



**ROMAN  
ELECTRIC  
CO., INC.**

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**“COMMENT”**

*“JohnsonDiversey’s new 550,000 sq. ft. warehouse and distribution center was a challenging fast track job that took less than seven months to complete. To meet stringent LEED certification, it required a specialized lighting system that set new standards for saving energy.”*



**Bernie Cleppe  
Vice President  
Racine/Kenosha Division**

# CURRENT

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## Huge, New, Energy-Efficient Distribution Center for JohnsonDiversey

JohnsonDiversey’s meticulously planned new 550,000 sq. ft. distribution center in Sturtevant is a highly energy-efficient, LEED certified building. Energy use was substantially reduced with a design focus on the building’s

major energy-using systems plus general improvements in all other areas. As a result the company has applied for the prestigious Gold LEED Certification.

General contractor on the challenging project was Riley

Construction. Roman Electric was design/build contractor for the electrical systems, a \$1,700,000 job.

To meet LEED requirements, Roman incorporated many energy saving features into its design. High output T5 high bay fluorescents light the warehouse while T5 volumetric lighting is used in the offices.

Many and varied occupancy sensors and lighting controls

*The well-designed lighting system in the 550,000 sq. ft. building is expected to reduce energy usage by 60% and save up to \$90,000 per year.*

limit energy use in office spaces, the warehouse and common areas. Photo cells reduce artificial lighting in perimeter bay areas during daylight hours.

High frequency battery charging, instead of standard SCR charging, substantially reduces power use and peak demand. Roman’s design also had to artfully position the

*Continued on page 2*

## Wyndham Upgraded to Intercontinental Hotel

With a major refurbishment, Marcus Corporation has converted the Wyndham Milwaukee Center into the posh Intercontinental Milwaukee Hotel. The luxurious 220 room hotel is downtown on the corner of Kilbourn and Water Streets.

The extensive renovation included major upgrades in all the guest rooms, the common areas, 12,000 sq. ft. of meeting spaces and 11 meeting rooms, the lobby with its floor to ceiling windows, and the inviting bars and restaurants.

*Continued on page 3*

*The deep red colors, alabaster bar and subdued lighting of the unusual ZenDen bar motivate patrons to stop in for a drink.*





**St. Ann's new 20,000 sq. ft. Respite Center offers temporary relief for caregivers with complete care for loved ones for up to 20 days.**

## St. Ann Center Adds Beautiful Respite Care Facility

St. Ann Center For Intergenerational Care, 2801 E. Morgan Ave., has added a two-story, 20,000 sq. ft. addition for respite care. With nine well-appointed, private guest rooms, the Respite Center has the pleasing look of a high quality Bed and Breakfast.

The Respite Center offers temporary relief to those providing care to loved ones with special needs. Caregivers who get sick, need a vacation or just a break can give their loved ones complete care at the Respite Center for up to 20 days.

Many amenities are

included from whirlpool baths to espresso coffee. A fully-equipped commercial kitchen provides three hot, healthy meals a day. Complete 24-hour care is afforded by experienced professionals. Medication management and medical supervision is available. Daily housekeeping is provided. And an assortment of trips, arts, crafts, games, entertainment, discussions and seasonal activities are offered.

Added services include a variety of rehabilitation care, personal hygiene, massage therapy, aquatic programs, music therapy, hair and nail care, even religious and

spiritual ministration.

Bentley Company was the general contractor for the Respite Center. Roman Electric served as electrical contractor on the job.

Sister Edna Lonergan, OSF, president and founder of St. Ann Center in 1983, was pleased with Roman's work. "I wouldn't go with any other electrical contractor," she said. "The lighting is beautiful, absolutely extraordinary. I like the fact that Roman is very artistic. They installed the lighting in the entire facility.

"It's not just creating lighting, it's creating the right kind of lighting. Like for people with special needs. You want lighting that's not glaring, that's restful. Roman puts all that together for us in a very attractive way."



**A therapeutic whirlpool is one of many new features offered at St. Ann's Respite Center.**

**Nine beautifully decorated guest rooms in a variety of themes give guests the comforting look and feel of a Bed and Breakfast.**



**The 95-seat Kil@wat restaurant features unique dishes in a beautiful setting illuminated with artistic and theatrical lighting.**

## Posh New Hotel

*Continued from page 1*

Marcus Corporation hired Roman Electric to handle power and lighting, a \$500,000

job. Jeff Kubiszewski was Roman account manager. Roman foreman was Dave Muffler.

Craig Rambo, Marcus corporate director of

engineering, said Roman's work was challenging. "We asked the impossible for scheduling, which is what Roman usually gets handed," he said. "They handled it very

well. They always do. That's why we do business with them because they're good at dealing with the tough jobs we throw at them! They do good work."



**The extensively renovated Intercontinental Hotel offers 220 luxurious guest rooms, meeting areas, bars and restaurants.**



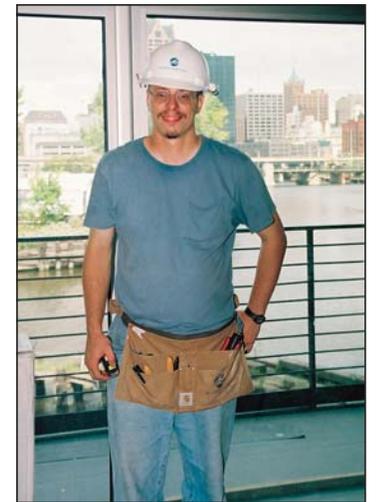
## Electrician Back from War in Iraq

Roman electrician Jim Theys is safely back at work after serving in Iraq. A Staff Sergeant in the US Army National Guard, Jim served 15 months on active duty including 12 months in Iraq.

He was a member of security forces escorting convoys bringing in supplies. Jim, 35, has been in the Army for 18 years, serving five years on active duty and 13 years in the National Guard.

“Roman sent me care packages, which were really nice to get,” Jim said. “Roman people also sent me e-mails to keep me up to date on what was going on.” He said those

***Journeyman electrician Jim Theys is part of the Roman crew building First Place Condos at 106 W. Seeboth St. He is the third Roman employee to serve a tour of duty in Iraq.***



***JohnsonDiversey's huge new distribution center in Sturtevant is an impressive energy-efficient LEED certified building.***

### Building Designed to Save Energy

*Continued from page 1*

1,100 light fixtures to keep them the required distance from the hundreds of sprinkler heads.

Roman Electric estimated that JohnsonDiversey spent about \$200,000 extra to meet LEED lighting system requirements. But compared to state and ASHRAE lighting allowances, the building will consume 60% less energy at an annual savings of \$70,000 to \$90,000. The reduction in energy used also reduces pollutants generated during energy production.

Dave Riley, president of Riley Construction, was very impressed with Roman's work. “Roman's very easy to work with and they're a great team player,” he said. “We were really pleased with the leadership of both their office

***Warehouse aisle lighting includes occupancy sensors in each fixture that turn on only the minimum number of lights needed when a fork lift enters the aisle.***



and field people. Phil Rose was the project manager and made things happen. Kevin Schlax was an exceptional foreman for Roman. It was just a great job from Roman's standpoint!”

***A variety of lighting controls and occupancy sensors limit energy use in the warehouse, offices and common areas.***



*“If you're like us, you're always looking for new ideas, better methods and new business.”*

### CURRENT events

*is one way we can show you building developments, new power systems, information technologies, skilled techniques, useful ideas. We want you to remember Roman Electric when you're ready to build or repair electrical systems, computer networks, and voice/data installations.”*

servicing in Iraq really appreciate the care packages. “It's a real morale booster and it lets us know that people back home really care,” he said.

### Care Package Help Needed

Roman Electric is conducting a campaign, working with Hunzinger Construction, to collect a variety of goods for care packages being shipped to those serving in Iraq. If you'd like to contribute, please contact us at 414 771-5400.

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## Redundant Uninterruptible Power for ATC

For American Transmission Co. of Pewaukee, standby power is critical to its continuing operation. ATC owns, builds, maintains and operates the high-voltage electric transmission system powering portions of Wisconsin, Michigan, Minnesota and Illinois.

Electricity cannot be stored easily or cost-effectively, so the amount of electricity created each moment must be matched to the amount being consumed. From its two system control

centers, ATC operators monitor electricity flow on the network for safety and stability, and respond to problems on the system 24 hours per day, seven days per week.

Because its Cottage Grove center was constructed in the 1980s, ATC needed to modernize the Uninterruptible Power Supply supporting its data systems. So it hired Roman Electric to install two new UPS systems for redundant standby power.

### Detailed Planning

Jason Shaver, ATC system operations project manager, said Roman did ample pre-planning with ATC to successfully manage and limit the number and length of power outages during installation. Roman also performed a detailed arc flash analysis coordination study to insure system reliability and safety.

"What Roman achieved was quite remarkable," Shaver said. "Roman's approach was most suitable to what we wanted to do." He said much of Roman's work had to be done late in the evening when there was less activity on their system if an outage was required. Then the facilities would have to be quickly re-energized.

Roman replaced ATC's older



*Roman replaced ATC's main service switchgear and UPS transfer switch with minimal downtime.*

UPS equipment with two new identical UPS systems which facilitate power transfers. When one is activated, power is transferred to the ATC system in milliseconds so the switch is not even noticeable.

"Roman was very patient and highly skilled," Shaver said. "We're extremely happy with the work they did for us. With multiple generators and two new UPS systems, we now have a very impressive, very redundant electrical system. It provides a higher level of reliability, which is important in operating a critical 24/7 system."

