The electrical and telecommunications industry news in Eastern MA, ME, and NH

CONTENTS

POWERPOINTS

NECA's Leadership in Electrical and Tel/Data Construction Set to Shine at NECA Boston 2010

West Newton, MA – In 2010, the construction market, both in New England and nationally, has a decided emphasis on sustainable design, renewable energy, and cost efficiency. In keeping with these trends, when NECA 2010 Boston comes to the BCEC October 2-5, a primary focus of the industry's largest and most important electrical expo and convention will be green building, renewable energy, and the methods by which NECA contractors continue to be at the forefront of efficiently installing electrical and tel/data systems.

As the voice of the electrical industry that brings power, lighting and communications to buildings and communities throughout the U.S., NECA again will demonstrate its leadership in building technologies and impart critical hands-on knowledge to thousands of NECA contractors, building owners, managers and developers, engineers, and architects. Management and technical workshops will be presented by industry experts providing in-depth information on wide-ranging topics critical to the construction industry today, such as Building Information Modeling (BIM), Labor Productivity, and Facilities Energy Audits.

It is a tribute that Boston will host the 2010 convention for the second time in five years. Our contractors take great pride in the integral role they continue to have in building our great city and region. From the evolving Seaport area, with the BCEC and the new ICA as centerpiece, to the city's infrastructure with such projects as the Zakim Bridge and the Silverline, NECAs commitment to quality and safety remains paramount. The national expo provides us the ability to showcase our city's leadership in education, healthcare, biotech and hospitality. The Boston Center for Life Sciences is just one gleaming example of our contractors' recent work in the biotech/research community, and the Dana Farber'sYawkey Center will be nearing its final stages of construction that shows the progressive nature of our work in the field of healthcare. Hotels from the Renaissance and the Liberty, to the Fairmount Battery Wharf and W Hotel will welcome thousands of visitors to our great city. And, progressive renewable energy projects, both wind and solar, that our region has pioneered and advanced -- from corporate facilities to agricultural installations, will be testimony to our region's commitment to alternative energy. (See the article on page 4 regarding the National Grid 1MW solar generation facility.) Boston Chapter NECA is indeed well prepared to present our region in the most favorable light.

Glenn Kingsbury

108 Electricians and Telecom Technicians Graduate at 64th JATC Training Ceremony

Dorchester, MA – On June 3 at the 64th Annual Boston JATC Graduation ceremony at Local 103 in Dorchester, 90 electricians and 16 telecom apprentices graduated from the one of the strongest electrical industry training programs in the U.S. NECA Boston Executive Manager Glenn Kingsbury and Local 103 Business Manager Michael Monahan were among the speakers. Kingsbury encouraged the electricians, professional builders, to continue to build both their “skills as craftsmen” and as individualists. And, to be guided by the NECA and IBEW “Code of Excellence.” At the ceremony, James Fahey, a longtime instructor at the JATC, received the first Annual Russell F. Sheehan Distinguished Service Award. Russell Sheehan, a former Local 103 Business Manager and Trust Fund Administrator, passed away earlier this year.

Governor Patrick Joins Broadway Electrical as Medway High School “Switches” to Solar Power

West Newton, MA – In April, Governor Deval Patrick headed a ceremony that marked the completion of Broadway Electric’s 132 kW solar PV installation that will help save Medway Public Schools over $15,000 a year in energy.

Accompanying This Issue

The Boston Chapter of NECA is pleased to include a recent issue of Electrical Design Library with this issue of Connections – Six Ideas That Will Change Your Building’s Energy Profile. It provides building owners and managers information relating to promising building technologies that can enhance the building’s energy efficiency.

Electrical Design Library

Six Ideas That Will Change Your Building’s Energy Profile

CONNECTIONS is a quarterly publication of the Boston Chapter of the National Electrical Contractors Association / Electrical Contractors Association of Greater Boston, Inc., 106 River Street, West Newton, MA 02465. Phone 617-969-2521.

Mission: CONNECTIONS is designed to provide information relating to current happenings in the electrical construction industry in Eastern Massachusetts, Maine, and New Hampshire and to report activities of the Boston Chapter of NECA and its members. Your comments are welcome. We can be reached via e-mail at: info@bostonneca.org
Jamaica Plain, MA – In the most significant museum expansion and renovation project currently under construction in the U.S., J. & M. Brown Co., Inc. (JMB) of Jamaica Plain has completed electrical construction of the new American Wing, Shafir Visitor Center, and Ruth and Carl J. Shapiro Family Courtyard at the Museum of Fine Arts Boston (MFA). The project also included renovation of the MFA’s historic Huntington and Fenway entrances and galleries.

JMB provided the 133,500 sq. ft. museum with comprehensive new power distribution, life safety, lighting, and lighting control systems. A key requirement was the NECA contractor’s ability to keep all museum systems operational at all times throughout construction.

Primary & Emergency Power Challenges

Primary power included installation and wiring of six (6) major pieces of Cutler Hammer electrical switchgear. Emergency power for the new American Wing and the existing MFA building is provided via a Cummings 1500kW generator. The enabling work provided for the new building footprint was extensive, requiring the removal of old distribution equipment, lighting control, and fire alarm from areas now within the new building footprint. The new generator ties in all systems, including life safety circuits. “The museum never shuts down so a parallel installation process was critical,” Project Manager Robert Carabia said.

Planning and coordination of MEP equipment was crucial, as all equipment was delivered to the basement level of the new building and intricate rigging was necessary to transport systems. Electrical switchgear and the massive generator were first rigged into electrical rooms, which are the farthest from the basement level rigging point. Air handler units, boilers, and plumbing skids were then transported, as coordinated as planned.

A significantly accelerated work schedule was required for the west end switchgear installation. Here, the existing NSTAR vault required decommisioning and JMB coordinated a plan with NSTAR, installing a separate NSTAR transformer to refeed the existing west end equipment.

The project required four power shutdowns to enable cutovers to new systems. The first occurred with the reenergization of the existing 480V switchgear, which provides power to all utilities, including chiller and heating systems for the MFA’s galleries and exhibitions. Power shutdowns and cutovers were scheduled overnight, during off-hours for the museum. JMB’s foreman and night crew of 10 to 12 electricians managed the shutdowns without incident. Concurrently, JMB installed and energized the new NSTAR vault for the new American Wing during mid-winter 2009, as temperature and humidity control were necessary for installation of wood floors.

Life Safety System & Tie-Ins

JMB installed and wired the MFA’s new EST bidirectional fire alarm system in the Fenway and Huntington entrances, the Shafir Visitor Center, and the new American Wing. The contractor integrated the facility’s existing Honeywell system and the new EST system. Both systems report to the new EST fire alarm command center in the MFA’s Fenway entrance. The existing command center, which had been located more than 600 feet away at the Huntington entrance, was kept fully operational throughout the installation.

The MFA’s life safety system installations, which included new annunciators, atrium fan control, and a fuel annunciator, coincided with completion of the Huntington entrance project phase. JMB also provided fire alarm system programming and testing.

Extensive Lighting Package

Facility lighting was elaborate, as the project incorporated more than 100 different types of fixtures, including nearly three (3) miles of specialty museum track lighting from Litelab. A sophisticated Lutron lighting control system provides total function control of lighting in galleries, floor outlets for displays, shade control, and AV systems. JMB handled lighting installations with close cooperation from lighting supplier Yale Electric Supply of Boston.

At peak construction in the three-year project, JMB managed a field crew of 50 IBEW Local 103 electricians headed by Project Superintendent Jim Reidy.

Budge Upton, Director of Project Development and Construction for the MFA, commends electrical construction.

Upton commented on the project, “J. & M. Brown has been a vital part of the project team. They are very much a team player and assembling the right project team is a key to every project’s success. The project was especially difficult, as renovation of the existing MFA building was ongoing with construction of the new building, making integration of systems demanding. J. & M. Brown handled their work diligently and adeptly, both from a construction standpoint and administratively.” Upton added, “The standards for the MFA are very high. The architect, Norman Foster, has great expectations for his firm’s design of the facility and the project required an electrical contractor that could meet those standards. J. & M. Brown has done just that.”

At peak construction in the three-year project, J. & M. Brown managed a field crew of 50 IBEW Local 103 electricians headed by Project Superintendent Jim Reidy.

When it opens in November 2010, the MFA’s new American Wing will feature 60,000 sf of gallery space encompassing 53 galleries designed by Pritzker Prize-winning architects Foster + Partners of London.

J. & M. Brown Company, Inc., founded in 1921, is one of New England’s oldest electrical contracting firms. Company principal, David Noon, serves on the NECA Boston Chapter Board of Directors and is a past Treasurer. JMB provides electrical construction, telecomm, fire alarm, and security system services for commercial, industrial, healthcare, pharmaceutical and educational facilities throughout Eastern MA.
Waltham, MA – Lynnwell Associates of Boston has completed solar installations of Massachusetts largest solar generation facility at National Grid’s New England Distribution Center (NEDC) in Whitinsville, Massachusetts. The NECA member electrical contractor provided services under subcontract to general contractor Nexamp of North Andover, Massachusetts. The 1MW National Grid photovoltaic system is the Commonwealth’s first utility-owned solar site in service under the 2008 Green Communities Act, which allows utilities to own up to 50MW of solar generation. National Grid went “live” with the system in the Blackstone Valley in May.

Massachusetts’ Lieutenant Governor Timothy Murray, Secretary of Energy and Environmental Affairs Ian Bowies, DOER Commissioner Phil Giudice, community representatives, and National Grid’s solar contractors attended a special celebratory event and ribbon-cutting at the National Grid site on May 27th.

National Grid received approval from the Mass. Department of Public Utilities to design, build and operate five utility-owned solar generation facilities that would yield approximately five (5) megawatts of power in October 2009. The Whitinsville facility is the company’s first in service, with other solar sites in development in Dorchester, Everett, Haverhill and Revere.

“Completion of this facility is yet another major milestone in helping to advance policy objectives across the Commonwealth, develop a greener local economy and use more clean energy in our day-to-day lives. The project supports the solar industry both in materials and in construction jobs within the state,” said Ed White, vice president, Energy Products for National Grid. He added, “We applaud the Patrick-Murray administration and the legislature for supporting programs such as this. We are proud to be the first utility to add more renewables to the New England energy mix and take tangible action to help mitigate climate change.”

Lieutenant Governor Murray commented on the project, saying, “As Governor Patrick and our administration continue to make strategic investments to support innovation, job creation, and the state’s long-term economic growth, we are also investing in a clean, green, and healthy future for our Commonwealth. The Green Communities Act supports our efforts to encourage the use of clean technologies, and our administration applauds National Grid’s leadership by installing the first utility-owned solar generation facility in the state.”

Secretary of Energy and Environmental Affairs Ian Bowies said, “I congratulate National Grid on this impressive solar installation – the largest in the state, and the first to be owned by an electric utility under the Green Communities Act. This solar array consists of Massachusetts-made solar panels, installed by Massachusetts firms and workers, generating clean, renewable energy for Massachusetts consumers for years to come. This is what our clean energy future looks like.”

National Grid’s solar system, which was built on time and under budget, is expected to cost less than $6.5 million. The company anticipates that the Whitinsville project will cost an average residential Massachusetts customer approximately a penny per month over the 20-year life of the project.

Lynnwell’s project scope included installation of the system’s solar panels, conduit, wire and solar inverters. The contractor installed 4,683 - 210W solar panels manufactured by Evergreen Solar of Marlborough, MA. The massive rooftop solar array covers approximately two acres. The system’s inverters were manufactured by SMA America of Rockland, CA. Lidco Electrical Contractors of Holden, MA provided electrical modifications to the NEDC building to facilitate installation.

The system is capable of generating 983,430 kilowatts of electricity. It is estimated that it will produce approximately 1,148,560 kilowatt-hours per year, enough to serve nearly 200 homes annually. The solar generation system will reduce approximately 1.3 million pounds of carbon each year, the equivalent of removing more than 400 passengers car from the road; eliminating CO2 emissions from burning 11.4 railcars of coal; and reducing CO2 emissions from burning nearly 5,000 barrels of oil.

National Grid estimates that more than 50 green jobs were provided in the Commonwealth in the renewable energy project. “Projects such as this take skilled and talented hands that have working knowledge of cutting-edge technologies. Without our many and varied local solar experts, this accomplishment would have been much more challenging,” White said. “Kudos to the solar marketplace who helped us bring in the sunshine and deliver its clean power to our customers.”

Lynnwell Associates’ Project Manager Larry Mahoney and Foreman John Lieve managed a field crew of 17 electricians from IBEW Local 103 in Boston and Local 96 in Worcester at peak construction in meeting the fast-track 2-1/2 month project schedule.

Dennis Mahoney, Lynnwell President commented on the project saying, “Lynnwell was well supported with an outstanding construction crew from IBEW Locals 103 and 96. The system designer and engineer, Zapotec Energy, deserves much credit for outstanding workmanship and we are also pleased to have had the opportunity to work with general contractor Nexamp in handling electrical installations at the State’s largest solar generation facility.”

Lynnwell Associates is a full-service electrical construction company founded in 1981 by its president Dennis Mahoney and Frederick Richardson. The firm provides electrical, telecommunications, fire alarm and security system installations for municipal, industrial and institutional facilities throughout eastern Massachusetts. Lynnwell received special recognition as a 25-year NECA member in 2009.
INSTILLATIONS
An inside look at recent projects completed by NECA Greater Boston Chapter members

State Electric of Woburn Completes $11M Electrical Renovation and Construction of Paramount Center Complex at Emerson College

NECA Boston Chapter Contractor on project team with Architect: Elkus/Manfredi Architects, Boston; GC: Bond Brothers, Inc., Everett, MA; EE: Vanderweil Engineers, Boston

Boston, MA – State Electric Corporation of Woburn, MA has recently completed the $11,000,000 electrical construction of the 9-story, 187,555 square foot Paramount Center complex at Emerson College on Washington Street in Downtown Crossing. The project converted the original Paramount Theater building into a new multi-dimensional theater and educational complex. It entailed the extensive renovation and redevelopment of the landmark Paramount Theater and the adjacent new Emerson residence hall building.

State Electric’s elaborates project scope included installation of primary and emergency power systems, interior and exterior lighting, life safety, security, and tel/data systems. Permanent power is provided to the complex by an underground NSTAR vault and through a collector bus which feeds up 2 floors to the complex’s main switchboard. Emergency power and life safety system power is provided by a Caterpillar 550KW Emergency Generator. The contractor also provided temporary power for the project, connecting into the nearby Opera House.

The historic Paramount Theater’s (circa 1932) original, classic art deco facade and marquee, with its upright 7,000 bulb illuminated sign, have been fully restored. The existing theater building has been redeveloped into a 5-story building, which features the 550-seat main stage live performance theater. A focal point of the restored grand theater is the unique lighting package, which replicates its original Beaux Arts period lighting. High-end custom fixtures dramatize the theater’s architecture. All lighting is controlled by a state-of-the-art architectural dimming system. The Lutron graphic lighting control system interfaces with lighting throughout the theater building and features hand-held lighting programmers, as well as a PC work station. The user-friendly system provides a multitude of programming options, including 7-scene station function with pre-programmed scene controls.

The facade of the adjoining new 9-story Emerson residence hall features a unique 60 x 40 foot LED video wall. It is designed to transform the facade into a visual display of imagery reminiscent of theatre and vaudeville performances of the 1930s and ‘40s through 21 arched windows lined with 4,710 LED bulbs. The top four floors have uniquely designed, "stacked" student dormitory rooms housing approximately 260 Emerson College students. The building integrates a 125-seat black box theater, a 200-seat film screening room, a film sound stage, a scene shop, multiple rehearsal and practice rooms as well as faculty and staff offices. This project phase was completed in August 2009 as students moved in for the Fall semester.

At peak construction, State Electric supervised a field crew of 66 electricians and telecom technicians from IBEW Local 103. Project Manager Christopher Mahoney and General Foreman Ken Kehoe provided project management and supervision. In discussing the project’s challenges, Mahoney said, “As with most downtown work, managing the logistics of transporting materials, equipment, and the workforce to the site in an efficient manner was critical.”

Discussing the impact of the volatile economy on material pricing in a multi-year project, Mahoney said, “State Electric worked closely with our vendors to effectively manage escalating material pricing. It was especially important with the quantity of conduit, cable and wire that was installed at the Paramount Center.”

The new Paramount Theater opened, as scheduled, in December 2009. The theater, which originally opened in 1932, had been closed since 1976. The project is a key component in the revitalization of Downtown Crossing in Boston.

State Electric President Ron Koning commented on the project, saying, “The revitalization of Emerson College’s landmark Paramount Center and residence facility in the heart of Boston’s Downtown Crossing is gratifying for State Electric. We worked closely with Emerson College’s outstanding project team – Bond Brothers, Elkus Manfredi Architects and Vanderweil Engineers – in meeting project schedules to deliver state-of-the-art power, life safety, and lighting systems at the historic building.”

Established in 1988, State Electric Corporation is a second generation, multifaceted electrical contracting company that provides electrical construction to diverse commercial, institutional and utility projects throughout Eastern New England. Founded by Ronald Koning, Sr., the company is now headed by his sons, President Ronald Koning, Jr. and Jon Koning, Vice President. Ronald Koning, Jr. serves as a Director on the NECA Boston Chapter Board of Directors.

Broadway Electrical Completes $11M Electrical Construction of W Hotel Boston in Theatre District


Boston, MA – Broadway Electrical Co., Inc. of Boston has completed the $11,000,000 electrical construction of W Hotel Boston in the first phase of the W Hotel & Residences project, on Stuart Street in the heart of Boston’s Theater District. Broadway’s comprehensive project scope at the 26-story, 425,000 square foot four-star W Hotel and luxury condominium mixed-use building included installation of primary and emergency power, lighting, fire alarm/life safety, tel/data, security, and A/V systems.

The project also included Broadway’s electrical installations for the two-level below grade structured parking facility for 142 cars, which due to space constraints, utilizes an automated mechanical car-stacker system.

The luxury hotel and residential complex features state-of-the-art life safety systems and energy efficient lighting and building management systems. The 235-room hotel occupies 200,000 square feet on the floors 1 through 15. W Boston features the acclaimed “Market by Jean Georges” restaurant, the urban oasis W lounge with internet access, a fitness center, and 5,000 square feet of meeting/event space with the latest audio-visual system technology provided by Access Point. All hotel rooms are equipped with high speed internet and state-of-the-art entertainment systems featuring 37” flat panel LCD TVs.

Broadway met fast-track project schedule requirements, as the W Hotel opened October 30, 2009, in time for Boston’s vibrant holiday and winter theater season. At peak construction, Broadway managed a field crew of 60 electricians and technicians from Local 103.

“Through close coordination with the CM Bovis, Broadway was able to meet numerous logistical challenges that the tight site in the Theatre District presented,” said Project Manager Eric McHattin.

Construction of the 123 residential condominium units, located on floors 16 through 26, is also ongoing in the phased construction project.

Broadway Electrical Co., Inc., founded in 1936, is a third generation full service electrical construction company. Company CEO Larry Hunwitz serves as current President of NECA Boston Chapter. One of the Northeast’s largest electrical contractors, the firm provides electrical and tel/data services to commercial, educational, healthcare, technology, biotech, and government facilities.
CONTRACTORS CONNECTING THE WORLD WITH POWER + LIGHTING + INTEGRATED SYSTEMS + RENEWABLE ENERGY SOLUTIONS

When NECA 2010 Boston comes to the BCEC, October 2-5, leading electrical construction professionals throughout the U.S. will gain a firsthand view of the latest advances in electrical products and technologies they will use to connect facilities and infrastructure projects with the most energy efficient power, lighting and integrated systems. The world’s leading trade show and exhibition will have a focus on green building technologies and renewable energy projects. Visit www.necaconvention.org for the latest exhibitor list.

POWERFUL EDUCATIONAL PROGRAMS

Pre-Convention Workshops are intended to ensure that NECA contractors and their electrical workers maintain their technological superiority in the industry. Workshops include:

- Significant Proposed Changes to NFPA 70E 2012
- NJATC Healthcare Systems
- Facilities Energy Audit Program
- Achieving Selective Coordination
- OSHA 10 for Outside
- LED Technology
- Alternative Energy Solutions
- EEI Contractor Safety Initiative
- ET&D Best Practices
- Advanced Lighting Controls
- 2011 NEC Significant Changes

Management Seminars – NECA contractors will have a number of seminars designed to enhance their management teams and operations, including:

- Project Tracking to Improve Labor Productivity: An Earned Value Approach
- Opportunities in Healthcare
- Smart Grid Technologies
- How to Define Your Business from the Client’s Perspective
- Optimal Competitive Crew Rates to Compete with Open Shops
- Leading in Turbulent Times

Technical Workshops will provide information on the latest and most innovative advances in the electrical, power, and cabling industries. Tracks include:

- Design, Finance and Installation of Solar Electric Systems
- Lighting Controls for Daylight Harvesting
- Energy Saving Fluorescent Lighting Systems
- PV Grid Tied Systems Design Principles
- Advanced Lighting Controls

AN EXPO ENERGIZED BY LEADING MANUFACTURERS

Building Automation & Controls • Codes, Standards, Certifications • Conduit, Raceway • Safety • Green Energy • Lighting • Motors & Controls • Power Quality

At NECA 2010 Boston, nearly 300 vendors will connect NECA contractors and their construction industry partners into the electrical industry’s most advanced products and services from the world’s most respected and dynamic manufacturers, distributors, and service organizations. Exhibitors include such names as 3M, Ericson, Fluke, Electri, GE, Graybar, Honeywell Power, Klein, Lutron, Osram Sylvania, Panduit, Siemens Industry, SolarDock, Westinghouse Solar and Tyco Electronics.

Electri Int’l. Talent Initiative – Green Energy Challenge Finalists to Present
14 NECA student chapters teams identify a manufacturing facility in their community in need of energy efficiency improvements. Students conduct an energy audit of the building power and lighting systems and a preliminary design of an energy retrofit for these systems. Teams also design a new PV or wind energy system for the facility.

The Energy Solutions Program is another key facet of NECA Boston 2010. Focusing on energy conservation, energy efficiency, and renewable energy, NECA contractors have a track record as market leaders in comprehensive energy solution strategies. Cutting edge renewable energy and sustainable construction companies will showcase their products.

REGISTER NOW
Electrical engineers, general contractors, architects, building owners, managers and developers are invited to join NECA contractors in learning more about the latest technologies being utilized in commercial buildings, infrastructure developments, and renewable energy projects. For more information and to register for NECA Boston 2010, visit necaconvention.org/convention/?fa=register

Your Free Connection to NECA 2010 Boston!
With this issue, NECA Boston Chapter is pleased to provide a complimentary admission to the world’s most dynamic electrical trade show, NECA 2010 Boston, October 2 - 5 at the Boston Convention and Exhibition Center. Don’t miss it!
lewiston, ME – E.S. Boulos Company (ESB) of Westbrook, Maine is underway with electrical construction of the Central Maine Medical Center (CMMC) Emergency Department (ED) expansion and new central hospital laboratory project in Lewiston, Maine. The construction/renovation project will expand and enhance CMMC’s Emergency Medical Services and Pathology and Laboratory Medicine departments.

The comprehensive electrical project scope will include ESB’s augmentation of the hospital’s existing electrical infrastructure, including the primary power, life safety and critical branches; expansion of the facility’s communications system; installation of a new voice-over IP system; and expansion and upgrading of the facility’s Siemens’ fire alarm system. ESB will also provide power distribution, tel/data fit-out and security system wiring in the CMCC Emergency Department (ED) and new laboratory.

The Central Maine Medical Center ED and laboratory will feature a new electrical distribution system. Lighting systems, to be installed by ESB, are designed to meet “Efficiency of Maine standards” and will include the integration of LED lighting technology in designated areas of the facility. Sophisticated systems and equipment will be installed, including a Patient Locator System, GE Specialty equipment in Gamma rooms, Paging System, and Nurse Call System.

Construction is scheduled in three phases, each of which affect currently occupied areas. Keeping the CMMC facility fully operational throughout construction is a critical aspect of the project. Much of the work is scheduled to be conducted on nights and weekends to minimize impact to patients, staff and visitors. The fast-track project commenced in February 2010 and is scheduled for completion in March 2012.

3-D modeling will be utilized to enhance the project’s efficiency and allow for conflict resolution of any potential design problems prior to on-site field work. The project will nearly double the size and capacity of CMMC’s Emergency Department to 40,000 sf, accommodating approximately 50,000 patients annually. The new ED will house 44 private patient rooms, decreasing patient wait times and enhancing privacy.

The project will more than triple the facility’s laboratory space (to 55,000 square feet) and also it’s capacity. The state-of-the-art lab is designed to meet current needs (nearly one million tests annually) and future ones, while optimizing lab efficiency.

E.S. Boulos project manager Lescar Beane, site supervisor Jason Queen, and foreman Robert Lussier will supervise an electrical team of 10 IBEW Local 567 electricians. ESB’s tel/data foreman Herbert Geroux will manage field crew of 3 telecom technicians from IBEW Local 567.

The CMMC facility includes a Level II trauma center, the Central Maine Heart and Vascular Institute, a Neonatal Intermediate Care Unit, and the Central Maine Comprehensive Cancer Center. One of Maine’s two LifeFlight of Maine medical helicopters is based at CMMC. The Central Maine Regional Resource Center for Emergency Preparedness is also headquartered at CMMC.

E.S. Boulos is providing electrical construction on the Portland Jetport expansion utilizing a BIM platform.