

# Board of Public Works



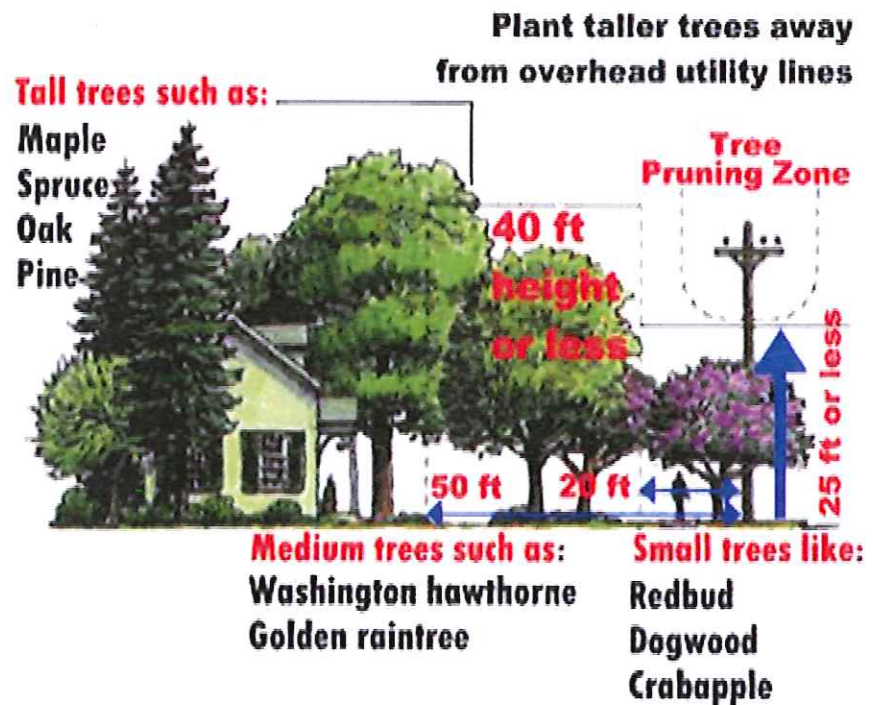
GAFFNEY, SOUTH CAROLINA



The Board of Public Works is proud to be a Tree Line USA Utility as designated by the National Arbor Day Foundation. The Arbor Day Foundation Tree Line USA program promotes the dual goals of dependable utility service and abundant, healthy trees in America's communities.

Each year as Fall approaches and the leaves begin to change, many of us make plans to add a new tree to your landscape. Trees and utility service lines are integral components of every community. By necessity they must co-exist in close proximity, and each in its own way is essential to our high standard of living. The drawing below can help you determine the best location and height for planting trees near utilities in your yard and at your curb.

On the reverse side of this publication you will find a compilation of suitable species of trees in addition to those shown on the drawing categorized according to size and recommended distance from the power line. We hope you find this information helpful and thank you for your trust in the Board of Public as "Your Hometown Utility".



## TREE SECTION GUIDE For Distribution Power Line Plantings

### SMALL-MATURING TREES (<25 ft.)

| <u>COMMON TREE NAME</u>             | <u>SCIENTIFIC NAME</u>                   | <u>Distance from Power Line, Feet</u> |
|-------------------------------------|--|---------------------------------------|
| Redbud – Eastern, Chinese, Oklahoma | <i>Cercis Canadensis</i>                 | 10 ft.                                |
| Fringetree, Chinese & White         | <i>Chionanthus virginicus</i>            | 10 ft.                                |
| Dogwood species                     | <i>Cornus spp</i>                        | 10 ft.                                |
| Holly, Yaupon                       | <i>Ilex vomitoria</i>                    | 10 ft.                                |
| Holly, Burford                      | <i>Ilexcornuta 'Burfordii'</i>           | 10 ft.                                |
| Cherry, flowering                   | <i>Prunus spp</i>                        | 10 ft.                                |
| Crabapple species                   | <i>Malus spp</i>                         | 10 ft.                                |
| Magnolia, Southern 'Little Gem'     | <i>Magnolia grandiflora 'Little Gem'</i> | 10 ft.                                |
| Maple, Japanese                     | <i>Acer palmatum</i>                     | 10 ft.                                |
| Tea olive, Fortune's                |  |                                       |
| Osmanthus, Fortune's                | <i>Osmanthus x fortunei</i>              | 10 ft.                                |

### MEDIUM-MATURING TREES (25-50 ft.)

| <u>COMMON TREE NAME</u>    | <u>SCIENTIFIC NAME</u>              | <u>Distance from Power Line, Feet</u> |
|----------------------------|-------------------------------------|---------------------------------------|
| Birch, River               | <i>Betula nigra</i>                 | 30 ft.                                |
| Crape Myrtle               | <i>Lagerstroemia spp</i>            | 20 ft.                                |
| Cryptomeria, Japanese      | <i>Cryptomeria Japonica</i>         | 20 ft.                                |
| Cypress, Leyland           | <i>X Cuppressocyparis leylandii</i> | 20 ft.                                |
| Elm, Chinese               | <i>Ulmus arvifolia</i>              | 30 ft.                                |
| Ginkgo                     | <i>Ginkgo biloba</i>                | 30 ft.                                |
| Goldenraintree             | <i>Koelreuteria paniculata</i>      | 20 -25 ft.                            |
| Hawthorn, Washington       | <i>Crataegus phaenopyrum</i>        | 25 ft.                                |
| Holly, Nellie R. Stevens   | <i>Ilex x 'Nellie R. Stevens'</i>   | 15 ft.                                |
| Holly, American            | <i>Ilex Americana</i>               | 15 ft.                                |
| Maple – Trident, Paperbark |                                     |                                       |
| Chalkbark, Amur or Hedge   | <i>Acer spp</i>                     | 25 ft.                                |
| Pear, Callery              | <i>Pyrus calleryana</i>             | 25 ft.                                |
| Pine, Japanese Black       | <i>Pinus nigra</i>                  | 25 ft.                                |
| Pine, Mugo                 | <i>Pinus mugo</i>                   | 20 ft.                                |
| Pistacia, Chinese          | <i>Pistacia chinensis</i>           | 30 ft.                                |

### LARGE-MATURING TREES (>50 ft.)

| <u>COMMON TREE NAME</u>       | <u>SCIENTIFIC NAME</u>         | <u>Distance from Power Line, Feet</u> |
|-------------------------------|--------------------------------|---------------------------------------|
| Ash species                   | <i>Fraxinus spp.</i>           | 30 ft.                                |
| American Beech                | <i>Fagus grandifolia</i>       | 40 ft.                                |
| Baldcypress                   | <i>Taxodium distichum</i>      | 25 ft.                                |
| Cedar, Deodara                | <i>Cedrus deodara</i>          | 30 ft.                                |
| Magnolia, Southern            | <i>Magnolia grandiflora</i>    | 35 ft.                                |
| Maple, Red                    | <i>Acer rubrum</i>             | 30 ft.                                |
| Maple, Sugar                  | <i>Acer saccharum</i>          | 30 ft.                                |
| Oak species                   | <i>Quercus spp.</i>            | 40 ft.                                |
| Pine species                  | <i>Pinus spp.</i>              | 35 ft.                                |
| Planetree, London ('Yarwood') | <i>Platanus x acerifolia</i>   | 45 ft.                                |
| Redcedar, Eastern             | <i>Juniperus virginiana</i>    | 20 ft.                                |
| Tuliptree (Yellow Poplar)     | <i>Liriodendron tulipifera</i> | 35 ft.                                |
| Tupelo (Black gum)            | <i>Nyssa sylvatica</i>         | 25 ft.                                |

Recommended by Jeff Lane of Santee-Cooper Power with input from  
the SC Forestry Commission Community Forestry Staff.