



# CONNECTIONS

Western Ohio Chapter • National Electrical Contractors Association



Published for members of NECA, Western Ohio Chapter • IBEW Local 82 • Miami Valley Business Community

July, 2020

## Chapel welcomes GM DMAX to Brookville

Chapel Electric is honored to welcome GM back to the Dayton area with the new GM DMAX plant in Brookville. DMAX is a joint venture between GM and Isuzu, with GM being the majority owner. The Brookville plant represents a much needed \$175 million dollar investment into the local economy and it will be the second DMAX facility in the area. DMAX Moraine plant has built more than 2 million engines since 1999 and employs more than 800 workers.

Construction is well underway on the Brookville plant, which is situated on 75 acres and is located in the area of West Campus Boulevard and Collective Way. Upon completion in early 2021, the new facility will bring more than 100 new

manufacturing jobs to the area and will begin operations



New DMAX facility in Brookville.

utilizing approximately 251,000 square feet, with future

expansion plans that may quadruple its size.

The new DMAX Brookville Plant will house equipment for the machining of Blocks and Heads that go into the 6.6-liter diesel Duramax engine. The new plant will send machined engine components to the original DMAX plant in Moraine. From there the finished diesel engines will go to a GM assembly plant in Flint, Michigan, where the DMAX

*Cont'd pg.2*

## ESI renovates Dayton Children's Hospital

ESI Electrical Contractors has been working at Dayton Children's Hospital on several projects over the past four years. They are currently the electrical subcontractor for the renovations taking place at the hospital to accommodate the new Shriners Hospital for Children.

Shriners Hospital for Children is relocating their Cincinnati-based hospital to within Dayton Children's Hospital. The relocated Shriners Hospital will lease and occupy its own space and purchase certain services from Dayton Children's, and will operate as a separate and distinct hospital, within another hospital. Renovation is almost

completed in the Dayton Children's former pediatric intensive care unit to meet the needs of the patient population.



New Shriners Hospital located in Dayton Children's Hospital.

**Shriners Hospitals for Children - Cincinnati** was established in the mid-1960s in response to a lack of pediatric burn care, and provides care for burn

injuries and reconstructive and plastic surgery, as well as cleft lip and palate care. It is one of four locations within the Shriners health care system that offers care for burn injuries and related conditions. The hospital is known for its knowledge and skill in this field and has

provided care for children from all over the world. However, over time, the severity and frequency of pediatric burn injuries has declined in the United States. And, as is true in

many other areas of medical treatment, many procedures for these injuries have shifted from an inpatient to an outpatient setting.

The 20,200 square foot renovation includes five exam rooms, five pre and post rooms, seven patient rooms, two Post-Anesthesia Care Units, and replacement of several air handling units. The scope of the work also includes all lighting, branch power, distribution, fire alarm, security and nurse call.

Chris Spencer is the General Foreman, Monishe' Mooreland is the Foreman, and Nick Behnken is the Project Manager for this project.

*Cont'd pg.2*

# Business *not quite as usual*

For the union building trades in Dayton, work must go on. Much like the first responders, those working in construction continue to their job sites every day. They follow the COVID-19 guidelines for construction sites, but their work is essential to the community.

“Most of our members have remained on the job,” says IBEW Local 82 Business Manager Greg Gust. “We are a very integral part of the hospital work around the region.” And since the local hospitals continue working on the front lines of the pandemic, they rely on the contractors that have always ensured that they have the essential systems in place, like oxygen delivery, nurse call, computer networks, HVAC and emergency power backup.

The Western Ohio Chapter of the National

Electrical Contractors Association (NECA) and the International Brotherhood of Electrical Workers Local 82



IBEW Local 82 Business Manager Greg Gust (left) with Chapter Manager WOCNECA Carter Harrison.

(IBEW) workforce has been devoted to helping businesses in the community in times of crisis. They recently donated \$2500 to both Kettering Health Network and Premier Health to support their efforts. In addition, they gave \$2500 to the AFL/CIO food bank.

In the aftermath of the tornados last year, NECA/IBEW stepped up to get everything up and running.

They also volunteered hundreds of man hours to repair the damaged floats so the Dayton Children’s holiday parade could take place. “We don’t do this for recognition, but because it is the right thing to do,” says Greg. “It’s the work we do day in and day out that should be noticed. We are facing many of the same hazards on our job sites as workers face in hospitals and clinics.”

## Guidelines for dealing with COVID-19 on Construction Sites

Owners and contractors should work together to implement sanitation and infection control improvements on the jobsite. It could mean the difference between continuing operations and a shut-down of a project. The National Electrical Contractors Association (NECA) has developed the following guidelines in the interest of the worker’s safety, health and well-being.

- Coordination and Communication with General Contractors and Owners
- Identify and remove known threats, hazards, or contaminated surfaces and areas.
- Appropriate Personal Protective Equipment. Masks are to be worn at all times.
- Establish tool and material security by cleaning tools, materials and equipment.
- Maintain social distancing.

## ESI, cont’d.

Repositioning their Cincinnati hospital within Dayton Children’s allows for the continuation of high-quality burn care and other services in a space that meets the needs of patients today more appropriately, economically and efficiently. They also expect to gain operational efficiencies by purchasing some services from Dayton Children’s.

ESI is also working on the Ambulatory Renewal Project, ESI provided a temporary 15kv utility feed, while removing the existing utility feed. They provided and installed new underground conduit to network the new utility feed. ESI also rerouted existing fiber optics cable and parking lot light circuits.

## Chapel, cont’d.

engines will be built into the all-new family of Chevrolet Silverado and GMC Sierra HD pickups.

During construction the project maxed out at approximately 165 workers.

Chapel Electric’s scope included installation of multiple substations, bus duct, cable trays, LED lighting, FireAlarms, security, building automation, along with power and controls for tooling equipment. Due to COVID 19 many aspects of construction

were impacted and the original overall schedule had to be



adjusted to align with the State of Ohio and CDC pandemic guidelines.

Chapel’s project team includes Tom Cope (Project Manager), Steve Crawford (General Foreman), Tim Prewitt (On-Site Safety Director), Tom Fink (Foreman) Bart Anspaugh (Foreman), Josh Roark

(Foreman) and Cody Vencill (tooling Foreman). This team is supported by an outstanding group of Journeymen and Apprentices.

Since 1946, Chapel Electric Co., LLC has ventured into a variety of market sectors to become one of the nation’s leading electrical contractors.



July, 2020

Your comments, suggestions and questions are welcome! Contact the Western Ohio Chapter - NECA.

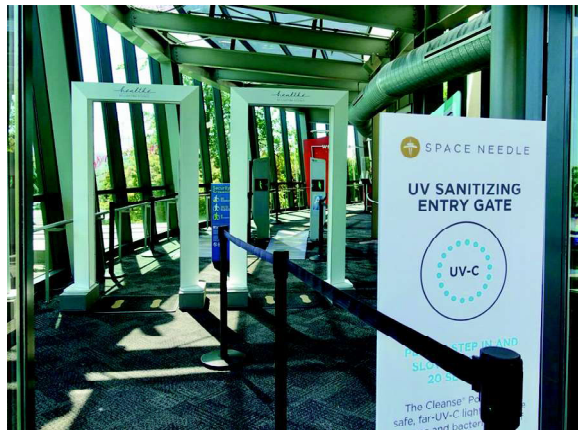
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## Risks and rewards of germicidal UV

The novel coronavirus pandemic has sparked fresh interest in germicidal ultraviolet lamps (GUV) for disinfection. For some 40 years, GUV have been used to disinfect potable water and wastewater, certain products such as contact lenses, and surfaces against a wide range of bacteria and viruses. UV disinfection can play a role in a multi-barrier approach to reducing transmission of SARS-CoV-2, the virus causing COVID-19. This may lead to increased applications for GUV in buildings, but there are risks.

**Seattle's iconic Space Needle** has invested \$1 million in state-of-the-art technologies and safety measures that officials say will allow visitors to soon return to the structure, which has been closed since

March 13 because of the health crisis. The initiative, called "Elevating Clean," goes far beyond ordinary face masks



*Seattle Space Needle employs UV technology to rid surfaces of viruses.*

and hand sanitizer. The Space Needle has added an array of ultraviolet light technology intended to rid the air and surfaces of harmful viruses. Guests will pass through Far-UV-C "sanitizing" body scanners at the front gates that look like airport metal detectors.

Inside, they'll breathe air that's been zapped by even stronger UV-C light inside the building's mechanical systems.

Traditionally, GUV is used to directly disinfect surfaces in unoccupied, critical applications, such as manufacturing, water treatment and healthcare facilities, where it may be used in operating rooms. The

challenge with UV-C is that it is hazardous to health and safety; exposure can increase cancer risk, and even short exposures can produce burns on unprotected skin and retinal damage. It also degrades organic materials.

"It seems likely that UV-C applications will be touted for buildings in the near term and over the next five years or so," said Mark S. Rea, Ph.D., professor, Lighting Research Center, Rensselaer Polytechnic Institute. "However, UV-C has limited use in occupied rooms. Restrooms with motion sensors to ensure vacancy might become a common method, but I doubt we will be sending UV-C robots into schools and offices.

Due to the coronavirus pandemic, GUV is likely to continue to develop in technology and application.

Contractors responding to interest in GUV should become informed, stay safe and work only with trusted manufacturers that provide proper safety cautions and instructions.

*- Excerpts from Electrical Contractor Magazine. Craig DiLouie. Published In June 2020*

## NECA/IBEW donates materials to GCCC

The construction of the new \$62 Million, Greene County Career Center (GCCC) is completed and ready for the 2020-2021 school year. The new and expanded GCCC offers its students an outstanding curriculum of modern technology and expanded technical programs in industries experiencing extremely high job growth. The program choices include the construction trades, highlighted by an excellent electrical program; aerospace and aviation; engineering; manufacturing; information technology; culinary arts and much, much more. There are 17 exciting programs in all, each

offering a versatile and flexible curriculum designed to meet the career needs of today and tomorrow. In addition, any student who participates in and completes a two-year program at GCCC, is awarded a \$3,000 scholarship for either Sinclair or Clark State Community College. The Electrical Wiring and Motor Control program gives students a head start on earning journeyman status as a certified electrician through

their unique Pre-Apprenticeship program. Students who excel



academically, obtain the skills necessary in their career-technical program, and have met a stringent attendance requirement may apply for the Pre-Apprenticeship program. Many of these graduates enter

the JATC Union Electrical Apprenticeship Program. In an effort to support these students and future union electricians, the International Brotherhood of Electrical Workers (IBEW) Local 82 and the Western Ohio Chapter of the National Electrical Contractors Association (NECA) have donated \$6500.00 in tools and materials to GCCC. NECA members Chapel Electric and ESI Electrical Contractors performed all of the electrical work required on the project.



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[www.wocneca.org](http://www.wocneca.org)



**LMCC / NECA / IBEW  
17th Annual Golf Outing**

**WHERE: Walnut Grove Country Club  
Dayton, Ohio**

**WHEN: Monday, September 21, 2020**

The 17th Annual LMCC/NECA/IBEW Golf Outing will take place on Monday, September 21 at Walnut Grove Country Club. The outing sponsors 4 Paws for Ability, an organization that trains service dogs for veterans.

For registration information, please contact Cindy Tucker at [cindy.tucker@att.net](mailto:cindy.tucker@att.net).



**The Western Ohio Chapter -  
National Electrical Contractors Association Directory:**

**NECA Members**

ASIDACO, LLC  
C & J Electric  
Chapel Electric Company  
Chapel-Romanoff Technologies  
ESI Electrical Contractors  
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High Voltage Maintenance  
Kastle Electric Company  
Kastle Technologies  
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RMF Nooter  
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Lake Erie Electric  
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Riffle & Associates  
Square D / Schneider Electric  
Uptime Solutions

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