



**ROMAN  
ELECTRIC  
CO., INC.**

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**“COMMENT”**

*“Roman installed five outdoor generators and seven UPS systems at seven different locations to improve Milwaukee County’s standby power for their emergency radio network. We worked a compressed schedule in order to utilize funds available from the federal government. Each system provides constant clean power in the event of power fluctuations or outages.”*



**Dick Sujewski**  
Account Manager

# CURRENT

## events

Electrical Construction and Communication  
Network News for Business and Industry



*Sterling Condominiums on Farwell Ave. offers 112 units in an 11 story high rise building.*

## Great Downtown and Lake Views from Sterling Condominiums

Sterling Condominiums, an 11 story high rise complex, is nearing completion on Milwaukee’s East Side at

Farwell Ave. and Royall Place. Sterling’s 112 one- and two-bedroom condos begin on the 4th floor and continue to the

11th floor.

The ground floor will feature 9,600 sq. ft. of retail space with four levels of parking above it. New Land Enterprises LLC is the builder/developer. Roman Electric is the design/build electrical contractor on the job.

The units combine quality construction and soundproofing with impressive views of downtown and the lakefront. Features include floor to ceiling glass in the living room and dining room, large private patios and balconies, and heated parking.

Amenities include solid wood cabinetry, maple woodwork, granite countertops, ceramic tile kitchen and bathroom floors, designer kitchen appliances, and full size washers and dryers. Prices start at \$169,900 and more than half the units are sold.

**Complex Project**

Gerry Burk, New Land director of development, said

*Continued on page 4*

## Backup Power Secures County Radio Systems

An improved backup power system to secure Milwaukee County’s radio communications network has been installed by Roman Electric. The trunked radio system, shared by the Sheriff’s Department and other municipalities, contains several radio sites spread out around Milwaukee County.

The standby power system upgrade included adding five generators and seven uninterruptible power supply (UPS) units with federal funding from Homeland

*Roman installed several gas-powered generators for backup power including this 100 kilowatt unit.*



*Continued on page 3*

## Beautiful New Greek Orthodox Church

St. John Chrysostomos Greek Orthodox Monastery is a beautiful new church at 4600

*St. John Chrysostomos Greek Orthodox Monastery in Pleasant Prairie features beautiful decorative stone exteriors and tile domes.*

93rd St. in Pleasant Prairie. Work began long before



building construction started when the congregation brought

in craftsmen from Greece to hand carve the church's wooden chairs and panels, and ornate stone work.

*Elegant lighting fixtures and hand carved wooden chairs and panels grace the church interior.*



The church hired Roman Electric's Racine/Kenosha Division to handle the electrical work. Division vice president Bernie Cleppe said the work was challenging because the open expanse of the church offered few walls and ceilings in which to conceal the electrical wiring for power and lighting.



## Residential Electricians Also Provide Teledata Cabling

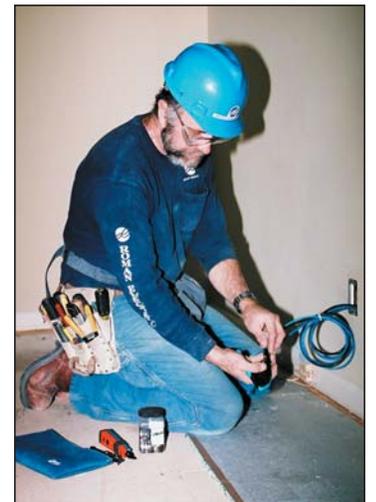
Roman residential electricians can now also install telephone, data and TV cable in homes. They've been trained by Roman TechNet project manager Jerry Trinkl to install cable for new telephone and TV systems, and category 5 wiring for computer systems.

So a Roman electrician can install both electrical and cable/phone lines at the same

time. The advantage for the customer is convenience, and our installation rates are much less than those charged by telephone and cable companies.

*Roman journeyman electrician Jeff Bussanich installs new telephone (right) and TV (below) cable in a condominium in Elm Grove.*

Another advantage is that our electricians, like our



TechNet technicians, provide high quality installation. They don't just indiscriminately staple cable to studs and joists. They drill access holes and install clean, professional cable runs just like they do for electrical wiring.

As with our electrical work, the emphasis is on effective, high quality, visually attractive cable lines.



*"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."*

# CURRENT tips

## Arc Flash Protection; Reduced Rates with Interruptible Power

Emergencies sometimes cause businesses to request service on an electrical circuit while it's live. The potential risk is an arc flash, a blast of super-heated air, shrapnel and great force caused by a short.

The prudent thing to do is prepare for such an event. National Fire Protection Agency (NFPA) 70E regulations cover arc flash protection. To safeguard



*Arc flashes are rare but preparation and protection make good sense.*

people working on energized circuits, NFPA 70E requires several levels of Personal Protective Equipment (PPE), based on the power source and potential hazard.

We can analyze your electrical distribution system to establish the level of PPE required at every point along your power grid, should that point ever have to be serviced while energized. You're then prepared with an alternative if significant business risk or cost would be incurred if your system had to be shut down to allow repairs.

Make sure that anyone working on one of your live circuits is trained and certified to work with NFPA 70E regulations or the results could be disastrous.

### Interruptible Power

Another prudent consideration for companies using large amounts of



electrical power is interruptible power. Depending on your power usage, it's possible to save up to 30% of your electrical bill.

If you're spending \$100,000 to \$250,000 per month, the savings will pay for full generator backup for your facility. So you get complete backup power, you don't have

*Large backup generators are powered by natural gas, diesel fuel or a combination of both.*

to worry about being interrupted, and the utility has paid for your peace of mind.

With interruptible power, the utility has different rate schedules depending on usage and timing. They'll give you up to 24 hours notice, or as little as one hour, to shed some power load as agreed to in advance. The program is completely automated so you wouldn't want to do it without a backup system in place.

Call us for details on arc flash hazard analysis and protection, and/or interruptible rate savings.

## Reliable Source of Backup Power

*Continued from page 1*

Security. Standby power insures a constant, clean source of power for the radio system so it isn't affected by power outages or other outside occurrences that might cause power fluctuations. Instantaneous short-time power is provided by the UPS equipment until the standby generators kick in to produce long-term power.

The gas-powered generators vary in size from 60 to 125 kilowatts while the UPS units are single phase or three phase in different sizes. Several of the sites served never had backup power before. Roman's \$600,000 contract included installing and setting up the new standby power systems. Roman also has a contract to inspect and maintain all the electrical equipment.



*Instantaneous backup power is provided by UPS equipment like this three phase battery powered system.*

### Good Job in Short Time

Steve Dragosz, P.E., Milwaukee County managing electrical engineer, said they had only a four month window to install the equipment and get it up and running. "We're ecstatic here that we got it all completed in the short time frame we had,"

he said. "Most people were doubtful that we could pull it off but Roman account manager Dick Sujecki did an exemplary job. He was extremely responsive and really took care of us. Roman project manager Bob Czajka and foreman Russ Griswold were also very helpful."

## Fire Alarm Systems Protect Your Largest Investment

A quality fire alarm system is a good investment because it protects your largest asset – your facility, or your plant and equipment. In the event of a fire, a good alarm system gives firefighters pinpoint information so they can quickly locate and combat the fire.

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## Sterling Condos Offer Convenient Location with Impressive Views

*Continued from page 1*

the job is a complex mixed use project combining retail spaces, public and private parking, and 112 condos with high rise condition generators and fire



*Sterling residents get great views of Lake Michigan and downtown Milwaukee.*

support systems.

"Everything's going fine," he said. "Roman foreman Greg Klosowski is great, and project manager John Perse and account manager Jeff Kubiszewski are doing a good job."

Condo residents began moving in the second week in May. 



## Fire Alarm System Benefits

*Continued from page 3*

That can be especially critical in a large facility where smoke in several locations may be confusing, resulting in unnecessary damage as the firefighters zero in on the fire. Pertinent data can help improve their speed and efficiency, and minimize fire damage.

### Maintenance Important

Fire Alarm systems also need good maintenance to remain at their most efficient.

As your building expands or you relocate offices, the fire alarm system must be modified to incorporate the changes. You can add offices, bathrooms, conference rooms, new equipment, etc., all of which need annunciation in your fire alarm system.

Call us to take advantage of our knowledge of both NFPA codes and local fire codes. We can help you select the right

*Curt Waddell of Fire Detection Group conducted a 12 hour training program for Roman electricians and TechNet cable technicians to prepare them for NICET certification.*

system for your application, install it and maintain it. 

