EVERETT, MA – In 2019, T&T Electrical Contractors, Inc., headquartered in Everett, MA, completed the comprehensive electrical construction of the Encore Boston Harbor luxury hotel tower. The NECA Boston contractor’s scope included electrical fit-out and fire alarm installations in all of the 671 hotel rooms and suites of the iconic new 24-story, 730,000 square-foot curved glass façade structure.

The electrical scope included installation of the hotel’s elaborate electrical distribution system, lighting, and the integration of the building’s advanced Creston lighting control and INNCOM guest room automation systems. These systems seamlessly integrate with the building’s advanced Creston lighting control and INNCOM guest room automation systems. These systems seamlessly integrate with a wide range of systems and electrical devices to control and monitor temperature, lighting, automated curtains, and other electronic devices in each hotel room. The INNCOM system delivers 25 - 40% guest room energy savings. The hotel’s elaborate lighting package is comprised of an array of high-end custom LED fixtures. The project also entailed roof lighting, aircraft lighting on the roof, and wiring for the Encore Boston Harbor hotel’s signature lit exterior signage.

Pre-planning, Design Phase, and Prefabrication Integral to Project
Encore Boston Harbor was constructed with post-tension design, adding to the complexity of the electrical project. The design and construction process required all electrical rough wiring to be installed vertically up the building. In the pre-planning phase, T&T provided detailed CAD coordination and utilized Trimble GPS to locate all 8,000 concrete sleeves for wiring and distribution up the building. The design phase also included CAD coordination and layout for all prefabrication components.

To meet the fast-paced schedule, T&T Electrical prefabricated pipe and pipe-rack assemblies as well as electrical device packages – switches, receptacles, brackets and cables – for all 671 rooms in their own UL-Listed prefabrication shop in Woburn, MA.

The NECA Boston contractor managed a field crew ranging upwards of 150 IBEW Local 103 electricians at peak construction and Encore Boston Harbor teams in the construction of the this world-class hotel, one of Greater Boston’s highest-profile private development projects ever built.

Encore Boston Harbor was designed and constructed to meet the highest sustainability standards in the industry and recently achieved LEED Platinum certification. The luxury resort hotel opened in June 2019.

Aldon Electric Completes 5.8MW Solar Landfill Project in Ashland, MA
NECA Contractor teams with GC: CS Energy, Edison, NJ; EE: RLC Engineering, Hallowell, ME; Owner: Ashland Solar, LLC

WEYMOUTH, MA – Aldon Electric, Inc., based in Weymouth, MA, has completed electrical construction of the 5.8MW ground-mount solar array project on a 12-acre capped landfill, a Superfund Site, located at 50 MBTA Access Road in Ashland, MA.

The utility-scale solar project is comprised of the installation of 15,562 ballast-mounted PV modules manufactured by Boviet Solar USA, and 26 combiners which feed into 3 central solar inverters. Aldon Electric’s PM John Michael and Foreman Tony Michael headed the project team, managing a crew of 57 IBEW Local 96, Local 223 and Local 103 electricians in the fast-tracked three-month project. The NECA contractor commenced work in October 2019 and completed the renewable energy project in January 2020, working through harsh winter conditions in December. The capped landfill solar project required daily monitoring of ground disturbance by the Department of Environmental Protection.

The Ashland solar project went on the grid in January 2020.

For a complete directory of NECA Greater Boston Chapter member firms, call 1-877-NECA-IBEW or visit us at www.bostonneca.org.
RELIABLY POWERING GREATER BOSTON AND EASTERN NEW ENGLAND.

NECA and IBEW set the standard for excellence in electrical, telecom, and renewable energy projects throughout Eastern New England.

In the world of construction, quality and safety are critical to every project. Which is why leading architects, general contractors, building owners, and facility managers throughout Eastern New England rely on the skilled union electricians of Local 103 of the International Brotherhood of Electrical Workers (IBEW) and the professional electrical contractors of the Greater Boston Chapter of the National Electrical Contractors Association (NECA). For nearly a century, IBEW and NECA have literally helped build our region. From our most cherished historical sites and renowned educational institutions, to major transportation projects, leading technology companies, community schools, and libraries, our landmarks shed light on a century of electrical construction unsurpassed in quality.

Take a close look at just a few of the recently completed projects by NECA Greater Boston Chapter members. It will tell you where to turn for the highest standards in electrical, telecom, and renewable energy construction.

Rely on the power of quality electrical work. Call 877-NECA-IBEW for a complete directory of NECA Greater Boston Chapter Members, or visit us at www.bostonneca.org

The future of renewable energy and green buildings is here.

Proud Partners

www.The103Advantage.com (877)NECA-IBEW (632-2423) www.bostonneca.org

For a complete directory of NECA Greater Boston Chapter member firms, call 1-877-NECA-IBEW or visit us at www.bostonneca.org.