

Review of Electric Utility Hurricane Preparedness and Restoration Actions

Docket No : 20170215-EU

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Electric Utility Provider : EI801 - Duke Energy

Zip Code : 32714

Category : Power restoration time

Comments : Putting all electrical transmission underground is probably the best defense against hurricane disruption. Distributing electrical generation sites around the state would also be beneficial. Rather than have just a few large generators, many generation sites would keep electricity flowing. Transmission lines would be less dependent on a single source.

FPL has already begun building smaller solar generation stations around the state and I believe some of them will have battery storage capability. This could be an example to follow. I have read that solar systems on rooftops can withstand hurricane force winds. Commercial buildings and individual residences with solar and battery storage could continue operating and provide excess electricity to nearby neighborhoods. Solar energy systems would not be subjected to supply disruptions that might affect natural gas and coal plants.