

RIGHT TREE RIGHT PLACE

Keeping your power on and your property safe and green

Trees can add beauty to your home or business and shade to boost your energy efficiency. But trees planted too close to power lines can grow into big problems and be expensive to maintain.

To provide you with safe, reliable service, Duke Energy maintains trees and other vegetation along our power lines. You can do your part to help keep trees healthy and prevent power outages by planting the right tree in the right place.

Avoid tree and power line conflicts

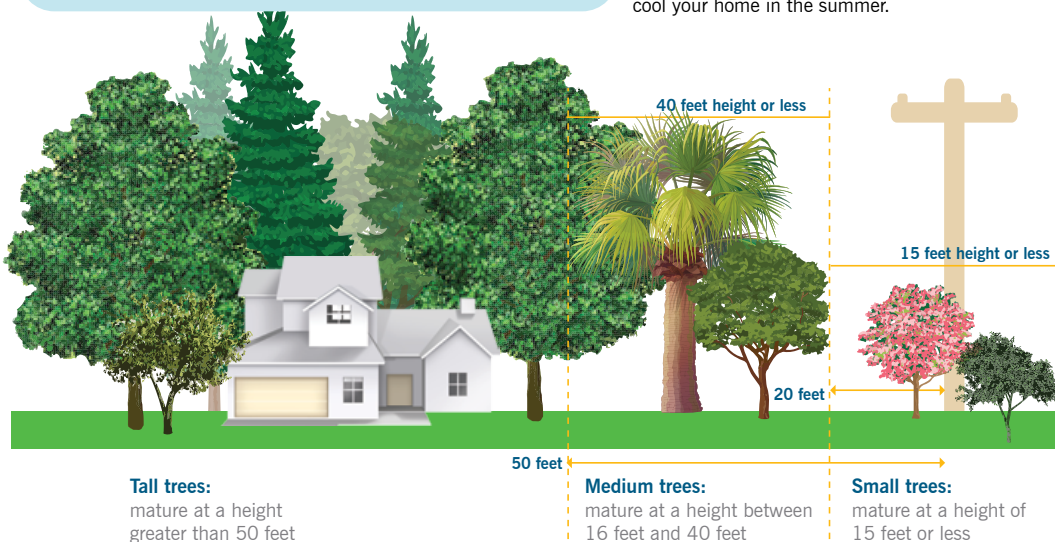
Thinking about planting a tree? Look up from where you intend to plant, and see if any power lines are overhead or nearby. Now consider what that tree will look like several years from now. It may be hard to imagine, but there's a chance that the small tree you plant today could grow as tall as 100 feet.

Note: Applicable to distribution only – not transmission.

Plant the right tree in the right place

Plant taller trees away from overhead distribution utility lines

Plant deciduous trees on the south-facing side of your home in the fall to allow warmth from the sun in the winter and to block sunlight to cool your home in the summer.





Selecting a tree

KEY FACTORS TO CONSIDER:

Purpose – Once you determine the tree's purpose, you can select from species that will serve that purpose well. See diagram on page 1.

Size, location and growth rate – The size and location of the tree, including space available for roots and branches to grow, affect your decision on which species to plant. (See diagram on front.)

Crown form or shape – The crown/canopy form or shape varies among tree species, such as round, V-shaped, oval or pyramid shapes. Consider how the canopy form or shape will work in your space.

Planting guidelines

When planting near Duke Energy rights of way

CALL BEFORE YOU DIG

No matter what type of tree you decide to plant, always call before you dig. Simply call 811 to have underground utilities located at least two business days before you plan to plant. You also can use the online process at Call811.com. This service is free.



DISTRIBUTION LINES

If you plan to plant near overhead distribution power lines or poles, reference the “Plant the right tree in the right place” graphic or contact Duke Energy. Our vegetation management specialists are certified arborists and can work with you to ensure compatibility.

And remember to keep the ground/pad transformer (green box typically found in front of homes) clear to allow for maintenance and repairs. Maintain a clearance of 10 feet in the front and 3 feet on all sides.



TRANSMISSION LINES

The larger lines that carry power from our power plants to substations are called transmission lines. These power lines carry higher-voltage electricity than distribution lines found in most neighborhoods. You should not plant trees under transmission lines. They not only can become overgrown and cause power outages, but they can also block the path of vehicles that need access to the lines for maintenance or emergency repairs.

Please visit the web address below for further details on Duke Energy Transmission Right-of-Way Guidelines and Restrictions for your state.

Safety reminder: Do not attempt to trim trees around power lines yourself. These lines are energized and extremely dangerous. You should hire a qualified professional tree contractor to do this work.



YOUR SAFETY IS OUR PRIORITY

At Duke Energy, safety is a top focus. For more information on safe practices around power lines, visit duke-energy.com/trees.