

ENERGY- SAVING TREES PROGRAM

City of Fort Lauderdale
Green Your Routine
Feb, 12 2024



We Are Green
We Are FTL



Arbor Day
Foundation

Agenda

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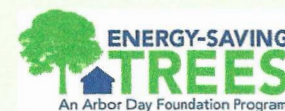
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How to Promote it on Social Media

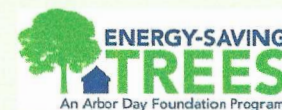
Point of Contact / Q&A Session

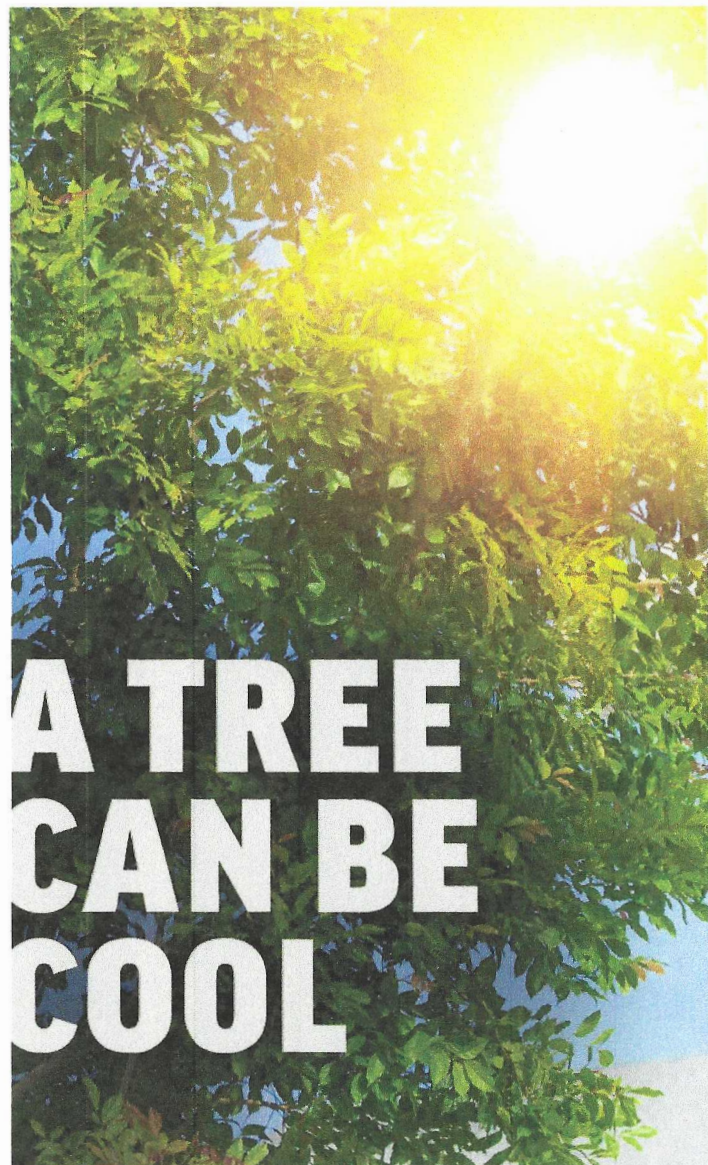


ENERGY-SAVING TREES

Background

The Arbor Day Foundation is the world's largest membership nonprofit dedicated to planting trees. Through a partnership with the Arbor Day Foundation, the City of Fort Lauderdale will be giving away 378 trees to help our neighbors reduce energy consumption, increase our tree canopy, and save money.

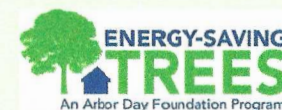





Overview of the Energy Savings Tree Program

The Arbor Day Foundation's Energy-Saving Trees application, lets homeowners choose the right species and planting location in their yard to best lower energy costs. Homeowners are directed to a custom website where they use an online mapping tool that guides them to the ideal location to plant trees around their homes for maximum energy savings.

The website provides the residents and City with data on the environmental and community impact of these distributed trees. Once trees have been reserved, the Arbor Day Foundation will ship trees directly to participants.





Benefits of Trees

TREES COMBAT URBAN HEAT ISLAND EFFECT BY:

- Cooling temperatures by up to 10 degrees and providing relief from extreme heat
- Reflecting up to 90 percent of the sun's energy back into the atmosphere
- Shading homes and lowering electricity bills
- Lowering surface temperatures in parking lots by approximately 36 degrees



TREES ENHANCE AIR QUALITY BY:

- Lowering outdoor temperatures, which reduces energy consumption and the pollution it creates
- Capturing carbon emissions that lead to climate change. A single tree removes 22lbs of carbon per year
- Absorbing hundreds of thousands of metric tons of air pollution a year and replacing it with oxygen



TREES BUILD VIBRANT NEIGHBORHOODS BY:

- Inviting neighbors to go outdoors and connect with one another
- Lowering crime rates and acts of aggression
- Growing a sense of community



TREES BOOST COMMUNITY HEALTH AND HAPPINESS BY:

- Encouraging physical activity and spending time outdoors
- Lowering blood pressure and stress, and improving mental well-being
- Reducing conditions that worsen respiratory problems



TREES IMPROVE WATER QUALITY BY:

- Absorbing 25 to 35 percent of rainfall and controlling flooding better than manmade systems
- Restricting stormwater runoff from reaching our waterways
- Filtering heavy metals and other pollutants

NATIONWIDE

- Arbor Day Foundation/Dak Society
- FedEx
- NBC Universal, CT, FL, NJ, NY

WEST

- Avista Utilities, Spokane, WA
- Boulder County, CO
- Black Hills Energy, CO, SD, NE, WY, KS, AR
- California Urban Forest Council, CA
- City of Alameda, CA
- City of Banning, CA
- City of Bremerton, WA
- City of Capitola, CA
- City of Chico, CA
- City of Fort Collins, CO
- City of Fountain, CO
- City of Healdsburg, CA
- City of Redding, CA
- City of Spokane, WA
- Clark PUD, WA
- Colorado Springs Utilities, CO
- Colton Electric Utility, CA
- First National Bank, CO
- Idaho Power Company, Boise, ID
- Imperial Valley Urban Forest (El Centro, CA)
- Montana-Dakota Utilities, MT, SD, ND, WY
- Pacific Gas & Electric, CA
- Puget Sound Energy, WA
- Sacramento Municipal Utility District, CA
- Sacramento Tree Foundation, CA
- San Diego Gas & Electric, CA
- Seattle City Light, WA
- State Farm, Boulder, CO
- Summit Utilities, CO
- Town of Erie, CO
- Tree Fresno, CA
- Xcel Energy, Aurora, CO

SOUTHWEST

- Centerpoint Energy, Houston, TX
- City of Las Cruces, NM
- City of Leon Valley, TX
- City of Plano, TX
- City of Reno, NV
- Edmond Electric, Edmond, OK
- Galveston Island Tree Conservancy, TX
- Just Energy, Dallas, TX
- Oncor Electric Delivery, Dallas, TX

- Pedernales Electric Cooperative, TX
- PNM Resources, Albuquerque, NM
- Providence Group Realty, Plano, TX
- Salt River Project, AZ
- Texas Forest Service
- Verizon, TX

MIDWEST

- Bridging the Gap, Kansas City, MO
- City of Piqua, OH
- City of Rochester Hills, MI
- Cleveland Clinic, OH
- Cleveland Tree Coalition, OH
- ComEd, Chicago, IL
- Duke Energy, IN, OH, KY
- East Central Energy, Braham, MN
- Liberty Utilities, Joplin, MO
- Highland Community Foundation, IN
- Holland BPW, MI
- KCP&L, Kansas City, MO
- Missouri Department of Conservation
- Nebraska City Utilities, NE
- NIPSCO, Gary, IN
- Oklahoma Electric Cooperative, OK
- Oklahoma Gas & Electric (OG&E), OK
- Omaha Public Power District, NE
- Taking Root, OH
- The Davey Tree Expert Company, IL
- Tipmont Electric Cooperative, IN

NORTHEAST

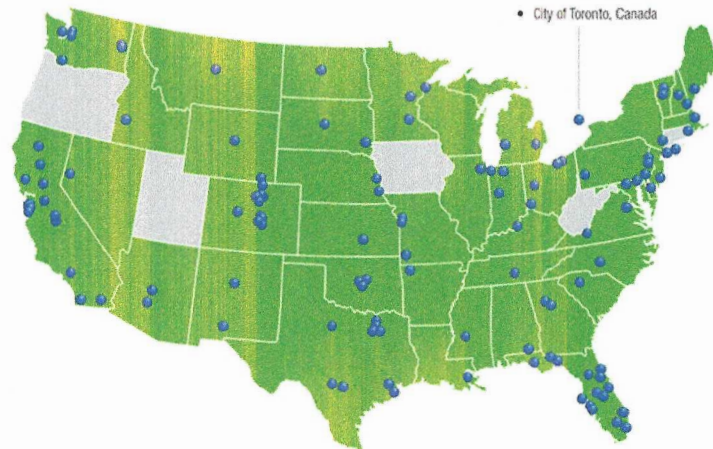
- Atlantic City Electric, NJ
- Baltimore Gas & Electric, MD
- Delmarva Power, Wilmington, DE
- Duquesne Light Company, Pittsburgh, PA
- Greenlight Energy Inc, Astoria, NY
- Liberty Utilities, NH
- New York ReLeaf, NY
- Peco Energy, Philadelphia, PA
- Pepco, Washington DC
- PSEG Long Island, NY
- RI Dept of Environmental Mgmt, RI
- Speak For The Trees, Boston, MA
- State of Delaware Forestry, DE
- State of Vermont, VT
- Town of Pound Ridge, NY
- Until, Hampton, NH
- Upper Makefield Township, PA
- Vermont Electric Cooperative, VT

PROGRAM PARTNERS



INTERNATIONAL

- City of Toronto, Canada



SOUTHEAST

- Berkeley Electric Cooperative, SC
- City of Bradenton, FL
- City of Boca Raton, FL
- City of Concord, NC
- City of Lynn Haven, FL
- City of Orlando, FL
- City of Radford, VA
- City of Sanford, FL
- City of Sarasota, FL
- Duke Energy, NC, SC, FL
- Entergy Corp., AR, LA, MS, TX
- Florida Forest Service, FL
- Florida Keys Electric Cooperative, FL
- Florida Power and Light, Fort Lauderdale, FL
- Georgia Power, Atlanta, GA
- JM Family Enterprises, FL
- Lakeland Electric, FL
- Ocala Utility Services, FL
- Pinellas County, FL
- Rappahannock Electric Coop, Fredericksburg, VA
- Snapping Shoals EMC, Covington, GA
- Talquin Electric Cooperative, FL
- TreesLouisville, KY
- Trees Upstate, SC
- Tullahoma Utilities Authority, TN
- Utilities Commission, New Smyrna Beach, FL
- Wiregrass Electric Cooperative, Hartford, AL
- Verizon, FL



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The Value that this Program Provides to our City

Our energy savings tree program directly contributes to the City's Press Play Strategic Plan by advancing our canopy coverage goal and accelerating progress toward achieving net-zero greenhouse gas emissions. By strategically planting trees for energy efficiency, we not only enhance our urban forest but also reduce energy consumption for heating and cooling, thereby lowering energy cost and carbon emissions. This initiative embodies our commitment to sustainable development, fostering a greener, more resilient community in line with our long-term environmental objectives.



Program Components

Check your Eligibility

You must be a City of Fort Lauderdale resident.

Choose your Tree

Select from any one of these options:

- Bald Cypress
- Live Oak
- Sweetbay Magnolia
- Dahoon Holly
- Crape Myrtle
- Muskogee

Submit your Request

We partner with arborday.org for online requests. The submission tool will help you outline your property lines, determine where to avoid power lines and place your tree to maximize shade and energy savings.

Receive Your Tree

Your tree should arrive four to eight weeks after ordering.

If you have not received your tree in that time, please contact Arbor Day directly for a status update at info@arborday.org or 855.234.3801

Plant and Care for the Tree

Learn how to care for your tree once it arrives on your doorstep.

Program Timeline



Green Your Routine Points System

All Associations will receive 1 point for every 10 trees planted within their associations' boundary. All trees must be planted at the address used during registration.

The top **3 Associations** with the most trees ordered and properly planted will receive additional incentives based on the system below:

1st Place: \$250

2nd Place: \$175

3rd Place: \$125


*There will be no half points provided.

Proof of Purchase Required:

- Screenshot of order confirmation
- Photo of placing your tree in its new home

How to get Involved



 **ENERGY-SAVING
TREES**
An Arbor Day Foundation Program

Show us your trees!



Twitter

Tag the City's social media on
your posts!



Facebook

Make sure to tag the Arbor Day
Foundation in your posts!



Instagram

Tag the City's social media on
your posts!



@arborday



@arbordayfoundation



@arborday



@Arbor Day Foundation



Best Point of Contact

Arbor Day Foundation

Email Address

info@arborday.org

Phone Number

855-234-3801

Green Your Routine Point of Contact

Your Green Your Routine Coordinator

Email Address

gyr@fortlauderdale.gov

Phone Number

954-828-5306

City Point of Contact

Laura Tooley, City of Fort Lauderdale

Urban Forestry Supervisor

Email Address

ltooley@fortlauderdale.gov

Phone Number

954-828-5785

