

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for determination of need for
DeLand West-Dona Vista Transmission Line
in Volusia and Lake Counties, by Duke
Energy Florida, LLC.

DOCKET NO. 20250078-EI

DATED: July 17, 2025

DUKE ENERGY FLORIDA, LLC'S NOTICE OF FILING PROPOSED STIPULATIONS

Duke Energy Florida, LLC ("DEF"), by and through its undersigned counsel, hereby submits the following proposed stipulations to the Florida Public Service Commission for approval. Commission approval of these stipulations will fully resolve all issues in this docket.

DEF and staff have proposed stipulations on the issues set out below.

ISSUE 1: Is there a need for Duke Energy Florida, LLC's proposed DeLand West - Dona Vista 230 kV transmission line, taking into account the need for electric system reliability and integrity, as prescribed in Section 403.537, Florida Statutes?

Yes. As evidenced in the record, DEF has demonstrated that if it does not add transmission capacity in the projected service area there are sufficient transmission risks that would result in power outages in the event of a double contingency event in Lake, Volusia, Seminole, and Orange Counties. While DEF has implemented an Under Voltage Load Shedding (UVLS) scheme to prevent a larger, more catastrophic collapse of the larger electric grid, the customers in the area would experience extended outages. If a double contingency event occurred today, the record indicates that an estimated 29,000 customers would experience extended power outages due to the UVLS activation. Over the next 10 years, DEF demonstrated that the Dona Vista areas' load will grow by an average of 25%, which would further exacerbate this issue.

The record further supports the necessity for this 230 kV transmission line based on its

ability to: (a) improve the reliability of service for DEF customers connected to the existing 230 kV circuits in Lake, Volusia, Seminole, and Orange Counties; (b) increase north-to-south power transfer capabilities, providing an additional transmission path and optimizing power flow distribution within Volusia and North Orlando areas; (c) mitigate potential overloads and address low voltage conditions during system contingencies; and (d) decrease the loading on existing transmission circuits. Therefore, DEF has demonstrated a need for the proposed DeLand West to Dona Vista 230 kV transmission line project, taking into account the need for electric system reliability and integrity.

ISSUE 2: Is there a need for Duke Energy Florida, LLC's proposed DeLand West -Dona Vista 230 kV transmission line, taking into account the need for abundant, low cost electrical energy to assure the economic well-being of the citizens of the State, as prescribed in Section 403.537, Florida Statutes?

Yes. DEF has demonstrated that the selected project is the most cost-effective and efficient alternative that provides improved reliability for customers served in DEF's service area. Therefore, the proposed DeLand West to Dona Vista 230 kV Transmission Line is needed, taking into account the need for abundant, low-cost electrical energy to assure the economic well-being of the residents of the state.

The approximate cost of the selected project, with its starting and ending points at DeLand West Substation and the Dona Vista Substation, respectively, has a projected in-service cost of \$165 million. As supported by the record, these starting and ending points would enable the new transmission line to stay primarily within the existing corridor, potentially reducing the need for new easements. DEF considered four alternative transmission projects which were subsequently rejected for various reasons such as costs or siting concerns.

ISSUE 3: Are Duke Energy Florida, LLC's DeLand West Substation in Volusia County and its Dona Vista Substation in Lake County the appropriate starting and ending points for the proposed DeLand West - Dona Vista 230 kV transmission line?

Yes. DEF has demonstrated that a new transmission line sited from DEF's existing DeLand West Substation in Volusia County to DEF's existing Dona Vista Substation in Lake County would be the most reliable, cost-effective means to serve the existing and projected load growth within the area. The record demonstrates that these starting and ending points would enable the new transmission line to stay primarily within the existing corridor, potentially reducing the need for new easements. Therefore, the appropriate starting and ending points are the DeLand West Substation and the Dona Vista Substation, respectively. The proposed transmission line's corridor would be approved under the Transmission Line Siting Act (TLSA), with final approval resting with the Transmission Line Siting Board or, if undisputed, the Florida Department of Environmental Protection (FDEP).

ISSUE 4: Should the Commission grant Duke Energy Florida, LLC's petition for determination of need for the proposed DeLand West - Dona Vista 230 kV transmission line project?

Yes. DEF has demonstrated that the DeLand West to Dona Vista 230 kV Transmission Line Project is needed taking into account the need for system reliability and integrity and the need for the delivery of abundant, low-cost electrical energy to retail customers. The appropriate starting and ending points of the line are the existing DeLand West Substation in Volusia County and the Dona Vista Substation in Lake County. The corridor within which the proposed 230 kV transmission line will be sited will be determined under the TLSA, with final approval resting

with the Transmission Line Siting Board or, if undisputed, the FDEP.

ISSUE 5: Should this docket be closed?

Yes. This docket should be closed after the time for filing an appeal has run.

DEF and staff further propose that the Comprehensive Exhibit List and all exhibits be included in the record. DEF respectfully requests that the Commission approve these proposed stipulations.

Respectfully submitted this 17th day of July, 2025.

/s/ Dianne M. Triplett

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CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing was furnished by Electronic Mail to the following on the 17th day of July, 2025:

/s/ Dianne M. Triplett
Attorney

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