



MEMORANDUM

AGENDA ITEM #IV.B

DATE: APRIL 20, 2026

TO: COUNCIL MEMBERS

FROM: STAFF

SUBJECT: FPL / PROPOSED ANDYTOWN-OASIS TRANSMISSION LINES PROJECT

Project Overview

The Andytown–Oasis Transmission Line Project, proposed by Florida Power & Light, is a regional electric transmission infrastructure project intended to enhance grid reliability and support projected electricity demand growth in South Florida. The project includes the construction of a new Oasis Substation and four new high-voltage transmission lines, consisting of two 500-kilovolt (kV) lines and two 230-kV lines that will connect the existing Andytown, Quarry, and Levee substations. The project is currently undergoing review through the state certification process under the Florida Transmission Line Siting Act, with a “Determination of Need” currently under consideration by the Florida Public Service Commission.

The proposed corridor extends approximately 30 miles between western Broward County and western Miami-Dade County. The northern terminus begins at the Andytown Substation near the City of Weston and proceeds south across the Broward–Miami-Dade County boundary through largely undeveloped areas located west of the Miami-Dade Urban Development Boundary (UDB) and east of Everglades conservation lands. The corridor generally follows or parallels existing utility infrastructure and transportation corridors, where feasible, to reduce potential environmental and land-use impacts.

Because the project crosses multiple local government jurisdictions and involves regionally significant energy infrastructure, it may be reviewed by the SFRPC for consistency with the Strategic Regional Policy Plan for South Florida (SRPP) related to infrastructure coordination, environmental protection, and growth management. State agency coordination is expected to include participation by the



Florida Department of Environmental Protection, South Florida Water Management District, and Florida Fish and Wildlife Conservation Commission as part of the consolidated certification process. Route alternatives and environmental constraints will be evaluated before a final corridor alignment is certified.

The figure below illustrates the preliminary preferred corridor for the Andytown–Oasis Transmission Line Project as identified by Florida Power & Light. The corridor extends from the existing Andytown Substation in western Broward County south into western Miami-Dade County, where the proposed Oasis Substation would be constructed. The figure shows the general north–south alignment of the corridor, the connection points to the existing Quarry and Levee substations, and the relationship of the project area to the Broward–Miami-Dade County boundary, major transportation facilities, and adjacent Everglades conservation lands.



Figure: Preliminary Transmission Corridor for the Andytown–Oasis Project

SFRPC Review

Multiple Strategic Regional Policy Plan (SRPP) policies relating to the protection of Natural Resources of Regional Significance (NRRS) are applicable to the proposed Andytown–Oasis Transmission Line Project. This project represents a regionally significant infrastructure investment which extends approximately 30 miles between Broward and Miami-Dade counties, and traverses largely undeveloped lands situated between the Miami-Dade UDB and the Everglades conservation areas. The relevant Natural Resources of Regional Significance include the Everglades ecosystem, associated wetlands, and wildlife habitats such as the Florida Panther Focus Areas, which are shown for reference below. The map also provides regional context for the proposed transmission facilities and identifies the jurisdictions through which the corridor would pass.

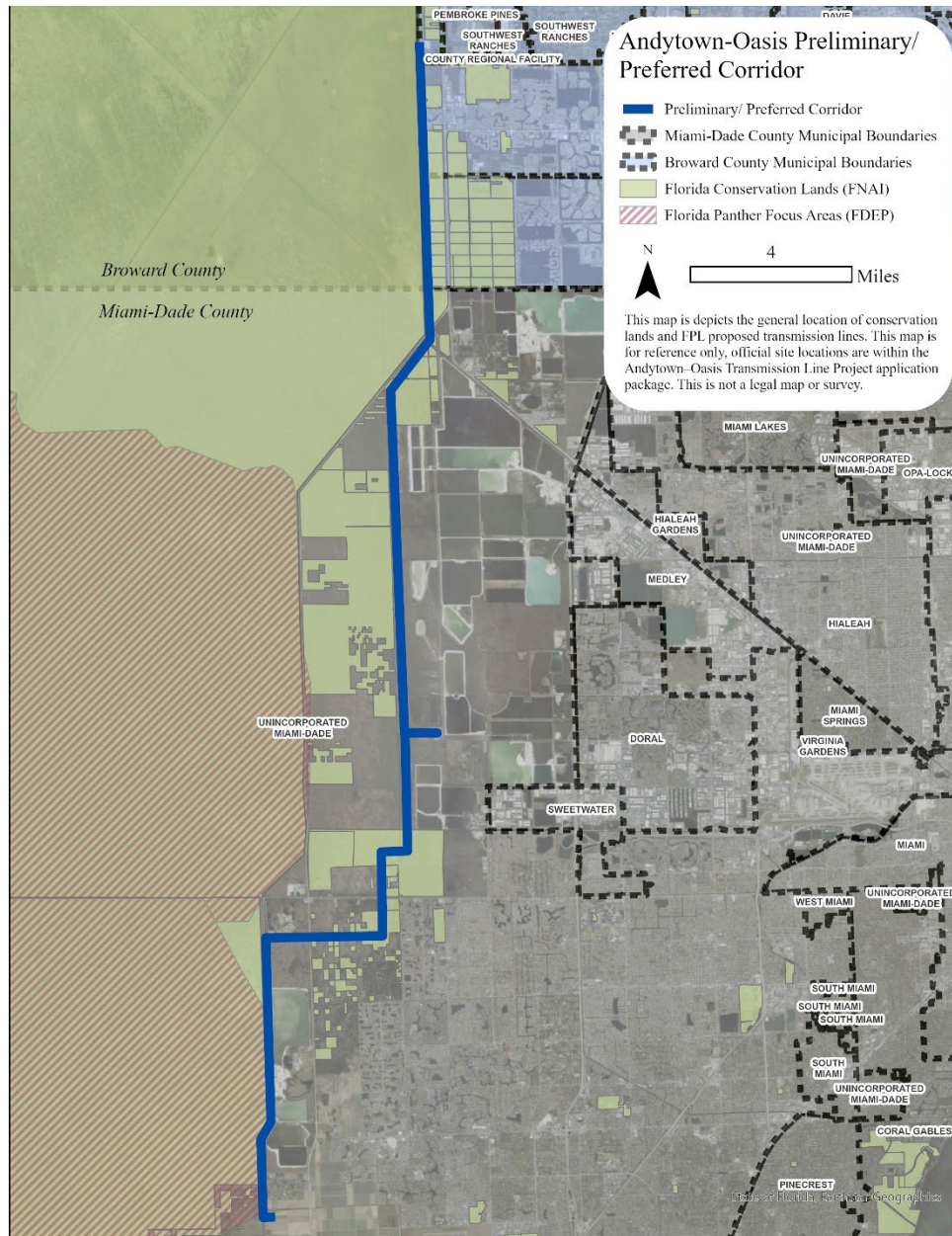


Figure: Preliminary Transmission Corridor for the Andytown–Oasis Project with Jurisdictions and Natural Resources of Regional Significance

SRPP Goal 14 – Natural Resources of Regional Significance

Preserve, protect, and restore Natural Resources of Regional Significance (NRRS), including wetlands, wildlife habitat, water resources, and ecological systems, to maintain regional environmental integrity and sustainability.

SRPP Goal 14 (Natural Resources of Regional Significance) is directly applicable, as the project corridor lies adjacent to and, in some segments, potentially influences sensitive ecological systems west of the Miami-Dade County Urban Development Boundary. Consistent with Goal 14, the project's preliminary siting approach, favoring alignment along or parallel to existing utility and transportation corridors, reflects a clear effort to avoid and minimize impacts to natural resources by reducing new disturbance footprints and limiting fragmentation of intact habitats. This approach aligns with SRPP policies that prioritize directing infrastructure away from high-value natural systems and maintaining protective buffers where feasible.

In addition, the Natural Resources Element policies emphasizing ecosystem preservation, restoration, and coordinated land management are relevant to the project's ongoing evaluation of route alternatives and environmental constraints. The requirement that environmental factors, including wetlands, wildlife habitat, and ecological communities, be assessed prior to final corridor certification is consistent with SRPP direction to ensure that development decisions incorporate "avoidance first, followed by minimization and mitigation" where impacts are unavoidable. Given the project's proximity to Everglades conservation lands, these policies underscore the importance of maintaining hydrologic integrity, habitat connectivity, and regional ecosystem function.

Summary

The Andytown–Oasis Transmission Line Project demonstrates general consistency with key SRPP policies through its corridor-based siting strategy, ongoing environmental evaluation process, and coordinated regional review framework. Continued adherence to SRPP principles, particularly avoidance of impacts to Natural Resources of Regional Significance, maintenance of ecological connectivity, and implementation of regionally meaningful mitigation, will be critical as the project advances toward final corridor certification.

Council staff will continue to monitor this proposal and coordinate with Broward and Miami-Dade counties, Florida Department of Environmental Protection, South Florida Water Management District, and Florida Fish and Wildlife Conservation Commission as this proposal moves forward.

Information only.