

# Advancing Clean Energy in Florida

## FPL Solar Stewardship Program



# FPL now operates 24 major solar power plants with **ten more** coming online in 2020

More than  
**30 MILLION**  
solar panels  
installed by  
**2030**

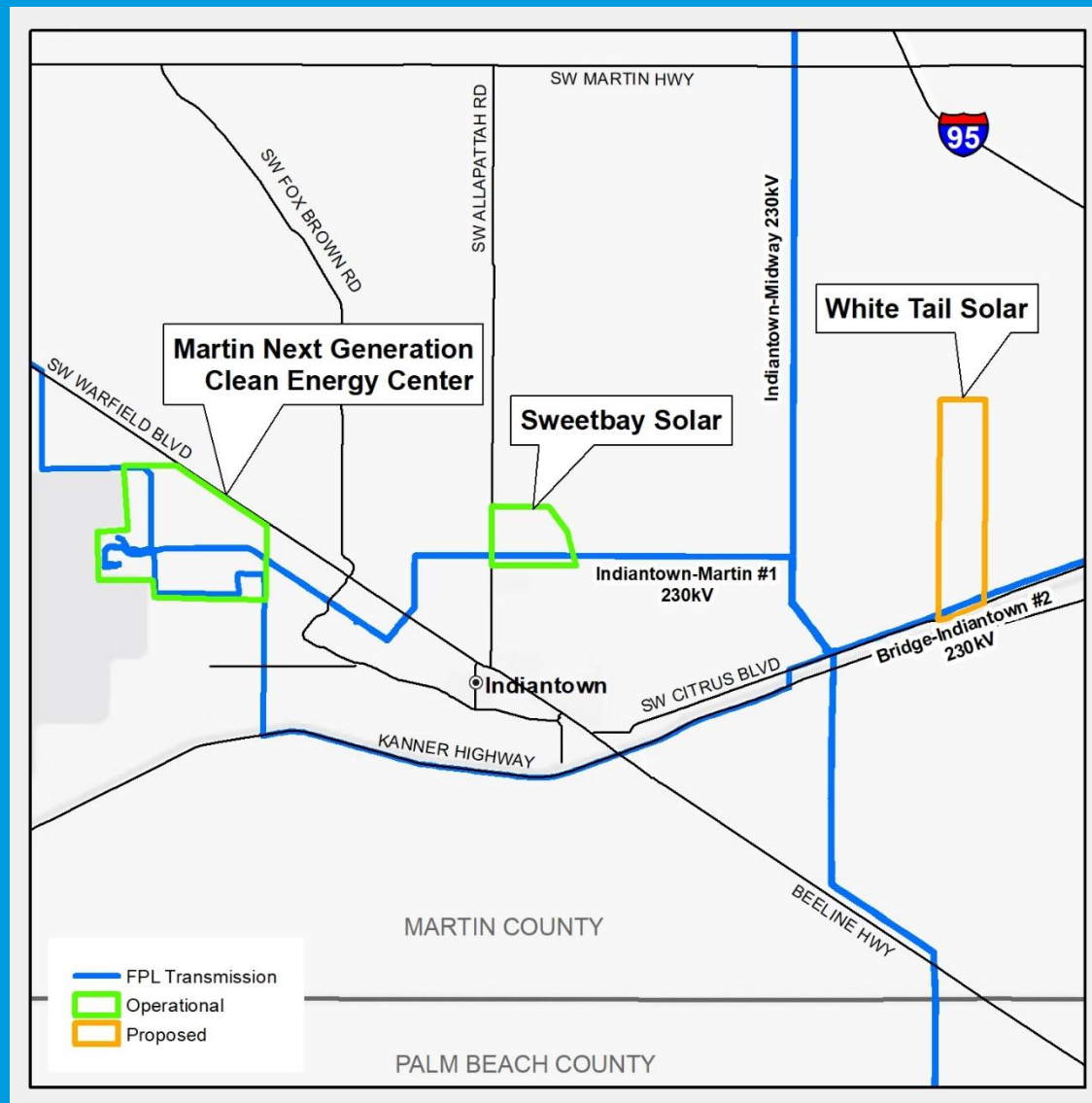


# FPL Sweetbay Solar Energy Center was placed into service in January 2020

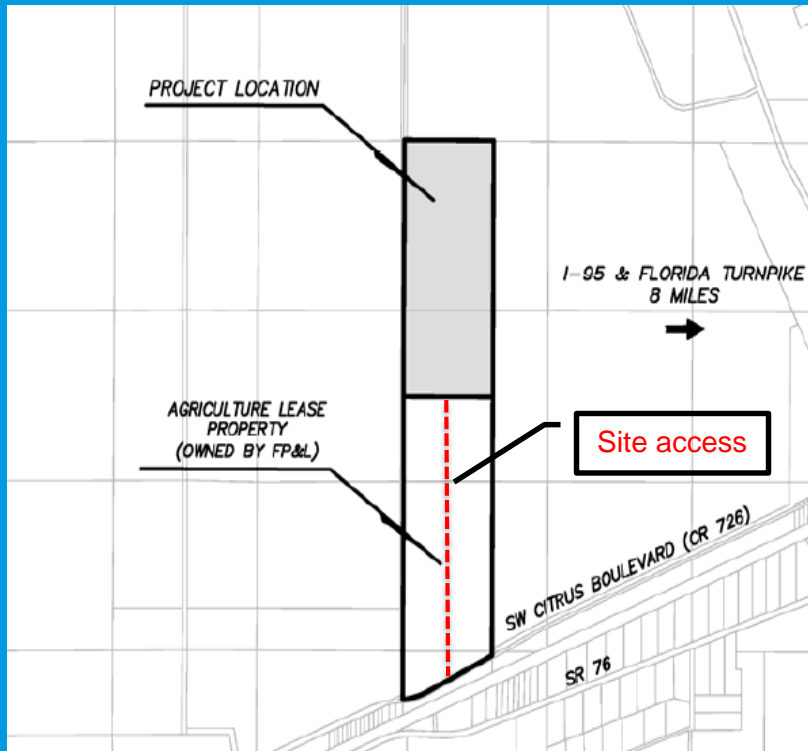


Actual images taken during construction

# FPL White Tail Solar is located off Citrus Blvd., 3 miles east of Indiantown



# White Tail Solar is proposed on the north half of a larger 1,261-acre tract owned by FPL



- Property has been actively farmed
- Surrounding use is farmland, Caulkins Water Farm and SFWMD C-44 STA; no adjacent residential uses



- Parent tract: 1,261 acres (FPL-owned)
- Proposed solar site: ~600 acres
- Site Access: Existing driveway from SW Citrus Blvd.

# Solar Stewardship Program

FPL forged an innovative partnership with Audubon Florida to enhance habitat value on our solar sites

- **Voluntary collaborative effort with conservation organizations**

- Audubon Florida, Florida Native Plant Society, Florida Wildflower Foundation, other local environmental groups

- **Program objectives include:**

- Wetland avoidance, preservation and enhancement
- Enhancing habitat for birds, pollinators and other wildlife
- Design considerations to accommodate species of concern



# Stewardship Implementation Since 2017

- Implemented stewardship plans at eight sites, with eight more completing or beginning implementation in 2020
- **Species specific habitat enhancement:**
  - Meadowlark
  - Fox squirrel
  - Gopher tortoise
  - Panther-friendly fencing
    - Creation of deer food plots
  - T-perches for snail kites and burrowing owls
  - Nest boxes for cavity birds



# Stewardship Approach

## Pragmatic approach to achieve sustainable outcomes

- **Evaluation of site specific conditions**
  - Existing features (e.g., wetlands, invasive species, soil disturbance)
  - Compatibility with surrounding land-use
  - What type of enhancement is possible and appropriate?
- **Supplemental planting of native species to increase diversity**
  - **Coexisting with non-native species**
    - Introduce aggressive natives that compete with invasive species
    - Incorporate pollinators into existing groundcover
- **Exploration of alternative restoration practices**
  - Passive restoration





