



[www.Altamonte.org](http://www.Altamonte.org)

**WHERE  
INSPIRATION  
SPARKS  
INNOVATION**



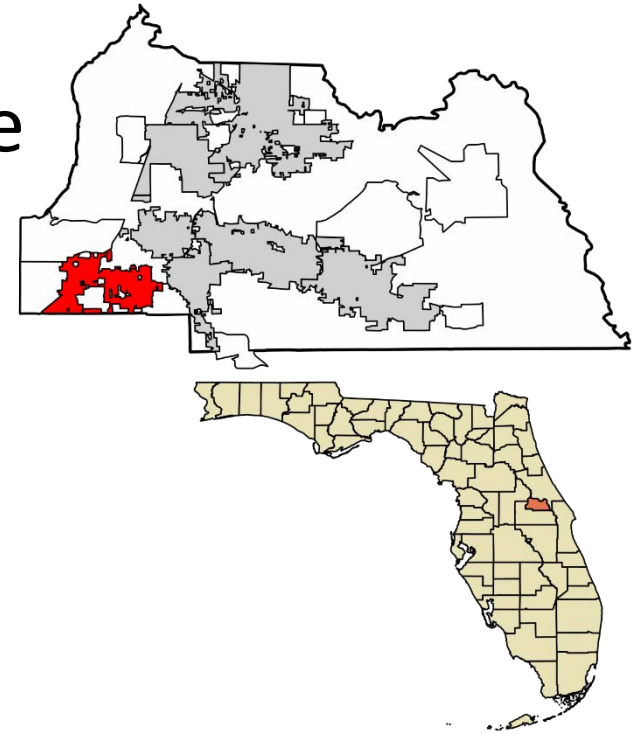
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# ALTAMONTE ELECTRIC UTILITY



# Who We Are

- Altamonte Springs is...
  - Midsized city just north of Orlando in Seminole County
  - Innovative – part of our organizational culture
  - Low Cost – millage unchanged for 6 years
  - Fiscally Strong – completely debt free
  - International Leader
  - State Partners – FDEP, FDOH, FDOT, SJRWMD
  - Federal Partners – HHS, NIH, CDC, FTA, FHWA
  - Educational Partner – SCPS, SSC
  - Private Sector Partner friendly



# Local Government's Macro Reality

- Facing Facts:
  - Revenue options under annual assault
  - Costs of services, programs, and delivery rising
  - Residents want more, not less



# Our “Why’s”

- Challenges:
  - Save taxpayers without cutting services
  - Leave our corner of the world better
  - Sustainable options only – not a “one and done”
  - Scalable, replicable concepts



# Municipal Soul Searching

- Opportunities:

- \$2 million in electric charges
- Tradition of environmental stewardship
- Tradition of fiscal conservatism
- Tradition of public/private partnerships
- Franchise agreement anticipates public and private activities
- Kids + STEM
- The Altamonte Way ~~im~~possible



# We Don't Like Inertia

- Timeline:
  - Explored using existing retention ponds in 2016
  - Altamonte Electric Utility created in 2017
  - Business case for floating solar in 2018
  - Partnership with AdventHealth to use their retention pond
  - Design commenced in 2019
  - Construction started in 2020
  - Operational in 2021



# 1 Megawatt Floating Solar Array



- 2,430 PV Panels
- Up to 80% of RWRW Power Needs
- \$2 million savings
- Largest in Florida
- Only 3<sup>rd</sup> 1 MW Floating Solar Array in US



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# Why the AEU?

- Proactive exploration of options and opportunities
- Provide electric to various City facilities and programs
- Franchise anticipated municipal
- Duke Energy, a long-time partner
- Part of Altamonte Springs Innovation & Collaborative

## Partnerships



*...coming soon...*  
**Altamonte Global Innovation Lab**





**THANK YOU!**

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