

Innovative battery storage solutions to deliver benefits now and in the future

The City of Miami is a vibrant economic hub and development in its urban core is among the fastest in the nation. The FPL Wynwood Energy Project will expand Florida Power & Light Company's use of cutting-edge battery technologies to enhance power reliability for thousands of customers in and around the Wynwood neighborhood today, as well as support the area's continued growth.

At FPL, we are always planning for the future to successfully address the energy needs of the communities we serve. Planning is underway for an energy project in the Wynwood neighborhood that will help FPL better understand how battery storage will could in transform the way high density areas are powered.

The FPL Wynwood Energy Project is designed to:



Store power from the grid when customer demand for electricity is low; return power to the grid during peak times for electricity – when customers need it most



Work with FPL's smart grid technology to help reduce and prevent power outages



Discharge up to 10 megawatts of energy for up to four hours (10 megawatt/40-megawatt hour battery system).



FPL aims to develop an electric infrastructure project that complements the distinctive Wynwood neighborhood.
Photo of Wynwood Walls courtesy of Goldman Properties

FPL is proud to work with the communities we serve. A local architect is designing the structure that will be built on a vacant lot adjacent to the FPL substation off NW 23rd Street between NW 1st Court and NW 1st Avenue. A wall will be constructed to surround the entire perimeter of the project. A well-known curator will be consulted to select artists for the walls' murals.

Advancing affordable clean energy in Miami-Dade County

The FPL Wynwood Energy Project is one of many local initiatives that will help ensure a sustainable future for the community. FPL plans to install more than one million solar panels across Miami-Dade County in the coming years. Construction is now underway on the FPL Miami-Dade Solar Energy Center, a major solar power plant that will begin to serve customers in 2019, as well as dozens of smaller solar arrays at parks throughout the City of Miami. Today, FPL operates several solar installations in Miami-Dade, including a solar array that doubles as a research facility at FIU's College of Engineering and Computing.