



CLEARWATER
SUSTAINABILITY & RESILIENCY

Sustainability Division Update

Environmental Advisory Board

Nov. 20, 2024
City Council Chambers



Sustainability Action Plan

Greenprint 2.0



“Meet the needs of the present without compromising the ability of future generations to meet their own needs.”

- ❖ 2011 Greenprint
- ❖ 2021 Greenprint 2.0
- 8 Core Topics
- Reduce the city’s GHG emissions 25% below 2007 levels by 2035 and;
- Reduce the city’s GHG emissions 80% below 2007 emission levels by 2050.
- ❖ Greenprint 3.0 → 2025

MyClearwater.com/Sustainability



Education & Awareness

- 17 events
- Our Greenprint Newsletter
- 4 Education campaigns
- VA



City of Clearwater Government
July 1 · 🌐

The city of Clearwater is dedicated to sustainability. Join us in the Plastic Free July challenge where participants seek to reduce single-use plastics.

Learn more: <https://www.plasticfreejuly.org/.../small-steps-big-.../>

City of Clearwater Government
August 9 · 🌐

Back-to-school season is upon us. 🎒 Check out these tips for a more eco-friendly back-to-school season:

- 🔄 Reuse backpacks from a previous year
- 🔄 Swap out plastic cutlery for reusable silverware
- 🔄 Swap plastic bags for reusable totes
- 🔄 Donate gently used clothing to second-hand stores... See more

Back-to-School Sustainability Swaps

 Disposable Bags	 Reusable Lunch Box
 Plastic Cutlery	 Reusable Cutlery
 Juice Box	 Reusable Bottle

 KEEP AMERICA BEAUTIFUL

CHOOSE TO REFUSE
SINGLE-USE PLASTIC
PLASTICFREEJULY.ORG

Small steps, big difference.



PLASTIC FREE JULY

2024

Join millions of people worldwide choosing to refuse single-use plastic.
PlasticFreeJuly.org

MyClearwater.com/Sustainability



Energy Program Success

<p>26 Months into Energy Program</p>	<p>\$1,827,817 Cumulative Cost Avoidance</p>
<p>10% Reduction in Energy Use (EUI)</p>	<p>\$723,076 Savings After Program Cost</p>

Green Energy & Building



- Cenergistic
- City Hall LEED
- Solar on City Facilities
- Duke Energy's Clean Energy Connection Program → 10,534 RECs
- Solar co-op



City of Clearwater Government
June 21, 2018

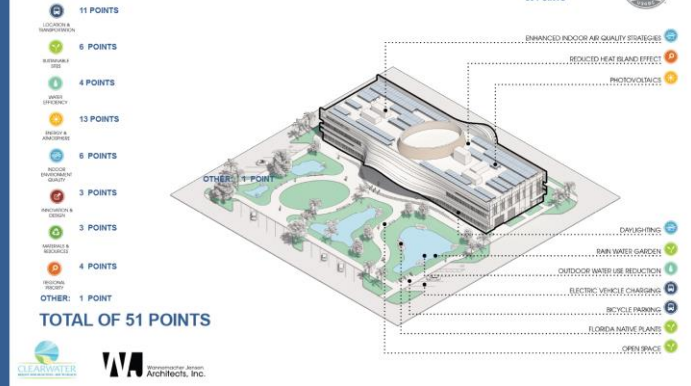
The deadline to join the Pinellas solar co-op is July 1. Clearwater is teaming up with Solar United Neighbors to educate and assist residents, businesses, and nonprofits in adopting solar energy through the Pinellas Solar Co-Op.

Find out more: <http://SolarUnitedNeighbors.org/Pinellas>

QUARTERLY CITY LEADERSHIP UPDATE

SUSTAINABILITY

GOAL: SILVER
50 POINTS





Transportation



- City's first EVs
- New EV chargers
- Driving on Sunshine
- Attempt at new code for EV – pre-emption
- Energy Futures Grant



[MyClearwater.com/Sustainability](https://www.MyClearwater.com/Sustainability)





Livability

- Brownfield program
- Tree giveaway
- Sea turtle nesting season awareness
- Affordable housing – Prospect Towers & Clearwater Gardens
- Vulnerability Assessment?





Water Conservation Kit

By the Numbers

19

*schools
participated*

34

*teachers
participated*

1,029

*students
participated*

Water Conservation



- Cenergistic – Irrigation
- Rain Garden @ Fire Station
- Public Utilities educational program
- Only Rain Down the Drain mural program



Being a coastal city, the city of Clearwater recognizes the importance of taking care of our environment and waterways. Clearwater is taking active steps in moving toward sustainable event planning to help ensure a healthy coastal environment, in which Clearwater residents and visitors can thrive.

Ways you can start include:

- Supporting local businesses
- Ditching single-use plastics
- Finding alternatives that are compostable
- Skipping balloons and confetti
- Making recycling and composting available at your event
- Encouraging carpooling and other multi-modal transportation to your event to lower the event's carbon footprint

Hosting a sustainable event will make the experience more pleasant with less waste, and it will stand out and attract more visitors.

The city of Clearwater offers best practice guidelines and recommendations to encourage event planners to join us in hosting a responsible event committed to making a difference. Visit [MyClearwater.com/SustainableEvent](https://www.myclearwater.com/SustainableEvent) for the full guide.

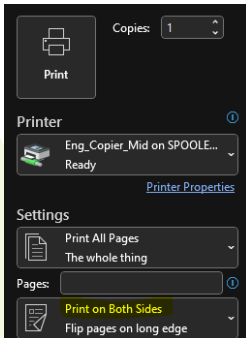
Waste Reduction



- Sustainable Event Kits
- Compost Bin Giveaway Day
- Adding language to event permit
- Double-sided default



[MyClearwater.com/Sustainability](https://www.myclearwater.com/Sustainability)



Local Food



- Food Waste Prevention Week campaign

A graphic titled "A SUSTAINABILITY TIP" with a pink and purple floral background. On the left, a cartoon broccoli character with arms and legs stands on a green base. Below it, the text "FOOD WASTE IS NO JOKE" is written in bold, with "NO JOKE" in a larger, red font. At the bottom of this section, it says "with the Food Waste Prevention Week 2024". On the right, there is a text box with a white background and a black border containing the following text:

This April, let's make a commitment that's no joke! During Food Waste Prevention Week 2024, be a Food Waste Hero and save the day, one meal at a time. Don't be fooled by waste—join the mission to rescue delicious meals and be the hero our planet needs.

How many times have you bought food at the grocery store because you thought you were out of something...only to find it RIGHT after you get home?! Create an "Eat This Now" section of your

refrigerator and pantry!

- Store things together that need to be used up.
- Tape off "Eat This Now" sections of your fridge or pantry with a fun washi tape, or just designate a certain shelf or area.
- Mark containers or items that need to be used with tape, stickers, or a marker.

Don't let good food go bad...alone and uneaten. Be the hero your food deserves!

April 1-7 is Food Waste Prevention Week. For more tips on how to reduce food waste, sign up for this week's webinars.



Green Economy



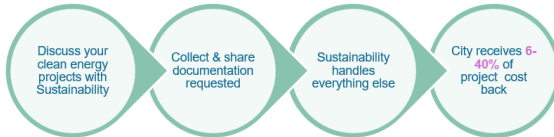
- Elective Pay → Green fund

"What is Elective Pay?"

Non-competitive federal funding for local governments for clean energy projects

\$ MONEY BACK \$

from... solar panels  EV chargers  EVs  and more!



2023 clean energy project expenses:
\$360,905.73



Funds anticipated from Elective Pay:
\$99,226.71



Sustainability & Resiliency Newsletter: *Our Greenprint*

- Quarterly
- What Lies Ahead
- What We've Done
- A Sustainability Tip
- Municipal Energy Savings Program Update
- Upcoming Events

Sign up here:





Questions



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