

Overview of FPL's Solar Portfolio and the Benefits It Provides

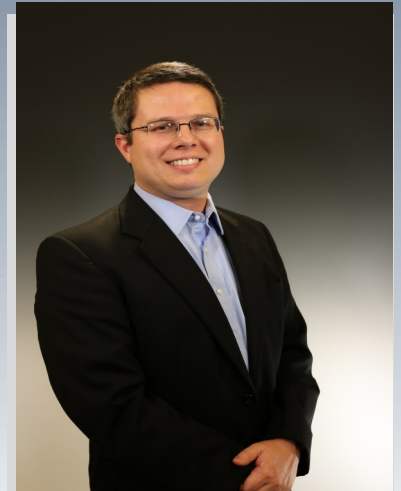
Matthew Silver

Director Development
Florida Power & Light Company

April, 4th, 2024

12:30 pm—1:45 pm

ECE 3930



Abstract: FPL's solar energy expansion, the largest in the U.S., plans to achieve Real Zero with a diverse mix of solar, batteries, existing nuclear, green hydrogen, and other renewable sources. And, as FPL works toward Real Zero, FPL intends to keep customer bills well below the national average just as they've been for

more than a decade. Today, FPL is the largest generator of solar energy in Florida with dozens of solar energy centers in operation from coast to coast as well as additional solar installations across the state. FPL solar energy centers generate clean energy for homes and businesses across Florida. Each 74.5 megawatt (MW) solar energy center can produce enough zero-emissions energy to power approximately 15,000 homes per year while eliminating emissions equivalent to taking 14,000 cars off the road each year. For more than a decade, FPL has been leading the smart, cost-conscious expansion of solar energy in Florida, and now, we are rapidly adding even more solar as part of our Real Zero goal to eliminate our carbon emissions from our power plant fleet in Florida, allowing everyone to play a part in creating a cleaner, more sustainable environment for future generations.



carbon emissions from our power plant fleet in Florida, allowing everyone to play a part in creating a cleaner, more sustainable environment for future generations.

Biography: Matt Silver is a Director of solar and battery storage development for FPL in South Florida, the Treasure Coast, and south-central Florida. He is a graduate of the University of South Florida where he majored in Industrial Engineering with a Masters degree in Engineering Management. Matt began his career at FPL in 2007 as an Distribution Power engineer in the Southwest Florida Area. From 2012 to 2017, Matt managed a team of engineers responsible for the operation and maintenance of all FPL's solar PV sites in Florida. In 2017, he joined the solar development team where he had led development of over 1 GW of solar and over 400 MWs of battery storage. Throughout his career, Matt has volunteered with multiple organizations in the community and is active member of Treasure Coast Community Church. Matt is married to Amy, and the couple have three children in Port St. Lucie. He and Amy enjoy hiking and spending time with their family at the beach .

Join Zoom Meeting: <https://fiu.zoom.us/j/84875262956?pwd=UVMYVHNTSzMVYelhZUMdiR2RuYVExZz09>

Meeting ID: 848 7526 2956

Passcode: ECE3900