

# Grid Investment Plan

## Equipment Details

### About the Grid Investment Plan



Georgia Power's Grid Investment Plan is a multi-year initiative to enhance service and reliability in communities across Georgia. Our plan focuses on upgrading transmission and distribution infrastructure across the power grid.

### About the Undergrounding Project

We will be placing targeted portions of overhead power lines underground, so they are less prone to damage from trees or vehicles. As a result, we expect fewer and shorter outages in your area once work is complete. During construction, you may see construction equipment, line crews, and traffic closures in your area.

### Typical Equipment Installed

Undergrounding of overhead lines requires additional equipment to be installed to support the new underground system. The type of equipment, design, and logistics will be discussed with you by a community land agent. Provided below are examples of the type of equipment that may be installed to improve power reliability.

Single Phase Transformer



**Location:** Residential (every few homes)

**Approximate size:** 34" L x 31" W x 26" H (in)

**Clearance area:** Approx. 10' (feet) from all sides of the equipment.

**Purpose:** Power delivery to customers

Single Phase Terminating Cabinet



**Location:** Residential (as needed)

**Approximate size:** 30" L x 18" W x 33" H (in)

**Clearance area:** Approx. 10' (feet) from all sides of the equipment.

**Purpose:** Run service to a side street or property off the direct path of the line

See next page for more information...

For more information, call us at 888-404-1056, email us at [G2GPgrid@southernco.com](mailto:G2GPgrid@southernco.com), or visit the Georgia Power website at [www.georgiapower.com/grid](http://www.georgiapower.com/grid) to learn more!

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# Grid Investment Plan Equipment Details

## Typical Equipment Continued

### Three Phase Terminating Cabinet



**Location:** Residential or Commercial (as needed)

**Approximate size:** 70" L x 24" W x 30" H (in)

**Clearance area:** Approx. 10' (feet) from all sides of the equipment.

**Purpose:** Run service to a side street or property off the direct path of the line

### Three Phase Transformer



**Location:** Commercial or Apartment

**Approximate size:** 72" L x 54" W x 70" H (in)

**Clearance area:** Approx. 10' (feet) from all sides of the equipment.

**Purpose:** Power delivery to customers

### Switching Cubicle



**Location:** Residential or Commercial (as needed along path of main line)

**Approximate size:** 81" L x 78" W x 60" H (in)

**Clearance area:** Approx. 10' (feet) from all sides of the equipment.

**Purpose:** Allows connection and switching between lines

### Padmount Recloser



**Location:** Residential or Commercial (as needed along path of main line)

**Approximate size:** 91" L x 71" W x 55" H (in)

**Clearance area:** Approx. 10' (feet) from all sides of the equipment.

**Purpose:** Allows power to return quickly after a small fault