard configuration, reliable          |
| 82  | Bifacial Solar Panel                | 200W  | Enhanced energy output                    |
| 83  | PERC (Passivated Emitter Rear Cell) | 180W  | Efficient, durable                        |
| 84  | Heterojunction (Hetero)             | 220W  |   |

|     |   |     |
|-----|---|-----|
| (A) | JINKO SOLAR EAGLE 410W MODULES, JKM410M-72HL-V  | 558 |
| (B) | TIGO ENERGY TS4-A-F, MLPE, ONE PER MODULE   | 558 |
| (C) | SOLECTRIA PVI-50TL INVERTER, 50kW, 60.2A CONTINUOUS OUTPUT, 277/480VAC, INTEGRATED AC AND DC SURGE SUPPRESSION, DUAL AC AND DC DISCONNECT, AFCI, 15A DC INPUT FUSES                                     | 4   |
| (D) | PV PANELBOARD, 277/480V, 400A BUSBAR WITH 400A MAIN BREAKER, BRANCH BREAKERS AS NOTED, NEMA3R   | 1   |
| (E) | TRANSIENT VOLTAGE SURGE SUPPRESSOR INTEGRATED INTO PANEL, 120kA MINIMUM RATING  | 1   |
| (F) | CUSTOMER OWNED METER SOCKET FOR UTILITY OWNED SMART PROGRAM METER, 320A CONTINUOUS DUTY, SELF CONTAINED, 600V, 7-JAW WITH BYPASS LEVER, MILBANK U4911-X-BL OR EQUIVALENT                                | 1   |
| (G) | UTILITY REQUIRED AC DISCONNECT, HEAVY DUTY, 277/480VAC, 400A BLADE UNFUSED, CONTINUOUS DUTY RATED, LOCKABLE, VISIBLE BREAK, UNFUSED, NEMA3R, ACCESSIBLE 24/7, SERVES AS RAPID SHUTDOWN INITIATION POINT | 1   |
| (H) | HEAVY DUTY AC DISCONNECT, 277/480VAC, 400A BLADE WITH 400A FUSES, NEMA1   | 1   |
| (I) | EXISTING MAIN DISTRIBUTION PANELBOARD HP1, 600A BUS, 277/480VAC, PV TO TAP ONTO LINE SIDE OF MAIN CIRCUIT BREAKER, POINT OF INTERCONNECTION   | 1   |
| (J) | EXISTING UTILITY OWNED XFMR FOR BUILDING SERVICE, 277/480V Yg SEC, POINT OF COMMON COUPLING   | 1   |
| (K) | DAS FOR PV SYSTEM PRODUCTION  | 1   |
| (L) | WEATHER STATION IN ARRAY FIELD, CUSTOMER OWNED AND SPECIFIED  | 1   |

**TABLE 2: TRIP LEVEL SETTINGS TO STOP INVERTER** **V<sub>NOM</sub> = 277V L-G**

| ID | DESCRIPTION                 | SET POINT | TOTAL CLEAR TIME |
|----|-----------------------------|-----------|------------------|
| 1  | LINE UNDER VOLTAGE (FAST)   | 138.5 V   | 1.1 SEC          |
| 2  | LINE UNDER VOLTAGE (SLOW)   | 243.7 V   | 2.0 SEC          |
| 3  | LINE OVER VOLTAGE (SLOW)    | 304.7 V   | 2.0 SEC          |
| 4  | LINE OVER VOLTAGE (FAST)    | 332.4 V   | 0.16 SEC         |
| 5  | LINE UNDER FREQUENCY (FAST) | 56.5 Hz   | 0.16 SEC         |
| 6  | LINE UNDER FREQUENCY (SLOW) | 58.5 Hz   | 300 SEC          |
| 7  | LINE OVER FREQUENCY (SLOW)  | 61.2 Hz   | 300 SEC          |
| 8  | LINE OVER FREQUENCY (FAST)  | 62.0 Hz   | 0.16 SEC         |



## Attachment 2

### Description of System Modifications

*The interconnection of this distributed generation application is queued behind other applicants which may require system upgrades to the Eversource system, and the cost for those upgrades has been included as a requirement in their respective Interconnection Services Agreement(s).*

*If a prior applicant should dequeue or withdraw for any reason, the system conditions permitting the interconnection of succeeding applicant(s) may change. Upon the withdrawal of previously queued applicants, succeeding applicant(s) may become responsible some or all of the system upgrades that were required for the prior applicants, and Eversource may have to reassess system conditions to determine if the applicant currently under study would trigger the same upgrades*

***If you are planning to participate in the Net Metering Program three configurations pursuant to which paired systems are eligible to participate in the net metering program:***

- (1) the ESS charges only from the net metering facility and cannot export*
- (2) the ESS charges only from the net metering facility and can export*
- (3) the ESS charges either from the grid or the net metering facility and cannot export*

*The Department also sets forth certain other requirements related to the eligibility of paired systems to net meter and a process through which the host customer of a paired system must self-certify compliance with all net metering rules and regulations. Including inadvertent export which is defined as “the unscheduled and uncompensated export of real power from a generating facility for a limited duration, not to exceed 30 seconds.”*

*All metering must comply with Eversource Bluebook Standards, specifically regarding hot sequence and cold sequence.*

**The following upgrades are currently required for this DG Interconnection Application:**

- N/A

Attachment 3  
Cost of System Modifications and Payment Terms

The **Eversource** cost summary is shown below:

**Project Cost / Fees:** Project Work Order Number **4589421**

The enclosed total cost of **\$0 (+/- 25%)** regarding Project Work Order Number **4589421**, must all be paid in full to move the project forward into construction.

**Eversource's** and the Applicant will mutually agree upon a construction schedule which will take be required to consider inclement weather and customer outages for completion. This will be established upon the **Eversource** construction final design. Note: For customers with multiple projects, **Eversource** will require a priority listing of those projects and timeframe for completion to sufficiently order materials and to determine the projected construction schedule.

**The following check off items will be required, prior to commencement of system modifications and construction:**

- Payment in full prior to beginning of any construction work by **Eversource**
- Approved final electrical wiring inspection - 888-NEED PWR (888-633-3797)
- Approved final customer relay/protection settings for Recloser, if applicable
- Signed easement and/or rights documents, if applicable
- Verizon (pole set) areas or towns must be completed prior to **Eversource** modifications. *For clarity purposes this may include additional time and cost and should be completed prior to construction*
- Signed agreements to operate within **Eversource** Right-of-Ways, if applicable
- All Required Closeout Documents per Checklist

Your Witness Test for Final Commissioning can then take place once you have completed the check-off steps as part of the Interconnection Agreement and that the solar array is connected (energized) to Eversource's distribution system.

Please mail your payment, made payable to **Eversource** as shown below. Please reference the **Eversource** Electric Work Order # **4589421** on the check. This cost is valid for Ninety (90) calendar days from the date of this letter. Note: the customer is responsible for all costs on private property.

**Upon the 1<sup>st</sup> payment Eversource will then schedule the final engineering and design to be completed. This may take up to 2 – 3 months for review and approval based on the complexity of the Work Order.**

**Eversource**  
**ATTN: DG Group, WO# 4589421**  
**247 Station Dr, SW340**  
**Westwood, MA 02090-9230**

Attachment 4  
Special Operating Requirements

**General Clause:**

The Customer acknowledges and agrees to certain operating constraints required by the Company so that its Facility does not adversely affect the Company's electric power system or the quality of power delivered by it.

**General Off-unity power factor operation (for facilities of 500kW or greater):**

The Customer's Facility must be capable of operating at power factors within  $\pm 0.95$ , and the Customer must adjust the Facility's control parameters to output at power factors within that range at the request of the Company in order to mitigate voltage deviations or other power quality phenomenon on the circuits that interconnect the Facility. Any such requests will be issued to the Customer in writing. The Company may consult with the Customer in order to determine a control methodology that will provide adequate mitigation that is consistent with the control capabilities of the Facility and are of least impact to the Customer; however, the requirements will ultimately be determined at the sole discretion of the Company. Should the Company determine that the Customer is operating its Facility contrary to this requirement; the Company will disconnect the Facility and will not allow re-connection until the Company is satisfied that the customer has implemented appropriate changes to its controls and/or settings to achieve the required performance.

Inverters must have adjustable power factor. The Company has the right to go back and request off unity output from the DG interconnection.

*This facility will be tripped offline via an Eversource recloser when the normal electrical Feed is not in operation. This includes when the area is fed from another feeder which is not the normal electrical feed. The facility will not be allowed on-line until the normal electrical feed is restored to service.*





Nicholas Milano &lt;nmilano@medfield.net&gt;

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**Fwd: FY21 Firefighter Safety Equipment Grant Announcement**

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**William Carrico** <wcarrico@medfield.net>

Fri, Apr 2, 2021 at 10:27 AM

To: Kristine Trierweiler &lt;ktrierweiler@medfield.net&gt;, Nicholas Milano &lt;nmilano@medfield.net&gt;

Medfield Fire was just awarded \$15,000 for the FY21 Firefighter Safety Equipment Grant to purchase brush gear. This will eliminate capital item #15.

William C. Carrico II  
Fire Chief/EMD  
Medfield Fire  
112 North Street  
Medfield, MA 02052  
(O) 508-359-2323 Ext 3186  
(C) 508-498-3570  
(F) 508-359-2212

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----- Forwarded message -----

From: **Ostroskey, Peter (DFS)** [REDACTED]  
Date: Fri, Apr 2, 2021 at 9:23 AM  
Subject: FY21 Firefighter Safety Equipment Grant Announcement  
To: Ostroskey, Peter (DFS) <[peter.ostroskey@state.ma.us](mailto:peter.ostroskey@state.ma.us)>

Good Morning:

I am pleased to inform you that your fire department has been selected for an FY21 Firefighter Safety Equipment Grant Award. You may view your award amount on the attached list. A full award package with contract documents and instructions on next steps was placed in the mail to you this morning. If you do not receive this mailing by the end of the day next Friday (April 9<sup>th</sup>), please contact Tim Moore at [Timothy.Moore@mass.gov](mailto:Timothy.Moore@mass.gov) so that we can send you an electronic copy of the documents. Please sign and return these documents to DFS by mail no later than April 23<sup>rd</sup>.

The grant performance period end date for this program is June 30, 2021. I understand it may be challenging to have certain equipment delivered to your department prior to that date, but I urge you to make every effort to meet that deadline. DFS does have the ability to approve grant extensions on an as-needed basis. The contract package in the mail to you will have more information on the process for requesting such an extension should delivery of your approved equipment by June 30<sup>th</sup> prove unrealistic.

Please be sure to wait until you receive a fully executed contract from DFS to order any equipment associated with this program, and feel free to contact Tim Moore at [REDACTED] with questions at any time during this process.



Peter J. Ostroskey

State Fire Marshal

Department of Fire Services

P.O. Box 1025

Stow MA 01775



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**FY21 Firefighter Safety Equipment Award List.pdf**

609K



## Department of Fire Services Commonwealth of Massachusetts

### FY21 Firefighter Safety Equipment Grant Awards

| Recipient                                 | Award Amount |
|---|--------------|
| Abington Fire Department                  | \$14,993.75  |
| Acushnet Fire & EMS Department            | \$15,000.00  |
| Adams Fire District                       | \$11,219.45  |
| Agawam Fire Department                    | \$15,000.00  |
| Amesbury Fire Department                  | \$14,966.92  |
| Amherst Fire Department                   | \$19,952.90  |
| Andover Fire Department                   | \$19,999.00  |
| Aquinnah Fire Department                  | \$8,485.00   |
| Arlington Fire Department                 | \$20,000.00  |
| Ashburnham Fire Department                | \$12,491.54  |
| Ashby Fire & EMS                          | \$9,913.95   |
| Ashland Fire Department                   | \$14,955.00  |
| Athol Fire Department                     | \$15,000.00  |
| Attleboro Fire Department                 | \$20,000.00  |
| Auburn Fire Rescue Department             | \$15,000.00  |
| Ayer Fire Department                      | \$12,455.00  |
| Barnstable Fire District                  | \$9,980.00   |
| Barre Fire Department                     | \$12,500.00  |
| Becket Volunteer Fire Department          | \$8,500.00   |
| Bedford Fire Department                   | \$15,000.00  |
| Belchertown Fire Rescue                   | \$14,085.00  |
| Bellingham Fire Department                | \$12,304.00  |
| Belmont Fire Department                   | \$14,999.00  |
| Berkley Fire-Rescue                       | \$12,500.00  |
| Berlin Fire Department                    | \$9,938.00   |
| Beverly Fire Department                   | \$19,986.00  |
| Blackstone Fire Department                | \$12,420.00  |
| Blandford Fire Department                 | \$8,495.00   |
| Bolton Fire-EMS                           | \$10,000.00  |
| Boston Fire Department                    | \$32,000.00  |
| Bourne Fire/Rescue and Emergency Services | \$14,956.00  |
| Boxborough Fire Department                | \$10,000.00  |
| Boxford Fire Department                   | \$12,486.00  |

| Recipient                          | Award Amount |
|------------------------------------|--------------|
| Boylston Fire Department           | \$9,997.92   |
| Braintree Fire Department          | \$19,772.00  |
| Brewster Fire/Rescue               | \$12,500.00  |
| Brimfield Fire Department          | \$10,000.00  |
| Brookfield Fire Department         | \$10,000.00  |
| Brookline Fire Department          | \$25,983.44  |
| Buckland Fire District             | \$8,461.10   |
| Burlington Fire Department         | \$14,140.14  |
| Cambridge Fire Department          | \$31,854.00  |
| Canton Fire Department             | \$15,000.00  |
| Carlisle Fire Department           | \$10,000.00  |
| Carver Fire Department             | \$15,000.00  |
| Charlemont Fire Department         | \$8,469.83   |
| Charlton Fire Department           | \$13,099.65  |
| Chatham Fire Department            | \$12,500.00  |
| Chelmsford Fire Department         | \$10,743.00  |
| Chelsea Fire Department            | \$19,980.00  |
| Cheshire Volunteer Fire Department | \$7,825.00   |
| Chicopee Fire Department           | \$20,070.00  |
| Chilmark Fire Department           | \$7,779.00   |
| Clarksburg Vol. Fire Company       | \$8,500.00   |
| Clinton Fire Department            | \$7,718.00   |
| Cohasset Fire Department           | \$9,710.00   |
| Concord Fire Department            | \$14,990.00  |
| Dalton Fire District               | \$10,500.00  |
| Danvers Fire Department            | \$14,966.00  |
| Dartmouth Fire District One        | \$14,785.00  |
| Dartmouth Fire District No. 3      | \$14,994.00  |
| Dennis Fire Department             | \$14,999.52  |
| Devens Fire Department             | \$9,987.50   |
| Dighton Fire Department            | \$12,497.82  |
| Douglas Fire Department            | \$11,970.00  |
| Dover Fire Department              | \$12,500.00  |



## Department of Fire Services Commonwealth of Massachusetts

### FY21 Firefighter Safety Equipment Grant Awards

| Recipient                                 | Award Amount |
|---|--------------|
| Dracut Fire Department                    | \$15,000.00  |
| Dudley Fire Department                    | \$14,607.00  |
| Dunstable Fire Department                 | \$10,000.00  |
| Duxbury Fire Department                   | \$15,000.00  |
| East Longmeadow Fire Department           | \$15,000.00  |
| Easthampton Fire Department               | \$15,000.00  |
| Easton Fire Department                    | \$15,000.00  |
| Edgartown Fire Department                 | \$9,876.00   |
| Erving Fire Department                    | \$7,990.00   |
| Essex Fire Department                     | \$9,657.00   |
| Everett Fire Department                   | \$19,322.00  |
| Fall River Fire Department                | \$25,611.00  |
| Fitchburg Fire Department                 | \$19,075.00  |
| Foxborough Fire Department                | \$14,980.00  |
| Framingham Fire Department                | \$23,296.00  |
| Franklin Fire Department                  | \$19,975.00  |
| Franklin Regional Council of Governments* | \$58,040.00  |
| Freetown Fire Department                  | \$12,500.00  |
| Gardner Fire Department                   | \$15,000.00  |
| Georgetown Fire Department                | \$11,629.12  |
| Gill Fire Department                      | \$8,500.00   |
| Gloucester Fire Department                | \$15,000.00  |
| Goshen Fire Department                    | \$8,500.00   |
| Gosnold Fire Department                   | \$8,500.00   |
| Granby Fire Department                    | \$12,250.00  |
| Granville Fire Department                 | \$8,487.00   |
| Great Barrington Fire Department          | \$12,381.00  |
| Greenfield Fire Department                | \$15,000.00  |
| Groton Fire Department                    | \$11,688.00  |
| Groveland Fire Department                 | \$12,499.30  |
| Hadley Fire Department                    | \$12,500.00  |
| Halifax Fire Department                   | \$12,493.00  |
| Hamilton Fire Department                  | \$10,952.95  |

| Recipient                           | Award Amount |
|-------------------------------------|--------------|
| Hampden Fire Department             | \$12,430.00  |
| Hancock Fire Department             | \$7,900.00   |
| Hanover Fire Department             | \$15,000.00  |
| Hanson Fire Department              | \$15,000.00  |
| Harvard Fire Department             | \$12,500.00  |
| Harwich Fire Department             | \$12,172.00  |
| Hatfield Fire Department            | \$9,937.97   |
| Haverhill Fire Department           | \$24,704.00  |
| Hawley Fire Department              | \$8,500.00   |
| Hingham Fire Department             | \$14,762.38  |
| Holden Fire Department              | \$14,905.00  |
| Holliston Fire Department           | \$15,000.00  |
| Holyoke Fire Department             | \$19,512.22  |
| Hopedale Fire Department            | \$12,494.00  |
| Hopkinton Fire Department           | \$14,795.04  |
| Hubbardston Fire Department         | \$9,600.00   |
| Hudson Fire Department              | \$14,438.00  |
| Huntington Massachusetts            | \$8,472.30   |
| Hyannis Fire District               | \$14,940.00  |
| Ipswich Fire Department             | \$15,000.00  |
| Joint Base Cape Cod Fire Department | \$8,375.00   |
| Kingston Fire Department            | \$14,999.95  |
| Lakeville Fire Department           | \$15,000.00  |
| Lancaster Fire Department           | \$12,432.00  |
| Lanesborough Fire Department        | \$8,580.00   |
| Lawrence Fire Department            | \$25,999.98  |
| Lee Fire Department                 | \$12,494.90  |
| Leicester Fire Department           | \$15,000.00  |
| Lenox Fire Department               | \$10,542.05  |
| Leominster Fire Department          | \$20,000.00  |
| Leverett Fire Department            | \$8,500.00   |
| Lexington Fire Department           | \$20,000.00  |
| Lincoln Fire Department             | \$12,487.00  |



## Department of Fire Services Commonwealth of Massachusetts

### FY21 Firefighter Safety Equipment Grant Awards

| Recipient   | Award Amount |
|---|--------------|
| Littleton Fire Department                           | \$12,325.00  |
| Longmeadow Fire Department                          | \$14,885.06  |
| Lowell Fire Department                              | \$32,000.00  |
| Ludlow Fire Department                              | \$15,000.00  |
| Lunenburg Fire Department                           | \$15,000.00  |
| Lynn Fire Department                                | \$25,995.00  |
| Lynnfield Fire Department                           | \$15,000.00  |
| Malden Fire Department                              | \$24,355.00  |
| Manchester By-the-Sea Fire Department               | \$12,500.00  |
| Mansfield Fire Department                           | \$14,760.00  |
| Marblehead Fire Department                          | \$13,432.62  |
| Marion Fire Department                              | \$10,000.00  |
| Marlborough Fire Department                         | \$20,000.00  |
| Marshfield Fire Department                          | \$12,646.26  |
| Massachusetts Port Authority Fire-Rescue Department | \$25,500.00  |
| Mattapoisett Fire Department                        | \$12,500.00  |
| Maynard Fire Department                             | \$14,950.00  |
| Medfield, Medfield Fire                             | \$15,000.00  |
| Medway Fire Department                              | \$14,994.00  |
| Melrose Fire Department                             | \$14,941.00  |
| Mendon Fire Department                              | \$12,500.00  |
| Merrimac Fire Department                            | \$12,500.00  |
| Middleton Fire Department                           | \$12,500.00  |
| Milford Fire Department                             | \$14,986.08  |
| Millbury Fire Department                            | \$15,000.00  |
| Millis Fire Department                              | \$12,495.00  |
| Milton Fire Department                              | \$12,716.75  |
| Monterey Fire Department                            | \$8,500.00   |
| Montgomery Volunteer Fire Department                | \$8,500.00   |
| Nahant Fire Department                              | \$9,890.00   |
| Nantucket Fire Department                           | \$13,306.00  |
| Needham Fire Department                             | \$14,907.00  |
| New Bedford Fire Department                         | \$25,052.65  |

| Recipient                          | Award Amount |
|------------------------------------|--------------|
| New Marlborough Fire Department    | \$8,193.00   |
| New Salem Fire Department          | \$8,481.41   |
| Newburyport Fire Department        | \$15,000.00  |
| Newton Fire Department             | \$26,000.00  |
| Norfolk Fire Department            | \$15,000.00  |
| North Adams Fire Department        | \$14,995.00  |
| North Andover Fire Department      | \$14,904.90  |
| North Attleboro Fire Department    | \$10,473.00  |
| North Brookfield Fire Department   | \$9,995.14   |
| North Reading Fire Department      | \$11,429.00  |
| Northampton Fire Rescue Department | \$14,474.24  |
| Northborough Fire Department       | \$14,859.00  |
| Northbridge Fire Department        | \$14,994.00  |
| Northfield Fire Department         | \$9,810.00   |
| Norton Fire-Rescue Department      | \$14,985.57  |
| Norwell Fire Department            | \$15,000.00  |
| Norwood Fire Department            | \$14,880.00  |
| Oak Bluffs Fire Department         | \$9,929.00   |
| Oakham Fire Department             | \$8,500.00   |
| Onset Fire Department              | \$10,380.00  |
| Orange Fire Department             | \$12,500.00  |
| Orleans Fire Department            | \$12,500.00  |
| Oxford Fire-EMS                    | \$14,998.00  |
| Palmer Fire-Rescue Department      | \$12,449.07  |
| Paxton Fire Department             | \$10,000.00  |
| Peabody Fire Department            | \$26,000.00  |
| Pelham Fire Department             | \$4,720.00   |
| Pembroke Fire Department           | \$14,675.00  |
| Pepperell Fire Department          | \$15,000.00  |
| Peru Volunteer Fire Department     | \$8,498.00   |
| Petersham Fire Department          | \$8,315.00   |
| Pittsfield Fire Department         | \$20,000.00  |
| Plainfield Fire Department         | \$6,313.95   |



## Department of Fire Services Commonwealth of Massachusetts

### FY21 Firefighter Safety Equipment Grant Awards

| Recipient                     | Award Amount |
|-------------------------------|--------------|
| Plainville Fire Department    | \$12,478.12  |
| Plymouth Fire Department      | \$25,995.00  |
| Plympton Fire Department      | \$9,457.96   |
| Princeton Fire Department     | \$9,926.00   |
| Quincy Fire Department        | \$25,803.00  |
| Randolph Fire Department      | \$19,965.00  |
| Raynham Fire Department       | \$10,900.00  |
| Reading Fire Department       | \$14,975.98  |
| Rehoboth Fire Department      | \$11,072.41  |
| Revere Fire Department        | \$21,380.00  |
| Richmond Fire Department      | \$7,853.33   |
| Rochester Fire Department     | \$12,500.00  |
| Rockland Fire Department      | \$15,000.00  |
| Rowley Fire Department        | \$12,411.00  |
| Royalston Fire Department     | \$8,491.00   |
| Rutland Fire Department       | \$12,500.00  |
| Salem Fire Department         | \$20,000.00  |
| Salisbury Fire Department     | \$12,500.00  |
| Sandwich Fire Department      | \$15,000.00  |
| Scituate Fire Department      | \$15,000.00  |
| Seekonk Fire Department       | \$14,835.00  |
| Sharon Fire Department        | \$15,000.00  |
| Sheffield Fire Department     | \$9,735.00   |
| Shelburne Falls Fire District | \$8,360.00   |
| Shelburne Fire District       | \$8,500.00   |
| Sherborn Fire Department      | \$9,792.00   |
| Shrewsbury Fire Department    | \$20,000.00  |
| Shutesbury Fire Department    | \$8,473.00   |
| Somerville Fire Department    | \$24,960.00  |
| South Hadley Fire District 1  | \$15,000.00  |
| South Hadley Fire District 2  | \$12,498.00  |
| Southampton Fire Department   | \$12,480.00  |
| Southborough Fire Department  | \$6,850.00   |

| Recipient                           | Award Amount |
|-------------------------------------|--------------|
| Southbridge Fire Department         | \$15,000.00  |
| Southwick Fire Department           | \$12,475.00  |
| Spencer Fire and Emergency Services | \$15,000.00  |
| Springfield Fire Department         | \$32,000.00  |
| Sterling Fire Department            | \$12,499.92  |
| Stockbridge Fire Department         | \$8,025.00   |
| Stoneham Fire Department            | \$14,987.20  |
| Stoughton Fire Department           | \$15,000.00  |
| Stow Fire Department                | \$12,339.63  |
| Sturbridge Fire Department          | \$12,500.00  |
| Sudbury Fire Department             | \$14,880.00  |
| Sutton Fire Rescue Department       | \$12,177.70  |
| Swansea Fire Department             | \$14,820.00  |
| Tisbury Fire Department             | \$10,000.00  |
| Topsfield Fire Department           | \$12,500.00  |
| Townsend Fire-EMS Department        | \$12,498.12  |
| Truro Fire Department               | \$7,634.60   |
| Turners Falls Fire District         | \$12,500.00  |
| Tyngsborough Fire Department        | \$14,890.00  |
| Upton Fire - EMS Department         | \$12,500.00  |
| Uxbridge Fire Department            | \$14,510.00  |
| Wales Fire Department               | \$8,423.80   |
| Walpole Fire Department             | \$14,749.12  |
| Waltham Fire Department             | \$26,000.00  |
| Ware Fire Department                | \$12,500.00  |
| Wareham Fire District               | \$15,000.00  |
| Watertown Fire Department           | \$11,500.00  |
| Wayland Fire Department             | \$15,000.00  |
| Webster Fire-Rescue                 | \$14,988.00  |
| Wellesley Fire Rescue               | \$14,500.00  |
| Wellfleet Fire Department           | \$7,689.00   |
| Wendell Fire Department             | \$8,496.38   |
| West Barnstable Fire District       | \$10,000.00  |





## Department of Fire Services Commonwealth of Massachusetts

### FY21 Firefighter Safety Equipment Grant Awards

| Recipient                        | Award Amount |
|----------------------------------|--------------|
| West Boylston Fire Department    | \$12,500.00  |
| West Bridgewater Fire Department | \$12,312.00  |
| West Brookfield Fire Department  | \$9,527.14   |
| West Newbury Fire Department     | \$10,000.00  |
| West Springfield Fire Department | \$14,713.15  |
| West Stockbridge Fire Department | \$7,853.33   |
| Westborough Fire Department      | \$14,946.85  |
| Westfield Fire Department        | \$11,929.00  |
| Westford Fire Department         | \$15,000.00  |
| Westhampton Fire Department      | \$8,380.00   |
| Westminster Fire Department      | \$12,456.00  |
| Weston Fire Department           | \$14,449.24  |
| Westport Fire Department         | \$14,343.00  |
| Westwood Fire Department         | \$15,000.00  |
| Weymouth Fire Department         | \$22,494.00  |
| Whitman Fire/Rescue Department   | \$15,000.00  |
| Wilbraham Fire Department        | \$8,976.00   |
| Williamsburg Fire Department     | \$8,500.00   |
| Williamstown Fire District       | \$12,405.00  |
| Winchendon Fire Department       | \$14,960.00  |
| Winchester Fire Department       | \$14,400.00  |
| Worcester Fire Department        | \$31,998.30  |
| Wrentham Fire Department         | \$15,000.00  |
| Yarmouth Fire Department         | \$14,950.00  |

\*Regional award on behalf of the Bernardston Fire Department, Colrain Fire Department, Heath Fire Department, Leyden Fire Department, Sunderland Fire Department, Warwick Fire Department, and Whately Fire Department

