

## Sumter Line

This approximately 58 mile, 500-kilovolt (kV) transmission line will run through Levy, Citrus, Marion and Sumter Counties. Through Levy and the northern part of Citrus County, the line will be co-located with three additional 500-kV lines in a common corridor for approximately nine miles. Forty-four miles of the proposed line will be adjacent to the existing 230-kV and 500-kV transmission lines in Citrus, Marion, and Sumter Counties. About five miles of the line in Sumter County will follow the Florida Turnpike.

- New rights of way will be needed for approximately nine miles between the proposed nuclear plant and a proposed new substation in Citrus County (approximately 4 miles will be on property owned by Progress Energy).
  - Rights of way may be up to 705 feet wide to accommodate the four 500-kV lines
  - Progress Energy is working with state conservation officials for the lines to cross Inglis Island
    - This path would minimize the lines' impacts on nearby homes
    - A small portion of the existing 69-kV line may be relocated
- In Citrus County, up to 20 feet of additional rights of way may be required adjacent to the existing transmission line corridor.
  - The existing 230-kV and 500-kV transmission lattice towers will remain.
  - New transmission poles\* will be collocated adjacent to the existing towers.
- In Marion and Sumter Counties, rights of way up to 155 feet wide may be required adjacent to the existing transmission line corridor.
  - The existing 230-kV and 500-kV transmission lattice towers will remain.
  - New transmission poles\* will be co-located adjacent to the existing towers.
- Along the Florida Turnpike in Sumter County, 220 feet of new rights of way will be required.
- Typical heights of the new 500-kV transmission structures would range from 120 to 175 feet. Pole heights may be taller when crossing roads and other electrical lines.

\*The new transmission poles will be single-pole or H-frame (two poles) design made of either galvanized steel (silver) or weathered steel (brown/rust-colored) finish.

Sample of Current View of Corridor



Simulation of New Poles in Corridor

