

## Coconut Creek Environmental Advisory Board, Tuesday, Jan. 21, 2020

Homeowners Initiatives:

<https://www.sun-sentinel.com/community/sawgrass-sun/fl-cn-plantation-broward-solar-co-op-20190904-20190829-udeam23s4nhfhngs3r4fav2gty-story.html>

<https://climatepledge.global/>

City Initiatives:

<https://www.facebook.com/carbonneutralcitiesalliance/>

[https://www.c40.org/why\\_cities](https://www.c40.org/why_cities)

<https://unfccc.int/news/helping-citizens-transition-to-low-carbon-i-can-network-launched-in-new-york>

[http://www.slcdocs.com/slcgreen/Climate%20Positive%202040%20\(web\)\\_compressed.pdf](http://www.slcdocs.com/slcgreen/Climate%20Positive%202040%20(web)_compressed.pdf)

Company Initiatives:

<https://www.c2es.org/2019/09/how-companies-take-action-to-reduce-carbon-emissions/>

<https://www.forbes.com/sites/blakemorgan/2019/08/26/101-companies-committed-to-reducing-their-carbon-footprint/#2d1e9260ba98>

### **Green Initiatives (from the City of Coconut Creek Fiscal Year 2020 Comprehensive Annual Budget):**

Coconut Creek has been an environmental leader in Broward County for the last decade through various programs, certifications, and achievements. Beginning in 2009, the City's Green Plan is updated annually and establishes a framework for achieving environmental leadership. The plan addresses both community-wide programs and government operations. By implementing the action steps contained in the Plan, the City provides long-term benefits to the health and well-being of the community, which results in cost savings based on a diminished demand for resources.

Key sustainable projects in the City include the addition of a solar canopy located at the Recreation Complex through a partnership with Florida Power & Light (FPL) and solar panels on the new roof currently under construction at the City Hall. The City also has a growing fleet of hybrid vehicles with two recently purchased for a total of ten.

The City continues to be an active member of the Southeast Florida Regional Climate Compact with staff and elected officials attending workshops and summits regularly. The Compact is a regional compilation of educators, businesses, and government entities with the goal of identifying climate issues, mitigation responses, and resiliency efforts. Coconut Creek is dedicated to playing an active role in the regional response to climate change. City staff also participates in the Florida Sustainability Directors Network. This affiliation allows a collaboration of sustainable activities in cities and counties throughout the state and participation in current, vital conversations relating to climate change with the state legislature. This collaboration provides a "strength in numbers" opportunity not afforded by standing alone on the issues.

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The City achieved Gold Certification through the Florida Green Building Coalition and certification in the Sustainable Communities Program through Audubon International. We are a Certified Wildlife Community through the National Wildlife Federation and remain a Tree City USA community as designated by the Arbor Day Foundation.

## Thoughts:

Can there be a tour of the solar arrays being installed on the roof of City Hall tied into the Arbor Day initiatives?

Have on hand (at the Arbor Day celebration):

1. water conservation (<https://conservationpays.com/>) experts (I think you already do) and
2. solar coop (<https://www.solarunitedneighbors.org/co-ops/florida/broward-county-solar-co-op/>) that can assist homeowners with solar installation questions.
3. solar hot water experts demonstrating systems and potential savings for residences and businesses.

## Questions:

What is the expected ROI on the solar arrays being installed on the roof of City Hall?  
When is the 2018 Green Plan available on-line?

### Category 3: Energy Conservation

### Energy

Energy Efficiency – Renewable Energy – Conservation

#### Junior Achievement Solar Photovoltaic System

The Junior Achievement World Huizenga Center at Broward College North Campus in Coconut Creek has a solar photovoltaic system on the building rooftop. The system was installed in 2010 and is a 175 kW system achieving results ahead of scheduled.



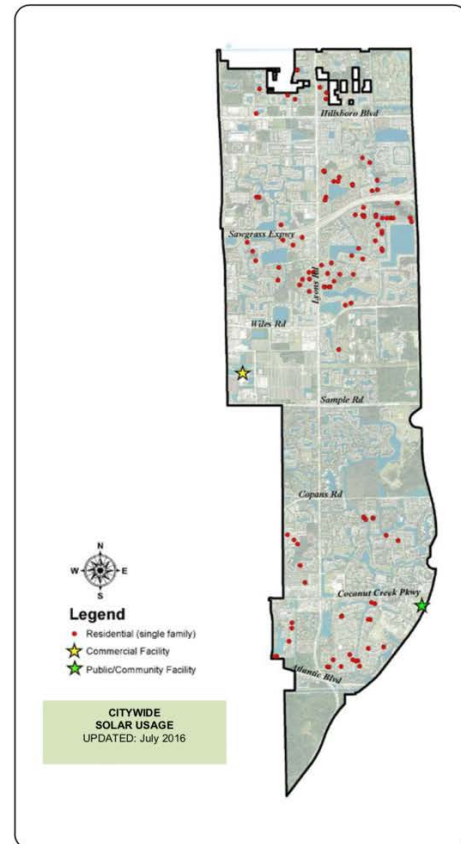
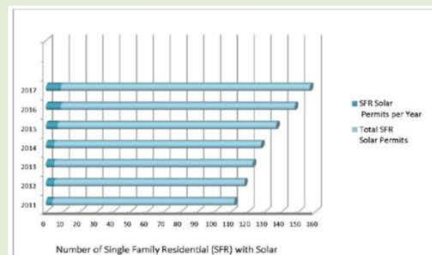
#### Quick Numbers

Below are quick reference numbers in relation to this category.

- # of actions for Category 3 → 5
- # of actions in progress → 3
- # of single family units with solar → 148

#### Residential Solar Use

Below is a graphic depicting the total single family homes with solar use and the numbers of permits issued for solar use since 2009.



Map available in larger print