

One More Reason to Call 811 Before You Dig

Before you embark on any excavating project, it is important that you call 811-the source for safe digging. Even small projects like planting trees requires a call. Digging without calling can cause serious damage to your home and the neighborhood's underground cables. Underground cables are highly vulnerable to damage and corrosion. The underground electric system is comprised of both direct buried cables that we are familiar with and a unique type of cable which is really a pipe filled with high pressure fluid. While the direct buried type of cable carries energy to our homes and businesses, the fluid-filled cables carry high voltage transmission from substation to substation.

These cables are highly vulnerable to damage when disturbed or hit by excavations. There are two types of possible excavation damage to high pressure fluid-filled cable:

1.) Scratch or Gouge - When a pipe becomes scratched or gouged, it damages the outer tape layer, which protects it from corrosion. Corrosion on the pipe will eventually cause the insulated fluid to leak. In most cases repairs can be made to a pipe before a leak develops if the incident is reported to LIPA immediately, minimizing costs and outages. If not reported, the leak would only be detected when a pressure drop is recorded at the pumping plant or if the insulating fluid becomes visible. These leaks are difficult to locate and repair.

2.) A Dig-in - If the pipe is punctured or torn, there will be an immediate loss of pressure. The loss of fluid can cause an electrical failure along the cable run that is not necessarily at the damage location. The repair effort involves an environmental clean up, locating the cable failure, and replacing the cable. The damage can cost millions of dollars in labor, time, and material to repair.

Do not assume that the damage is minor and acceptable or that you or others not familiar with these cable systems can make a repair. By calling 811 before you dig, you will be able to get your underground utility cables marked at no cost and help prevent unnecessary repairs and damages.

To report any incidents, such as gouges or dig-ins, on these underground facilities or others, immediately call LIPA Emergency Service at 1-800-490-0075.



A gouged pipe. The coating has already been removed.



A dig-in of the pipe-type cable



Insulating fluid that leaked prior to the repair required environmental clean up.

LIPA's Trade Ally Online Learning Programs

If you're a licensed engineer, architect or contractor and want to obtain more Continuing Education Credits (CEUs) without stepping into school, then join LIPA's Trade Ally community and sign up for our online learning programs. The Association of Energy Engineers (AEE) offers three types of online learning certificate programs, including certificate of Completion and Continuing Education Credits (CEUs):

- **24/7 Online Course:** For 30 days, the seminar is available to you at your convenience. You'll receive access to course material as well as to the

- **Realtime Distance Learning Program:** Participate in a "live" dynamic online workshop. Hear and see the instructor's presentation in real time. All you need to participate is access to both the Internet and a telephone.
- **Self-paced Study Course:** Participate anytime during the designated term period. The online class bulletin board is accessible 24 hours a day and allows you to interact with classmates, exchanging ideas concerning course material.

Book Discounts For LIPA Customers/Trade Allies

AEE now offers a 10% discount on all full-price books included in the AEE online store to LIPA customers and trade allies. To receive this discount, go to www.aeecenter.org/books/ and when ordering, use Discount Code **LIPABOOKS**. Book orders must be placed separately from seminar orders, and the 10% discount does not apply to books already on sale at the time of purchase in the online store, nor can it be combined with other special offers. For more information about the Trade Ally community or the classes, visit the Trade Ally section of our Web site at www.lipower.org/commercial/trade.

If you'd like your name added to our Trade News mailing list, please call the Energy Infoline at

1-800-692-2626

or visit us at: www.lipower.org/commercial/trade/news.html

Want a fast way to forward Trade News to others in your organization? E-mail us at

LIPATradeAlly@service.lipower.org and request an electronic copy.

For updates, links and additional information, visit the Trade Ally area of our Web site at www.lipower.org/commercial/trade

Online Payment Programs For Trade Allies

Operating a business comes with a lot of responsibility and hard work so why make it harder by worrying about your LIPA payments? With LIPA's Online Bill payment services, you can concentrate on the more important issue of growing your business. With LIPA's EasyStreet Program, LIPA will send you an e-mail notification when your bill is ready to be viewed online you can arrange to have it paid automatically right from your bank account. You provide us with your banking information and we'll account number and LIPA will take care of the rest!

LIPA's EasyStreet Program is a safe and secure way to:

- Receive an e-mail notifying you when your bill is ready to be viewed and paid online.
- Have your bill available for you to view 24 hours day/seven days a week, so you can check it any time - day or night!
- Stop paper bills! No more clutter!

Join the thousands of Long Island's Trade Ally professionals who subscribe to LIPA's online billing services by visiting www.lipower.org and clicking on "My Account" or calling our Business Call Center at 1-800-966-4818.

Save the Date!

LIPA's Trade Ally Energy Solutions Seminar and Expo

October 16th, 7:30 AM – 4:00 PM

Sheraton Hotel and Conference Center

110 Vanderbilt Motor Parkway
Smithtown, NY

Come network with your peers and learn about new products and services!

This is a **FREE** event and will include seminars on EPAct and tax savings for energy efficient equipment, as well as, the latest information on Photovoltaic solar systems.

For more information, contact us at **1-800-692-2626**.

Get On Board With Efficiency Long Island!

On January 1, 2009, LIPA will launch its energy efficiency program *Efficiency Long Island*, which will offer residential and commercial customers an array of programs to help reduce their energy usage resulting in savings on future bills and achieving significant environmental benefits.

This program expands on LIPA's 10-year Clean Energy Initiative (CEI) commitment to promote clean new electric generation technologies and energy efficiency.

For residential customers, Efficiency Long Island will assist with:

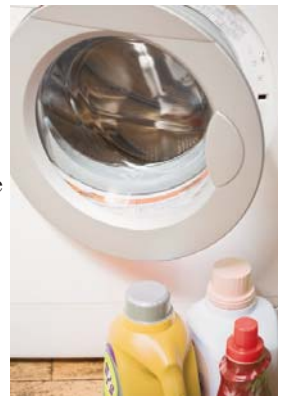
- Efficient Products – Purchases of lighting, appliances, consumer electronics, room air conditioners and dehumidifiers from retail outlets
- ENERGY STAR® Labeled Homes – includes building shell upgrades, HVAC, hot water, duct seals, lighting and high efficiency appliances
- Existing Homes – duct sealing and tune-ups for central air conditioners, whole house retrofit assistance and installation services, Residential Energy Affordability Program (REAP), and properly installed higher-than-code efficiency central air and heat pump equipment

For commercial customers, Efficiency Long Island will assist with:

- Commercial & Industrial ("C&I") New Construction – targets all new buildings and major renovations
- C&I Existing Buildings – addresses equipment purchases stemming from natural replacement at the end of useful life and retro-fits (discretionary replacement of functioning inefficient equipment)

LIPA has deemed Efficiency Long Island the most cost-effective resource option currently available to meet Long Island's growing energy needs. It is estimated that implementation of Efficiency Long Island will reduce CO2 emissions by about 12 million metric tons compared to the CO2 emissions that would be produced from new power plants burning natural gas. This is equivalent to removing 2.5 million cars from Long Island roads.

For more information about LIPA's Efficiency Long Island Program, visit us online at www.lipower.org/efficiency.



LIPA
TRADE ALLY
PARTNER

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TRADE NEWS

1-800-692-2626

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LIPA
Long Island Power Authority

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