We want to provide you with the information you need to stay safe at work and home.

**FACT 1**
Power lines that serve your homes and businesses are not insulated like home appliance cords.

**FACT 2**
Power lines carry up to 230,000 volts of electricity that can seriously injure or kill on contact.

**FACT 3**
The simplest way to stay safe is to know where your power lines are located and stay away.

Tampa Electric cares about your safety. This brochure contains important information for anyone working around power lines.

**YOUR SAFETY IS OUR PRIORITY**

**NEED MORE INFORMATION?**
Call Tampa Electric at **813-635-1500**
Report an outage at **877-588-1010**

**FOR ADDITIONAL INFORMATION**
LINE CLEARANCE
tampaelectric.com/treetrimming
METER SOCKET REQUIREMENTS
tampaelectric.com/files/content/sesr.pdf
NEW CONSTRUCTION
tampaelectric.com/business/construction/
POWER OUTAGES
tampaelectric.com/residential/outages/
STORMS AND SAFETY
tampaelectric.com/residential/stormsandsafety/

**OTHER RELATED CONTACTS**
Call Sunshine **811** or visit sunshine811.com/

**LOOK UP AND LIVE: WORKING AROUND ELECTRIC LINES**
Protect yourself, your crew and the public when working around power lines.

**KNOW YOUR VOLTAGE**
**KNOW YOUR CLEARANCE**
Federal law requires that all contractors maintain at least a 10-foot clearance from overhead power lines up to 50 kV. Greater clearance is required for higher voltage power lines and cranes and derricks in construction.

Contact Tampa Electric at least three working days before you start working near overhead power lines and equipment to consider safety recommendations.

Treat all power lines, regardless of their operating voltage, with caution:
• Assume all overhead power lines are energized.
• Contact Tampa Electric if you are in doubt about safe operating distances.

**DOWNED POWER LINES**
• In case of emergency, call 911. Avoid touching lines or anyone in contact with lines.
• Notify the utility immediately of the downed line or exposed cable location.
• Assume lines are energized – stay away!
• Never drive over downed power lines.

This brochure is intended to inform our customers of safe work practices and does not include all scenarios relating to safety with energized lines and equipment. Our goal is to help prevent injury by increasing safety awareness.
A PLANNED PROJECT IS A SAFE PROJECT

• Check the job site for hazards and know the location of all overhead power lines and electric equipment, including poles and guy wires.
• Consider all overhead lines as energized. Mark the work site boundaries to keep workers, vehicles, tools and equipment a safe distance from electric lines and equipment.
• Hold a pre-work safety meeting and point out areas where overhead lines and electric equipment are located.

WE CAN HELP YOU:
• Confirm voltage.
• Confirm clearance.
• Confirm wire height under peak conditions.
• Provide safety guidance around power lines.
• Review and approve drawings for:
  - Compliance with right-of-way restrictions.
  - Compliance to the National Electric Safety Code.
• Trim trees interfering with high-voltage distribution lines.
• Line cover may create visual alertness – they do not insulate the energized lines.
• Identify the best, safe solution.

EMERGENCY SITUATIONS
If your equipment makes contact with an overhead power line, notify Tampa Electric immediately and take these precautions:
• Have someone call 911.

• Remain on the equipment until utility workers arrive and de-energize the line.
• Warn others to stay away. Those on the ground can be injured or killed if they make contact with the equipment.
• If you must leave the equipment because of fire or other dangers, jump off with your feet together. Never touch the ground and equipment at the same time. Keeping your feet together, shuffle or hop away until you are clear of the area.
• Move equipment away from the line only if it is safe to do so.

EXCAVATING OR TRENCHING
• Call 811 two full business days before digging on a project site to have underground utility lines marked for free.
• Survey the jobsite before construction.

SCAFFOLDING AND LADDERS
• Be aware of energized lines and set up to maintain minimum clearance of 10 feet.
• Consider overhead and underground lines when installing trees, poles, antennas or objects to be raised on platforms.

CRANES AND DERRICKS
• For line voltage up to 350 kilovolts (kV) phase to phase, if any part of the crane/derrick equipment,

load line or load can get closer than 20 feet to the power line, in any direction, the employer of the non-utility personnel shall meet the requirements of OSHA 29 CFR 1926 1407 through 1411 to use the minimum clearance for cranes and derricks.

NON-QUALIFIED PERSONNEL AND EQUIPMENT

<table>
<thead>
<tr>
<th>MINIMUM CLEARANCES</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>0-750 volts</td>
<td>10 feet</td>
</tr>
<tr>
<td>751-50,000 volts</td>
<td>10 feet</td>
</tr>
<tr>
<td>69,000 volts</td>
<td>11 feet</td>
</tr>
<tr>
<td>138,000 volts</td>
<td>13 feet</td>
</tr>
<tr>
<td>230,000 volts</td>
<td>16 feet</td>
</tr>
</tbody>
</table>

STORMS AND OUTAGES
• During storms and outages, downed lines occur – always assume lines are energized!
• Portable generators have become common. Backfeed is dangerous. It can energize line or objects in contact with line such as fences. In the event of an outage when you must leave your home unattended, turn off your main breaker in the panel box. Always do this when using a generator.
IS A SAFE PROJECT

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Know Your Voltage
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