

Recommended Shrub Species for Planting within Dominion Energy Electric Transmission Rights-of-Way

Height restrictions for planting within Dominion Energy's transmission right-of-ways (ROW) vary based on several factors including engineering design, terrain, climate, and distance from transmission structures. Therefore, the species contained within this document are intended to be used as a general guideline but do not work in every location. All requests for planting within the ROW are site specific and must be approved by Dominion Energy Virginia prior to installation. Information regarding encroachment requests can be found at <https://www.dominionenergy.com/safety/rights-of-way-usage-and-safety>.

Invasive plants should not be planted within any Dominion Energy ROW. Please stay informed of the current Invasive Plant Species List by visiting the Virginia Department of Conservation and Recreation website here: <https://www.dcr.virginia.gov/natural-heritage/invspdflist>
Or use the QR code below to take you directly to their Invasive Plant Species List.



Deciduous Species

Botanical Name	Common Name	Mature Height	Mature Width	Notes*	Tolerates**
<i>Aronia arbutifolia</i>	Red chokeberry	6-10'	3-6'	N, P	WS, PS
<i>Aronia melanocarpa</i>	Black chokeberry	3-8'	6-10'	N,	WS
<i>Betula nigra</i> 'Little King'	Fox Valley Dwarf River Birch	8-10'	8-10'	N	DR, WS
<i>Callicarpa americana</i>	American beautyberry	4-8'	3-6'	N, P	PS
<i>Calycanthus floridus</i>	Sweetshrub	6-12'	6-12'	P	DR, PS
<i>Ceanothus americanus</i>	New Jersey Tea	3-5'	3-5'	N, P	PS
<i>Cephalanthus occidentalis</i>	Buttonbush	5-8'	3-6'	N, P	DR, WS, PS
<i>Cercis</i> 'Avondale' or Ace of Hearts	Dwarf redbud	12'	12-15'	N, P	
<i>Cercis</i> 'Cascading Hearts' or 'Ruby Falls'	Weeping redbud	8-10'	8-10'	N, P	
<i>Clethra alnifolia</i>	Sweet pepper bush	5-10'	4-6'	N	DR, WS, PS
<i>Cornus amomum</i>	Silky dogwood	6-12'	6-12'	N, P	DR, WS, PS
<i>Cornus sericea</i>	Red twig dogwood	5-10'	5-10'	N, P	WS, PS
<i>Corylus americana</i>	American hazelnut	9-12'	8-13'	N	PS
<i>Cotinus coggygria</i> 'Velveteen'	Purple smoke bush	3-4'	3-4'	P	DR,

Diervilla lonicera	Northern bush honeysuckle	2-5'	2-5'	N,P	PS, DS
Euonymus americanus	Strawberry bush	4-6'	4-6'	N,	PS, FS, DS
Fothergilla gardenii	Dwarf fothergilla	1.5-3'	2-4'	N, P	PS, WS
Hamamelis virginiana 'Little Suzie'	Common witch hazel	4-5'	4-5'	NV, P	DR, PS
Hydrangea arborescens	Wild hydrangea	3-5'	3-5'	N, P	DR, PS
Hydrangea quercifolia	Oakleaf hydrangea	4-8'	4-10'	P	PS
Hypericum densiflorum	Bushy St. John's Wort	3-7'	3-10'	N, P	PS, WS
Hypericum prolificum	Shrubby St. John's Wort	1-5'	1-4'	N, P	DS, PS
Ilex verticillata	Winterberry holly	6-12'	6-12'	N, P	DR, WS, PS
Itea virginica	Virginia sweetspire	4-8'	3-6'	N, P	DR, WS, PS
Leucothoe axillaris	Coastal dog-hobble	3-4'	4-6'	N,P	Poisonous, WS, PS
Magnolia x 'Ann'	Ann magnolia	8-12'	10-12'		
Malus sargentii	Sargent crabapple	8-10'	8-10'		
Philadelphus virginialis	Mockorange	6-10'	6-10'		PS
Physocarpus opulifolius	Ninebark	5-8'	6-10'	N, P	DS, PS
Rhododendron atlanticum	Dwarf azalea	3-6'	3-6'	N,P	PS
Rhododendron periclymenoides	Pinxterbloom azalea	4-10'	4-5'	N, P	PS
Rhododendron viscosum	Swamp azalea	5-10'	5-12'	N, P	WS
Rhus aromatica	Fragrant sumac	2-6'	6-10'	N, P	DS, PS
Sambucus canadensis	Common elderberry	9-12'	6-12'	N, P	WS, PS
Spiraea alba	Narrowleaf meadowsweet	3-4'	3-4'	N, P	DR, WS, PS
Spirea latifolia	Broadleaf meadowsweet	2-5'	2-4'	N,P	DR, PS, WS
Spirea tomentosa	Steeplebush	2-4'	3-5'	N, P	WS, PS
Spiraea x vanhouttei	Vanhoutte spirea	5-8'	7-12'	P	DR, PS
Syringa spp.	Common lilac	5-10'	5-10'	P	PS
Vaccinium angustifolium	Northern lowbush blueberry	0.5-3'	1-3'	N, P	PS, FS
Vaccinium corymbosum	Highbush blueberry	6-12'	5-10'	N	PS
Vaccinium pallidum	Blue Ridge blueberry	2-3'	2-3'	N, P	PS, FS, DS
Viburnum acerifolium	Mapleleaf viburnum	3-6'	2-4'	N, P	PS
Viburnum carlesi	Fragrant Koreanspice viburnum	4-6'	4-6'	P	DR, PS
Viburnum dentatum	Arrowwood viburnum	6-10'	6'-10'	N, P	DR, PS
Viburnum nudum	Witherod (Winterthur)	6-12'	6-12'	N, P	WS, PS
Viburnum trilobum	American cranberrybush viburnum	8-15'	8-10'	N, P	DR, PS
Viburnum trilobum 'Compactum'	American cranberrybush viburnum	4-6'	4-6'	NV, P	DR, PS
Weigela florida, many cultivars	Weigela	3-8'	3-12'	P	DR, PS

* N=Native, NV=Nativar (cultivar of a native), P=Pollinator

* **DR=Deer, WS=Wet Soils, DS=Dry Soils, PS=Partial Shade, FS=Full Shade

Evergreen Species

Botanical Name	Common Name	Mature Height	Mature Width	Notes*	Tolerates**
Abelia grandiflora	Glossy abelia	4-8'	3-6'	P	DR, PS
Cedrus deodara 'Prostrate Beauty'	Deodar cedar	3-4'	6-8'		
Cephalotaxus harringtonia 'Duke Gardens'	Japanese plum yew	3-5'	3-5'		DR, PS, DS
Cephalotaxus harringtonia 'Fastigiata'	Japanese plum yew	8-10'	3-5'		DR, PS, DS
Cephalotaxus harringtonia 'Yewtopia'	Japanese plum yew	3-4'	3-4'		DR, PS, DS
Chamaecyparis obtusa 'Nana Gracilis'	Hinoki cypress	4-8'	4-8'		PS
Distylium 'Emerald Heights'	Distylium	5'	8'		DR, DS, PS
Distylium 'Linebacker'	Distylium	8-10'	6-8'		DR, DS, PS
Ilex cornuta burfordii 'Nana'	Dwarf Burford holly	6-8'	6-8'	P	DR, PS
Ilex cornuta 'Needlepoint'	Needlepoint Chinese holly	10-15'	10-12'		FS
Ilex glabra	Inkberry	5-10'	5-8'	N, P	WS, PS
Ilex glabra, 'Shamrock'	Shamrock holly	3-4'	3-4'	NV	DR, WS, PS
Ilex x 'Conaf'	Oak leaf holly	12-14'	6-8'		PS, DR
Ilex x meservea, 'China Girl'	China Girl holly	8-10'	6-8'		PS, DR
Juniper chinensis 'Blue Point'	Blue Point juniper	10-12'	6-8'		DR
Juniperus chinensis 'Angelica Blue'	Angelica Blue Pfitzer juniper	5-6'	6-10'		DR
Juniperus communis 'Gold Cone'	Gold Cone juniper	4-6'	3-4'	NV	DR
Juniperus virginiana 'Gray Owl'	Red cedar	3-7'	4-9'	NV	DR
Kalmia latifolia CVS ONLY	Mountain laurel			NV, P	PS
Loropetalum chinense 'Burgundy'	Burgundy loropetalum	6-10'	6-10'		DR, PS, DS
Loropetalum chinense 'Dark Fire'	Chinese fringe-flower	5'	5'		DR, PS, DS
Morella caroliniensis	Evergreen bayberry	2-10'	3-7'	N	WS
Myrica pennsylvanica	Northern bayberry	5-10'	5-10'	N	DR, WS, PS
Osmanthus heterophyllus	Holly osmanthus	8-15'	5-10'		DR, PS
Pieris floribunda	Mountain pieris	4-6'	3-4'	N, P	PS
Pieris japonica	Japanese pieris	8-10'	6-8'		PS, DR
Pinus densiflora 'Low Glow'	Japanese red pine	3-5'	3-5'		DR
Pinus strobus 'Blue Shag'	Dwarf eastern white pine	6'	6'	NV	DR
Prunus laurocerasus 'Otto Luyken'	Otto Luyken laurel	3-6'	4-7'		PS, FS

Prunus laurocerasus 'Schipkaensis'	Schip laurel	10-15'	5-7'		PS
Raphiolepis umbellata	Indian hawthorne	4-6'	4-5'		PS
Thuja occidentalis 'Emerald'	Emerald Green arborvitae	10-15'	3-4'	NV	
Thuja occidentalis 'Golden Globe'	Golden Globe arborvitae	2-4'	2-4'	NV	
Viburnum x pragense	Prague viburnum	8-12'	8-12'	P	DR, PS

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