



*Without a doubt, the nerve center of a building's electrical system is the substation. The professionals of Uihlein Electric have extensive knowledge and experience with high voltage. Contractual projects have varied from replacing a school power system destroyed by lightning in a very short time period to totally replacing the General Mitchell International Airport primary service without disruption to airport operation.*

*Uihlein Electric can provide a complete High Voltage System from budget and engineering through product procurement, installation and on-going maintenance. The Uihlein team includes electrical engineers, CAD designers, project managers, estimators plus a small army of well-trained field personnel who provide on-site repair and maintenance services.*

### EXPERIENCE THAT COUNTS

Sinai Samaritan Medical Center selected Uihlein Electric to combine several secondary and primary services to one central electrical service as part of the Campus Consolidation and Expansion Project. Uihlein installed a microprocessor controlled selector system that is capable of automatically connecting the hospital to the best available of three incoming primary lines at any time. The installation of the 15kV switchgear, as well as the elimination of the other campus services, was completed while the hospital continued to serve the community without interruption. The medical campus received not only a superior final product but also a project that was completed below budget and ahead of schedule.

### OUR CUSTOMERS SAY...

"Excellent attention to detail. Uihlein Electric completed the entire project and kept their promise of minimal disruption."

**Allen Bradley** Parking structure and high voltage feeder.

**City Hall** installation of ground grid, repairing installation of new power system while maintaining uninterrupted power to the facility.

**Columbia Hospital** High voltage distribution.

**County House of Corrections** Primary Switchgear.

**Everbrite Signs** On going service and maintenance contract. Replaced substation, and added a computer room and lighting.

#### **Falk Corporation**

- Outdoor primary substation replacements.
- 13.2 KV to 250 V DC transformer rectifier substation.
- Shop 3 and Shop 4 13.2 KV primary feeders.
- 500, 600, and 1200 HP DC test plates.
- 13.2 KV primary service and new switchgear.

#### **General Mitchell International Field**

Terminal expansion, control tower, stem renovation, power distribution.

#### **J.C. Penneys--multiple locations**

PCB transformer retrofits.

**Lavelle Industries,** New 26.4 KV primary service.

**Metavante** New primary service.

#### **Menomonee Falls High School**

Replaced entire power system.

**Milwaukee Forge** New electric furnace.

#### **Milwaukee Area Technical College**

Primary power replacement and extension.

#### **Milwaukee County Medical Complex**

Replaced underground primary feeders, added sectional switches, replaced overhead primary lines.

#### **Milwaukee County Zoo**

Replaced high voltage cable distribution system to every zoo building and installed new outside substation while keeping the zoo fully operational.

#### **Milwaukee County Grounds**

Primary feeder replacement for Eye Institute, correctional facility, firehouse, and power house.

**Norberg** Built new 26.4 KV substation and renovated power system.

#### **Potawatomi Bingo and Casino**

Design/build of 255,000 square foot facility, including high voltage service, emergency generators, UPS, substations, theme integrated architectural interior and exterior lighting, and power distribution. Project components including gaming areas, a theatre, five restaurants, cash count areas, corporate office, and a parking structure.

**Universal Foods** New 26.4 KV service, distribution and substation.

**Regal Ware, Inc** 26.4 KV primary distribution rebuild.

#### **Rexnord Manufacturing**

Foundry expansion, 26.4 KV primary substation and distribution.

#### **Waukesha Area Technical Institute**

Primary service retrofit.

#### **Waukesha Memorial Hospital**

- New 26.4 KV primary service.
- Install (2) 4160v, 1500KW GEN/set with paralleling gear and distribution switchgear.
- Installation of new 4160v distribution switchgear and associated 4160v feeders.

**Wisconsin Paper** High voltage substations.