









Daytona Beach Shores

Ormond Beach



ake Worth

Village of Key Biscayne

Town of Palm Beach

Golden Beach Have other communities one th

Sunny Isles Beach

Pompano Beach

Hollywood Beach

Gulfstream

Things to Consider

Pros/Cons
Construction Impacts
Capital Cost
Funding and Financing

Pros and Cons

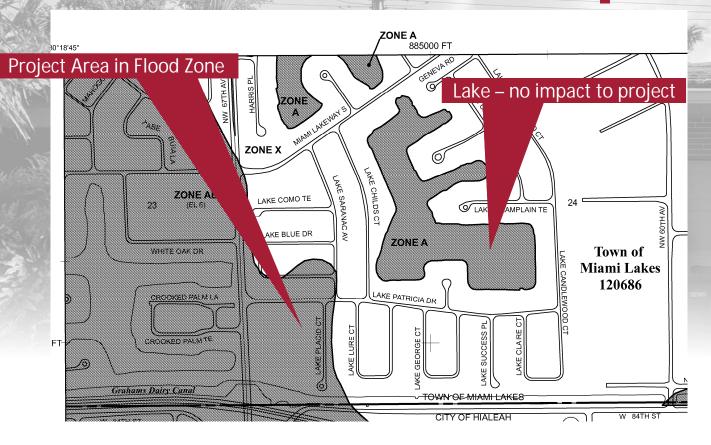
A recent FPL report showed that on average, over the course of a year:

- Overhead customers were without power for 108.1 minutes, compared to 19.4 minutes for underground customers (82% improvement).
- Overhead customers had 1.35 service interruptions, compared to 0.40 for underground customers (70% improvement).
- Outages lasted 80.0 minutes for overhead customers, compared to 48.7 for underground customers (39% improvement).
- To completely resolve an outage for all affected customers, it took 161 minutes for an overhead system, compared to 205 minutes for an underground system.

Pros and Cons

- Underground systems generally are more aesthetically pleasing.
- Animal and human contact with electrified parts is less common with underground systems.
- Underground systems are less susceptible to wind-related damage.
- Underground systems can be more susceptible to flood-related damage.
- Underground outages typically take longer to fully restore, but many customers can be brought back online before the repairs are complete because systems are looped.
- Like all construction projects, there will be impacts to the community when the system is being built.

Flood Map



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Overhead vs. Underground Design



Existing - Overhead Radial



Proposed - Underground Loop

Construction Phase



Directional Boring



Open Cut Trench

Construction Phase





Equipment Pad Installation

Wire Terminations

Construction Phase





Service Installation

Pavement Restoration/Pole Removal

Existing

Facilities

Approximately 6 miles of existing overhead lines

Number of properties: 465

Single Family: 464

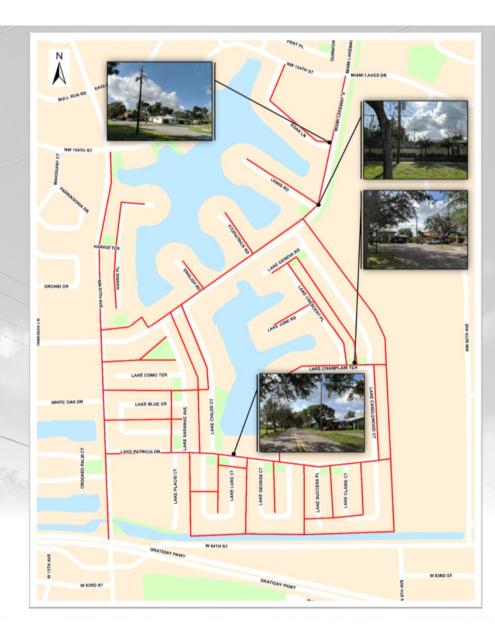
Homestead Exemption: 405

Taxable Value Minimum: \$142,727

Taxable Value Maximum: \$2,063,782

Taxable Value Sum: \$110,817,613

Approximate Linear Feet of Utilities: 25,200 ft



Anticipated Cost

Total Cost of Conversion: \$12 million to \$15 million





Kimley» Horn

Expect More. Experience Better.