



NEWS & EVENTS

A PUBLICATION FOR LIPA'S ELECTRICAL TRADE COMMUNITY

Featured Issue: **ENERGIZING**

VOLUME I

MESSAGE FROM THE EDITOR:

Welcome to the first edition of *Trade Ally News & Events*. LIPA is pleased to introduce this publication as one more way we can communicate with you – our important trade allies. Please take advantage of the useful information you'll find here, and please share your comments and ideas for future stories.

HEWLETT HIGH LEARNS THE BENEFITS OF SMART ENERGY PLANNING

When George W. Hewlett High School wanted to replace its 50-year-old boiler plant with a state-of-the-art climate control system – along with a 40,000 square-foot addition and new mechanical system for its indoor swimming pool – it turned to LIPA. When LIPA told Hewlett High that it would provide the district with an attractive incentive toward an innovative solution, the school knew it had found its partner.



Thanks to LIPA's financial assistance and expertise, Hewlett High is now taking advantage of an environmentally friendly technology that will improve efficiency, save energy dollars and pay for itself in just a few years.

“We were able to make extensive renovations and revamp all of our mechanical systems — things we wouldn't have been able to accomplish without LIPA's help,” says Dennis Sheridan, Director of School Facilities/Operations, Hewlett/Woodmere UFSD.

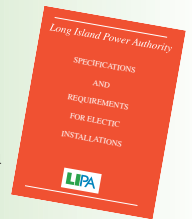
Hewlett's Clean, Green Geothermal Machine

For Hewlett High, the answer was a geothermal energy system to heat and cool its building. As its name suggests, geothermal systems use the energy stored in the earth to provide heating, cooling and hot water. The environmentally sensitive system will allow the high school to reduce its electric consumption by 30 to 60 percent compared to traditional heating systems (paying for itself in just two to five years).

Now Hewlett High has the distinction of being the largest geothermal project on Long Island – and one of the biggest for a school anywhere in the country.

It's also a big success story for LIPA, which gave the school all the “juice” it needed to expand its facilities and add geothermal. “Due to the large increase in electrical load, we needed to upgrade our distribution facilities to serve the customer's 8,000 amp, 120/208 volt service,” says ED&C's Nick DePascale. The pay-off is just as big, however, and the job is surely a win-win situation for all involved. ▲

RED BOOK HIGHLIGHTS



Like most electrical contractors, you're probably familiar with LIPA's handbook, “Specifications and Requirements for Electric Installations” – more commonly referred to as the “Red Book.” This issue of *Trade Ally News & Events* highlights one of the areas you might find most helpful and relevant (see below).

Please also note that LIPA now publishes the Red Book on our Web site – at www.lipower.org/redbook – and we've now just added the “Meter and Switchgear” list to the site.

Energizing Your Business: Just Say 'No' to Costly Violations

Red Book violations aren't good news for anyone. By following the letter of the Red Book, you can avoid these violations, which will allow you to: 1) provide the best possible customer service; 2) avoid making unnecessary customer visits; 3) complete electric service installations more quickly and conveniently for your customers; and 4) save money.

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For all of these reasons, LIPA would like to help you minimize the number of violations on your installations. Toward this end, we will be tracking all contractor violations and notifying those contractors who have violations on multiple installations. We'll send each of these contractors a violation summary and the Red Book page number noting the applicable requirements.

So let's work together to improve customer service and reduce costs by complying with Red Book Requirements. You can do your part by taking the time to learn how to avoid violations. It will be time well spent and, in the long run, saved.

Top Five Violations

Here are the five most common violations related to new installations and service upgrades (in random order):

- 1 • Grounding – Missing ground connections and ground wire installed in meter pan.
- 2 • Meter pan clearance – too close to side wall, too high/low, bush in front of meter and clearance to gas meter.
- 3 • No eyebolt installed for 200 Amp service.
- 4 • Using PVC conduit, rather than U-Guard, for secondary risers.
- 5 • No label identification of multiple meter pans. ▲

Making a Connection

- Three out of four electricians who attended LIPA's recent Red Book refresher training rated the course excellent or very good because "material covered appeared to be on target for everyone" and "presenters were seen as high caliber."
- Our service improvement efforts over the past year are working! Fifty-five percent of electricians who attended the training sessions indicated that their overall interactions with LIPA have improved.

Trade News Flash...

- Look for an updated version of the Red Book in early 2003. LIPA representatives have solicited comments and suggestions from electrical contractors across Long Island, many of which will be incorporated in the new version. The new book will also, of course, incorporate the most current National Electrical Code (NEC) changes.
- LIPA recently completed a highly successful series of Red Book refresher courses. More than 300 electric contractors attended the classes, which focused on service guidelines and common violations, as well as allowing electrical contractors to talk, face-to-face, with facilitators. Watch for more sessions following the release of the new Red Book in 2003.
- The EnergyWise Contractor Phone Card is on its way! Look for your wallet-size phone card with these important phone numbers:

IMPORTANT TRADE ALLY NUMBERS

"CALL BEFORE YOU DIG"		1-800-272-4480
For New and Change Service Requests Call		
Queens/Nassau Division	Ph. 516-792-7112	Fax 516-792-7346
Central Nassau Division	Ph. 516-545-2242	Fax 516-545-2244
Western Suffolk Division	Ph. 631-348-6044	Fax 631-348-6243
Eastern Suffolk Division	Ph. 631-548-7042	Fax 631-548-7087
ELECTRIC EMERGENCY (Report as indicated below)		1-800-490-0075
• No Lights	• High or Low Voltage	
• Part Light	• Open Neutral/Bright and Dim	
• Flickering Lights		
LIPA EnergyWise Programs - 1 800-692-2626		

If you have questions or would like to share your ideas with us for future issues of this publication, please call Terresa Daniels at 631-436-5728.



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