

Aldon Electric, Local 103 and Local 223 Team to Complete New England's Largest Solar Parking Canopy at Bristol Community College, Fall River, MA



Aldon supervised a field crew of 30 IBEW Local 103 electricians, which expanded to more than 50 electricians at peak construction. The Local 103 base crew was supplemented with electricians from IBEW Local 223. The project scope encompassed installation of more than 10,000 solar panels, 4-500 KW inverters, and 48 Combiners, all fiber optic lines for the solar monitoring system, and a mini-15kV substation that back-feeds through the grid. LED pendent lighting was distributed throughout the underside of the entire canopy.

The Aldon-IBEW team met significant weather challenges, working through the snowiest winter on record, to achieve project completion in April 2015.

The BCC solar canopy's clean energy production will reduce carbon emissions by more than 1,500 tons each year. The power generated is equivalent to meeting the energy use of more 228 homes each year.

Fall River, MA – IBEW Local 103 contractor, Aldon Electric, based in Weymouth, has completed the 3.187 MW solar parking canopy at Bristol Community College in Fall River, MA. Aldon handled the solar electric installations as a subcontractor to solar developer, Sun

Edison. The solar array covers more than 6 acres and will generate over 34 million kWh of energy annually, enough to power the campus' electricity needs, and result in an estimated energy savings of more than \$1.75 million for the college over 20 years.

PROJECT NEWS AND JOB UPDATE

McDonald Electrical's MEC Power Group Completes Twin Rivers Technologies 1.8MW Cogen Plant



The Local 103 contractor's project scope comprised installing new medium voltage switchgear, low voltage controls and instrumentation, and Fire Alarm to support and distribute power from the new cogeneration plant. MEC Power Group's Director Chris Lombardi and PM Scott Fallon managed a field crew of 15 IBEW Local 103 electricians in the fast-track 4-month project, which was completed in November. The MEC team is also providing commissioning of the new cogen facility. Twin Rivers Technologies is one of the largest oleochemical producers in North America.

QUINCY, MA – MEC Power Group, the high-voltage/utility division of McDonald Electrical Corp., based in Hingham, has

installed a new 1.8MW combined heat and power cogeneration plant at the Twin Rivers Technologies facility in Quincy, MA.