

# Miami-Dade and FPL are building a cleaner future for the County

Following approval in April 2018, Miami-Dade County and Florida Power & Light Company have worked together to implement two Joint Participation Agreements that are changing the future of energy and water in South Florida. Specifically, FPL has planned or developed more than 50 solar and battery projects in the County since 2018, and is developing a large reclaimed water project that will be presented to the Board of County Commissioners for approval.



Miami-Dade County Mayor Carlos Gimenez (r.) and FPL President & CEO Eric Silagy inaugurated the County's first large-scale solar plant in 2019.

## Next up: Water Recovery and Reuse

Water is a resource that can't be easily replaced. For years, FPL and Miami-Dade have been working together to develop a project that will mutually benefit our customers and the environment.

As directed by the Mayor and the Board of County Commissioners in April 2018, FPL and Miami-Dade County engineers have developed an innovative project to reuse up to 15 million gallons of treated wastewater every day. In a unique collaboration, FPL will receive treated wastewater from Miami-Dade Water & Sewer, further treat the water to remove nutrients and then use the water at its low-emission natural gas plant at Turkey Point. This is part of a plan to help Miami-Dade County meet the requirements of the Ocean Outfall Legislation, ending wastewater discharges to the ocean. The project will recover water for reuse while allowing FPL to drought-proof the Cooling Canal System at Turkey Point. FPL and County staff will continue developing the project in 2020 while seeking the support of local leaders.

Initiatives	Benefits
<b>Clean Water Recovery Facility</b>	<ul style="list-style-type: none"> <li>» Saves water and sewer customers money on the 2025 reclaimed water target</li> <li>» State's 4th largest reclaimed water plant</li> <li>» Supports power generation at the highly efficient natural gas plant, that runs on American-produced natural gas</li> <li>» Helps drought-proof Cooling Canal System</li> </ul>
<b>Large Solar Projects</b>	<ul style="list-style-type: none"> <li>» Helps the county meet its sustainability goals with solar power generation</li> <li>» Inaugurated the County's first large-scale solar facility in Feb. 2019</li> <li>» Installed 27 solar trees and canopies, another 27 in construction or planning</li> </ul>
<b>Floating Solar</b>	<ul style="list-style-type: none"> <li>» Implements an innovative solar project on a County lake adjacent to Miami International Airport</li> </ul>
<b>Battery Storage</b>	<ul style="list-style-type: none"> <li>» Increases reliability and reduces costs using leading edge technology</li> <li>» Wynwood battery in place</li> </ul>
<b>Electric Vehicle Charging Stations</b>	<ul style="list-style-type: none"> <li>» Installs EV chargers at County facilities to encourage adoption of electric vehicles</li> </ul>
<b>Generator Management</b>	<ul style="list-style-type: none"> <li>» Plans for FPL and the County to lease and maintain generators at County facilities to increase reliability and reduce costs</li> </ul>
<b>Emissions-free Generation</b>	<ul style="list-style-type: none"> <li>» Helps enable Turkey Point to continue powering the community with emissions-free nuclear power around the clock while keeping bills low</li> </ul>