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2021 Annual Conference & Trade Show

FLORIDA POWER & LIGHT COMPANY

Hard Rock Stadium

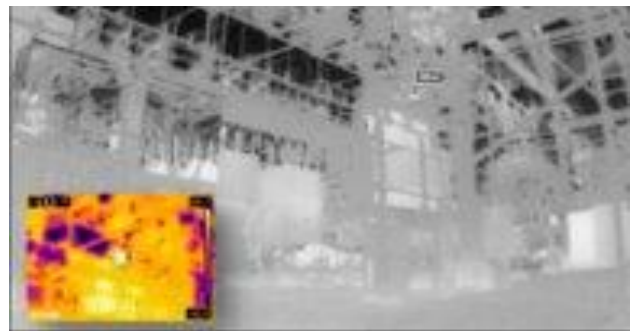
North Dade Operations

Florida Power & Light Company (FPL) is proud to deliver better than 99.98 percent service reliability to our customers and we continue working to improve our performance even further. FPL's recent project with Hard Rock Stadium in Miami, Florida, demonstrates our continued commitment to improving service reliability to all customers.

Hard Rock Stadium is home to the Miami Dolphins, the University of Miami Hurricanes, Miami Open Tennis Tournament and the Orange Bowl game, as well as major concerts, international soccer games and automobile events. Power outages during major events disrupt both in-person attendees as well as television viewers, resulting in undesirable media attention and leading to long-lasting negative perceptions of the venue and FPL.



In early 2017, FPL learned that Super Bowl LIV would be hosted in Miami and the main event would be played at Hard Rock Stadium on February 2, 2020. During this same time the Stadium was undergoing renovations and had a proposed expansion to build a new Miami Open Tennis courts at the complex. The addition of the new Tennis center and announcement of the coming Super Bowl offered FPL a great opportunity to re-evaluate the existing service and develop improvement plans to serve the complex. FPL had the next three years to plan and prepare for the event. The areas of planning and preparation of FPL's activities fell into the following key areas of focus:



- Serve additional loads from Super Bowl and new Tennis Center
- Mitigate single-point failure risks from the Transmission substation to customer
- Improve operations resiliency, switching capabilities and automation
- Enhance condition assessments capabilities for all facilities serving the complex
- Install state-of-the-art technology to provide situational awareness and security
- Develop sustainable processes before and during major events

FPL successfully coordinated its efforts around the Stadium's major renovation work, resulting in the following improvements:

- Installed high side breaker on transmission substations serving the Stadium.
- Hardened 100% of structures on Transmission line serving the venue.
- Created a dedicated substation power transformer with state-of-the-art condition assessment technology.
- Built two additional underground dedicated feeders for complex and community.
- Instituted a more robust condition assessment process, including partial discharge, live thermos-vision monitoring system with a 360-degree view.
- Installed new remote monitoring system tied to the FPL Diagnostic Center.
- Established a Mobile Command Center staging site at the Stadium for events.



FPL's innovation benefits the stadium complex as well as local community as these major events typically generate approximately \$1.3MM per event for the local economy.