

Typical Underground Equipment

When converting overhead power lines underground, Florida Power & Light Company follows strict construction guidelines. These guidelines have been established for the purposes of providing our customers with safe and reliable service.

Underground power lines and equipment work much the same as the current power lines and equipment that are overhead. For instance, power lines that transmit power and transformers that step down power to safely supply it to your home will be converted for your new underground electric service. Not every property will require above-ground equipment. If equipment is needed, a qualified representative will meet with you to discuss the design of your project and the specific equipment that will be installed.

Here are some of the examples of our equipment that may be installed on your property for your new underground electric service.

Typical Residential Equipment



Single Phase Transformer

- » Typical dimensions of equipment (pictured):
40 inches long by 36 inches wide by 26 inches tall
- » Typical concrete foundation dimensions for transformer:
55 inches long by 48 inches wide and 6 inches tall
- » Required easement for equipment's installation and operation: **10 feet by 10 feet**



Underground Handhole

- » Handholes are installed underground. The top plate will be visible.
- » Typical dimensions are **17 inches by 24 inches**
- » Required easement for equipment's installation and operation: **10 feet by 10 feet**