

LET US HELP  
YOU CREATE A  
TREE-RIFIC PLAN.



## RIGHT TREE, RIGHT PLACE



Delivering water and power™

### BENEFITS

Properly placed trees and shrubs can provide shade and protection from the wind and help reduce heating and cooling costs.

### OVERHEAD LINES

If you live in an area with overhead power lines, tree height and distance from the power lines are major concerns. Use this brochure to identify the recommended trees and shrubs that work best for the locations where you are considering planting.

Trees planted within 25 feet of a power line should not exceed 20 feet in height at maturity. Trees taller than 20 feet at mature height should be planted 40 feet away (or greater) from overhead power lines.

You should never attempt to trim trees near power lines or hire a tree trimming contractor to work within **10 feet** of energized power lines.

If you want to trim near overhead lines that run between a power pole and your home or other structure on your property, please call SRP at **(602) 236-8888** to arrange for a temporary disconnection of service. Please call at least a day in advance of the anticipated tree trimming work and provide us with a daytime phone number.

### UNDERGROUND EQUIPMENT

If you have underground service, you may have a pad-mounted transformer in or near your yard. Trees and shrubs should not be planted within 3 feet of the sides and rear or within 12 feet of the front of underground equipment. Remember, somewhere in your yard there is a power line that runs from the transformer to your home.

Before you dig, call **Arizona 811**. They will mark the locations of the underground service lines in the area where you plan to dig and can help you avoid planting on top of an underground power line where tree roots may interfere. There is no charge for this service.

### TREES AND POWER LINES

Consider these power line-friendly trees when planting near overhead distribution lines:

**Cascalote** | *Caesalpinia cacalaco*

Mature height: 10–20 feet

**Leather Leaf Acacia** | *Acacia craspedocarpa*

Mature height: 15 feet

**Mastic** | *Pistacia lentiscus*

Mature height: 12–15 feet

**Mexican Bird of Paradise** | *Caesalpinia mexicana*

Mature height: 10–15 feet

**Monk's Pepper** | *Vitex agnus-castus*

Mature height: 10–15 feet

**Mulga** | *Acacia aneura*

Mature height: 12–16 feet

**Purple Leaf Plum** | *Prunus cerasifera*

Mature height: 20 feet

**Pygmy Date Palm** | *Phoenix roebelenii*

Mature height: 10–15 feet

**Texas Mountain Laurel** | *Sophora secundiflora*

Mature height: 10–15 feet

**Yellow Tree Oleander** | *Thevetia peruviana*

Mature height: 10–20 feet

**Xylosma** | *Xylosma congestum*

Mature height: 15–20 feet

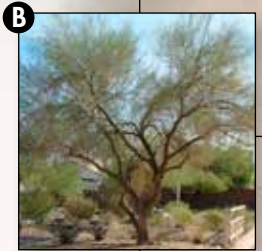
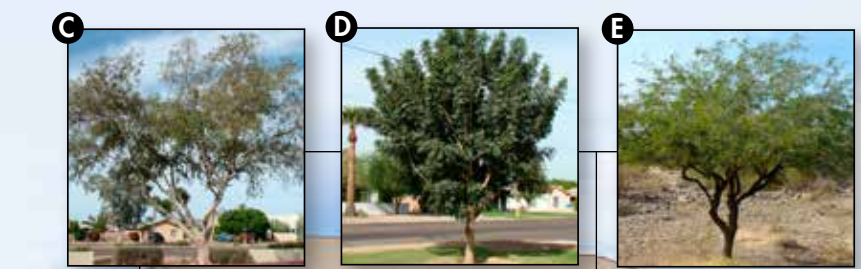
This brochure provides basic information about which trees can be planted under or near overhead power lines. For more information, visit your local garden center or use one of the following resources:

[srpnet.com/electric/trees.aspx](http://srpnet.com/electric/trees.aspx)

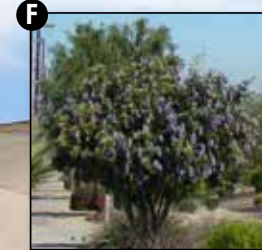
[aztrees.org](http://aztrees.org)

[treesaregood.org](http://treesaregood.org)

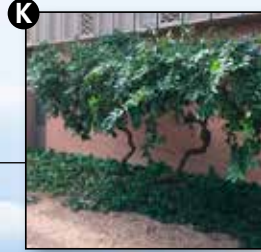
# RIGHT TREE, RIGHT PLACE



Plant trees over 20' at mature height 40' or more from utility lines and poles.



Trees planted within 25' of utility lines and poles should not exceed 20' at maturity.



Properly placed plants should be at least 10' away from utility poles.

POWER LINE-FRIENDLY TREES		
Letter ID	Common Name	H x W
F	Texas Mountain Laurel	20 x 15
G	Monk's Pepper	20 x 20
H	Pygmy Date Palm	15 x 5
I	Mulga	20 x 20
J	Purple Leaf Plum	20 x 20
K	Xylosma	20 x 15
L	Leather Leaf Acacia	15 x 15
M	Mastic	20 x 15
N	Mexican Bird of Paradise	20 x 20
O	Yellow Tree Oleander	20 x 15
P	Cascalote	20 x 20

SHADE TREES		
Letter ID	Common Name	H x W
A	Arizona Ash	40 x 40
B	Blue Palo Verde	35 x 35
C	Chinese Elm	60 x 70
D	Chinese Pistache	60 x 50
E	Mesquite	40 x 35

