

City Lights

From Marietta Power and Water

Winter 2007

Marietta Power Team Identifies Outage Source

Intermittent power interruptions were causing problems recently for an interior design firm located in a multi-story office building in the Galleria and Cumberland area, in northwest Atlanta.

“We had a tenant who was experiencing power problems on his computer network server equipment,” explained Gerri Brown, property manager for Pope & Land Enterprises. “For anything power-related, I know to call Pete Jonsson, our Key Account Manager at Marietta Power.”

“A tenant’s computer system was inexplicably losing power and rebooting itself on some nights, which was causing a multitude of other issues during the following days. Of course, this was a problem for the customer, not only due to the potential loss of valuable data, but also the time and resources it was taking to try to resolve the issue,” explained Pete. “At Marietta Power, we are always available to assist our customers.”

After an initial investigation revealed

there was no power problem at the main meter, it was necessary to take a closer look. At this point, although it was clear that the problem was not stemming from Marietta Power, Pete pulled together a team, including Doug Moore, Energy Service Program Manager at MEAG Power (Municipal Electric Authority of Georgia), and Neil Meacham, of Internet Development IT Consulting, to help determine the outage source.

Pete suggested power monitors be installed in the computer room, to record outage information. The monitors were in place for two weeks, and showed no voltage abnormalities, yet the servers’ internal monitors showed numerous power outages.

After further investigation, a faulty battery was discovered in the uninterruptible power supply (UPS) unit supporting the main server. After replacing the battery, no further incidents were reported.

“I was happy to have been able to assist in identifying the source of the trouble for our customer, said Pete Jonsson. Even though the issue was not technically a power quality problem, we were able to help discover related issues that the customer needed to be aware of. Today the customer’s IT group monitors the UPS units as a normal course of business operation.”

“I was happy to have been able to assist in identifying the source of the trouble for our customer,” said Pete Jonsson.

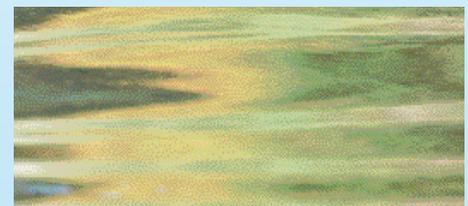


Water Rate Increase in 2007

2007 water and wastewater charges from Marietta Power and Water will increase by 7 percent for business customers, beginning January 1, 2007.

The 2007 rates reflect a wholesale price increase that went into effect some time ago and was spread over the course of several years for water purchased from the Cobb County – Marietta Water Authority.

About half of the increase is due to the increases in water and wastewater costs provided by the Cobb County Water System and half is due to the capital improvement projects needed to maintain and rehabilitate the infrastructure of Marietta’s water and wastewater system. *✎*



Winterize Your Business With Increased Energy Efficiencies

With the experience of last Winter's high gas prices still fresh in your mind now is the time to reevaluate your HVAC system and lighting. How efficient is it? How old is it? How are you controlling it? What is the most efficient type of lighting?

Heat Pumps/Unitary Systems

Newly installed heat pumps or upgrades could help you lower costs when gas fuel prices rise. Heat pumps are much more efficient than other means of heating because they use the heat available in the outside air to produce some of the heat. Unitary heat pump systems are factory assembled and represent an integrated system approach to combining both heating and cooling. Unitary systems are ideal for buildings having three stories or less, such as retail spaces, small office buildings and classrooms. Depending on upgrades to a unit, cooling load requirements can be reduced 10 to 40 percent. Newer, energy-efficient unitary models (10 years or younger) tend to be more cost effective.

Space Conditioning Controls

Another great way to reduce your heating and cooling costs is to consider installing a programmable thermostat. A programmable

thermostat can be set to change the temperature resetting for the occupied and unoccupied times. It will control the temperature settings automatically thus lowering energy use. In conjunction to the programmable thermostat, be sure to check that office fans and cooling equipment are automatically shut off when the building is unoccupied. You should always try to keep the heating and cooling of the unoccupied areas to a minimum.



Simultaneous use of heating and cooling should also be avoided. This could happen when there are several thermostats or control panels located in different areas of a building. Also, most large businesses have maintenance programs and they make it a point to change filters regularly.

Lighting and Occupancy Sensors

Lighting can consume more than 40 percent of the electrical energy used in office buildings. Lighting levels decline over time, decreasing efficiencies. Lights should be replaced when their reduced output becomes noticeable. With fluorescent lighting fixtures, check to see if older, less efficient magnetic ballasts have been replaced with the newer electronic units. Consumption can also be reduced by turning off lights when a space is unoccupied.

Consider installing a motion sensor that will automatically cut off lights in unoccupied areas such as restrooms. Also called occupancy sensors they use a variety of technologies that can detect heat, motion, sound, or a combination of these. These sensors are usually adjustable and available as less expensive wall- or more expensive ceiling-mounted units, set at a variety of angles. Coverage area depends on a room's arrangement or geometry. Occupancy sensors cost from \$30 to \$150, depending on the type selected. ⚡

Coming Soon to a Park Near You!

While there won't be cowboys or steers, there will be spurs and ropes at a national rodeo at Marietta's Laurel Park this spring. On Saturday, April 14 the American Public Power Association (APPA) will hold its annual 2007 Lineworkers' Rodeo at the park — the first time the event has been held in Georgia.

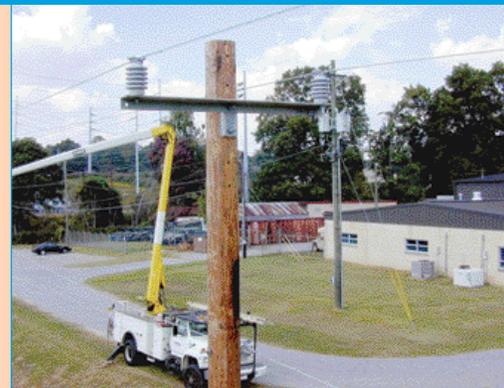
Co-hosting the Rodeo are Marietta Power and Water and the Municipal Authority of Georgia (MEAG). More than 300 participants, representing 75 teams from local utilities across the country, are expected to compete in the Rodeo that was established in 2001 by APPA to promote the awareness and importance of on-the-job safety for electrical lineworkers.

The competition will be held in the large, grassy area at the park where more than 135 poles are being placed now in preparation for the event. The rodeo is held in conjunction with the national APPA Engineering and Operations Conference being held in Atlanta beginning that weekend.

Chuck Ward, the electrical director for Marietta Power and Water, says, "We are very pleased to be hosting this important event in Marietta. Marietta Power has been an integral part of the Rodeo since its inception, and we are proud to be having everyone come to Marietta this year. With the cooperation of MEAG, we expect this year's event to be the best ever."

The Rodeo will feature competition

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Before Inking Colossal Lease, The EPI Companies Check Out Power and Service Requirements

When The EPI Companies needed more space, it called on the experts at Marietta Power and the City of Marietta. With help from Marietta Power and the City of Marietta, EPI decided to lease the old Tyco Building. The move was touted by local media as one of the year's largest industrial transactions in metro Atlanta.

"Before, we were in a smaller building outside Marietta city limits and were using another power supplier. We needed to find something big enough" explained Andy McClure, vice president of Corporate Services for The EPI Companies.

Mike Donahoo, the City of Marietta Industrial Development manager knew of an existing building that just might fit their needs. It was the vacant old local headquarters building for Tyco manufacturing.



Marietta Power Helps EPI Move

The marketing materials firm, EPI uses six 40-inch wide, state-of-the-art Heidelberg presses to print from two- to six-color processes. According to McClure, they pull a lot of power, so it made sense to go over the economics of the operation with Marietta Power before committing to the move, McClure added. "We called Marietta Power and told them this is what we are looking to

do." Pe te Jonsson, Key Accounts Manager with Marietta Power worked up the rates, which helped us justify our move to the new site.

"Our relocation to the new site was complex," said McClure. According to him, it takes 15 days to break down each of the company's presses, which at the time were housed at separate facilities.



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"Marietta Power was instrumental in our making this move so seamlessly. In addition to evaluating our power service and rate costs while we considered the move, Marietta Power helped us relocate, when we were in full operation and over weekends," McClure emphasized.

"We actually moved while we were in full operation," explained McClure. "It was a good feeling to have the support of Marietta Power," he continued. "They bent over backwards to help us out, and it was a pleasant experience working with its employees."

The EPI Companies moved in mid-December, 2006, from a 45,000-square-foot facility on Kennesaw Avenue (with about 60 employees) to a 266,250-square foot Class A office and industrial building (with some 120 employees) at 1169 Canton Road in Marietta.

McClure expects power costs to be higher in summer, despite the efficiencies of an all-year, climate-controlled manufacturing



facility. In addition, EPI has 14 high-efficiency air conditioning units that accommodate cooling load requirements during peak times.

"We moved a few weeks ago, so it's too early to tell what our power usage or expenses will be. We spend about \$10,000 a month just running two-thirds of our equipment, which needs a climate-controlled environment to operate. We've been operating for about two weeks, but it will probably be 90 days, before we are going full-steam," said McClure.

The concrete stucco corporate facility has a three-story atrium, a two-story office area in front and an attached manufacturing facility in back. There's plenty of parking in front and in back of the building and, everything has been upgraded, including lighting.

Move Helps EPI Grow

"We had gotten to the point where we couldn't grow any more in the building where we had been for the past 15 years," McClure said. "We used the opportunity of a newer location and a larger building to consolidate several sites, including one in Chatsworth (where the company prints carpet sample boards)."

The new space has allowed EPI to combine many of its corporate offices with its production capabilities, which include multi-ton, 70-foot-long printing presses. The printing company's new corporate headquarters is expected to help EPI accommodate its steady double-digit growth.

The multi-million dollar company is well diversified with creative, premium incentives, printing, fulfillment and storage, logistics and warehousing operations, all under one roof. In addition the marketing materials firm prints signs for retail displays. The EPI Companies provide everything from business cards to corporate annual reports. ✎

Marietta Power was instrumental in our making this move so seamlessly.

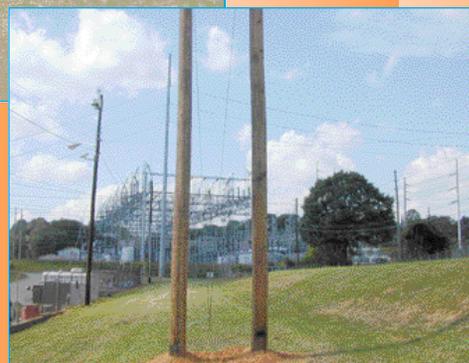
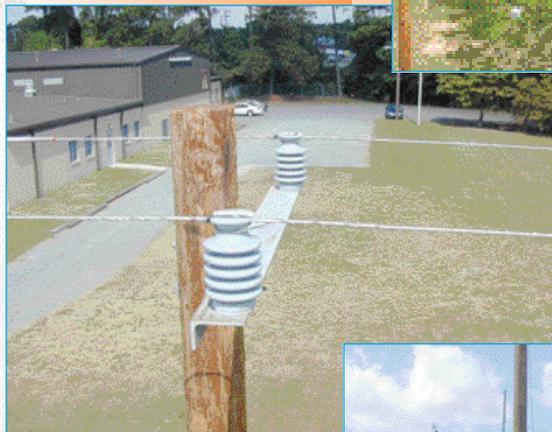
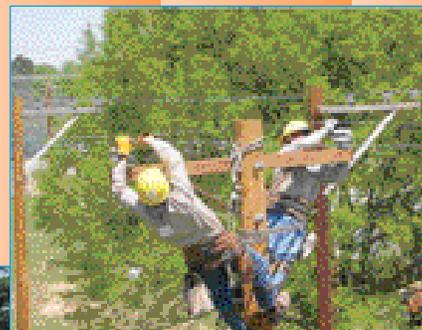
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among both journey lineworkers (more than four years' experience) and apprentices (fewer than four years experience) in such categories as Dead and Grounded Cross Arm Changeout, 12kV Layout Arm Insulator Changeout, 12kV OCR Changeout, 4kV Dead End Pole Transfer and Hurtman Rescue, Obstacle Course and Rope Toss.

Events are judged based on safety, work practices, neatness, ability, equipment handling, and timely event completion. All safety rules established by the Occupational Safety and Health Association (OSHA) are observed during the events.

Off-site parking has been arranged for attendees; so, although Laurel Park will be both crowded and exciting that day, the rest of the park will be open as usual, and the event and other park amenities will be open to the public. ✎



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