



FMIPA and FPUA Adding Value to Fort Pierce

Fort Pierce City Commission

Sept. 17, 2018

31 Municipals Are Members of FMPA

Mission: Low-Cost, Clean and Reliable Power

Alachua
Bartow
Blountstown
Bushnell
Chattahoochee
Clewiston
Fort Meade
Fort Pierce
Gainesville
Green Cove Springs
Town of Havana
Homestead
Jacksonville Beach
Key West

Kissimmee
Lake Worth
Lakeland
Leesburg
Moore Haven
Mount Dora
New Smyrna Beach
Newberry
Ocala
Orlando
Quincy
St. Cloud
Starke
Vero Beach

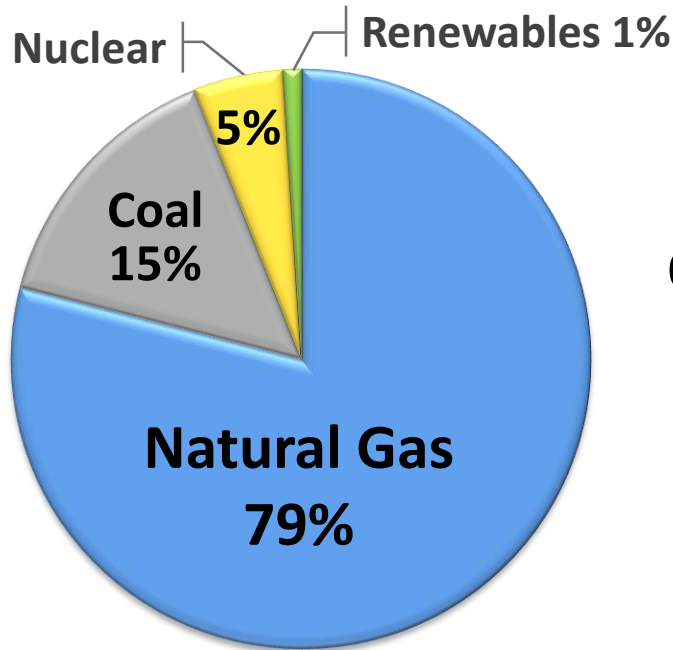


**Serving
2 million,
or 10%,
of Floridians**

Wauchula
Williston
Winter Park

FMPA Controls 1,670 MW of Generation

Nearly 80% of Energy from Natural Gas

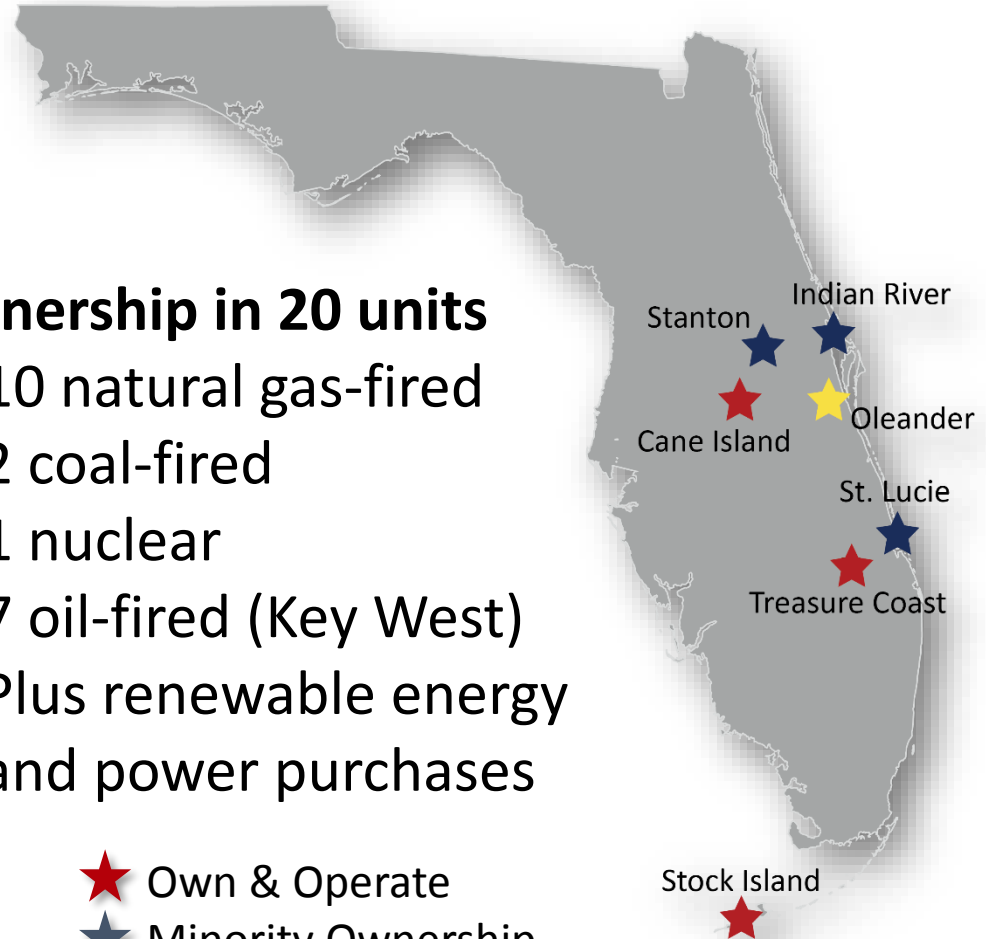


Fiscal 2017 ARP Energy Sources

Ownership in 20 units

- 10 natural gas-fired
- 2 coal-fired
- 1 nuclear
- 7 oil-fired (Key West)
- Plus renewable energy and power purchases

- ★ Own & Operate
- ★ Minority Ownership
- ★ Power Purchase





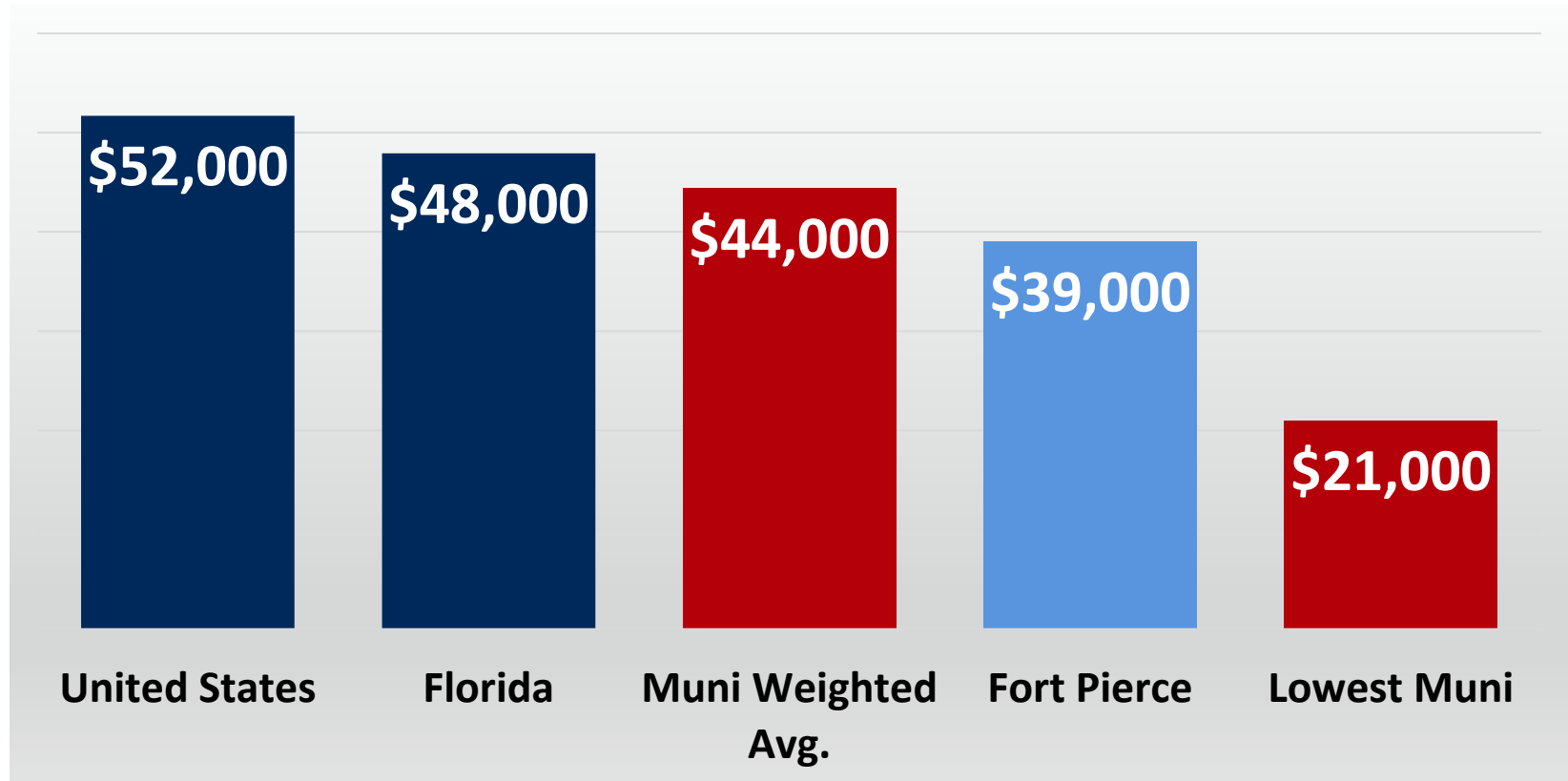
**For 1 in 3 Floridians,
10% of disposable
income goes to the
electric bill**

People Need Affordable Electricity

Income in 29 of 33 Fla. Cities Lower Than State Average

2017 Real Personal Income Per Capita

Rounded to Nearest Thousand





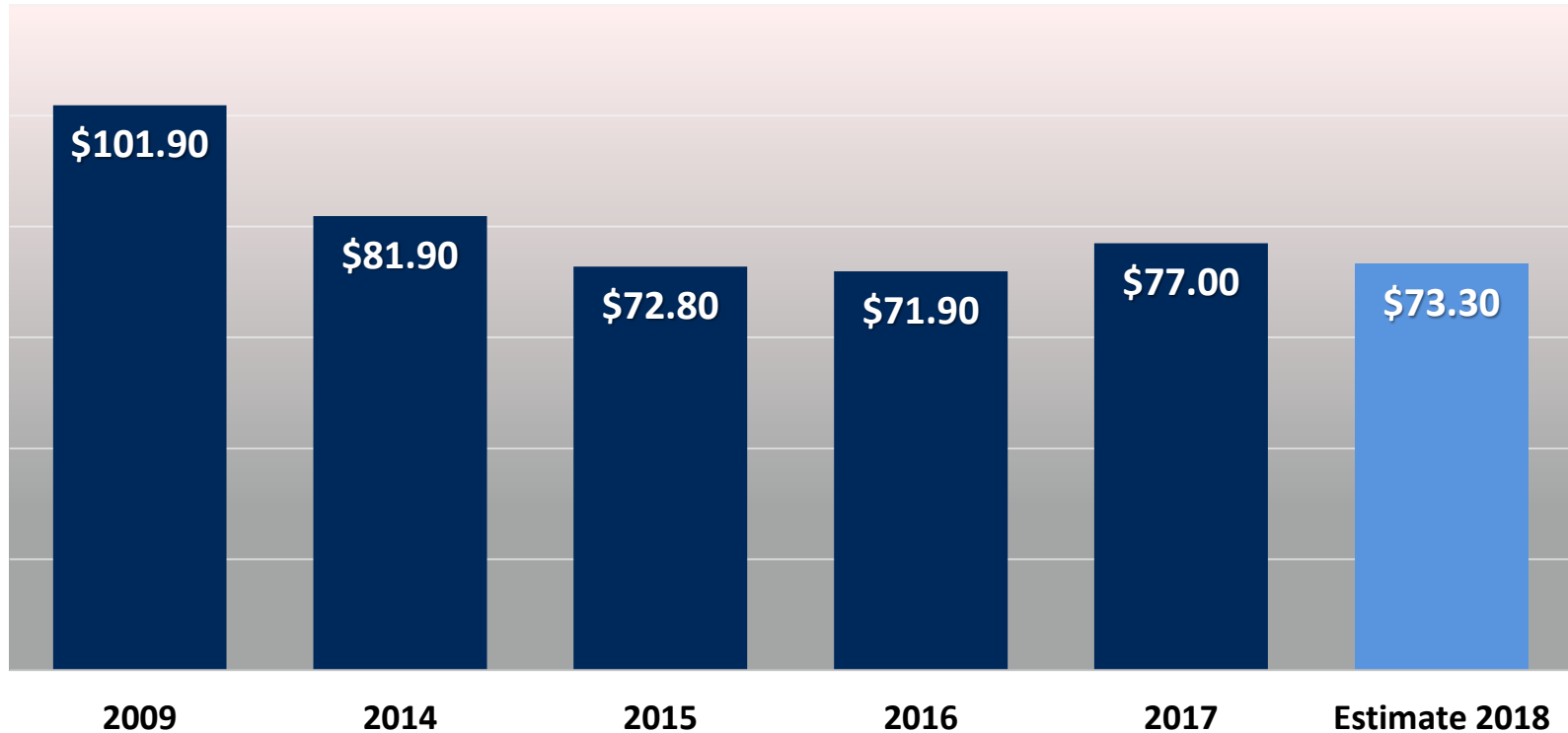
FMIPA Provides Low-Cost Power

FMPA's Costs Decreased 28% Since 2009

Nationally, Electricity Prices Increased 7%

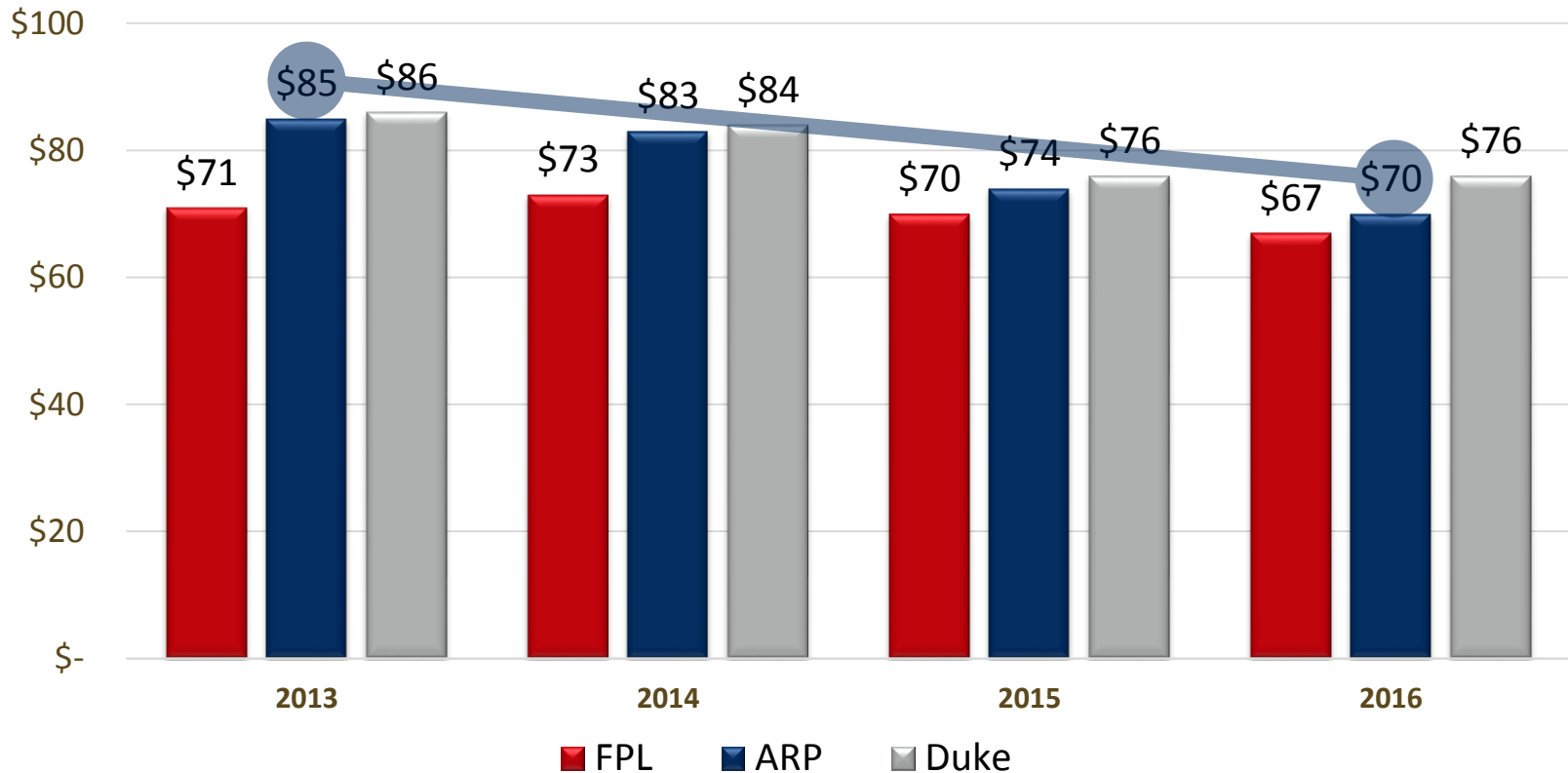
All-Requirements Project: Historical and Budgeted Rates

Cost per Megawatt Hour



FMPA's Costs of Service Competitive

Below the Average of FPL and Duke for 2016



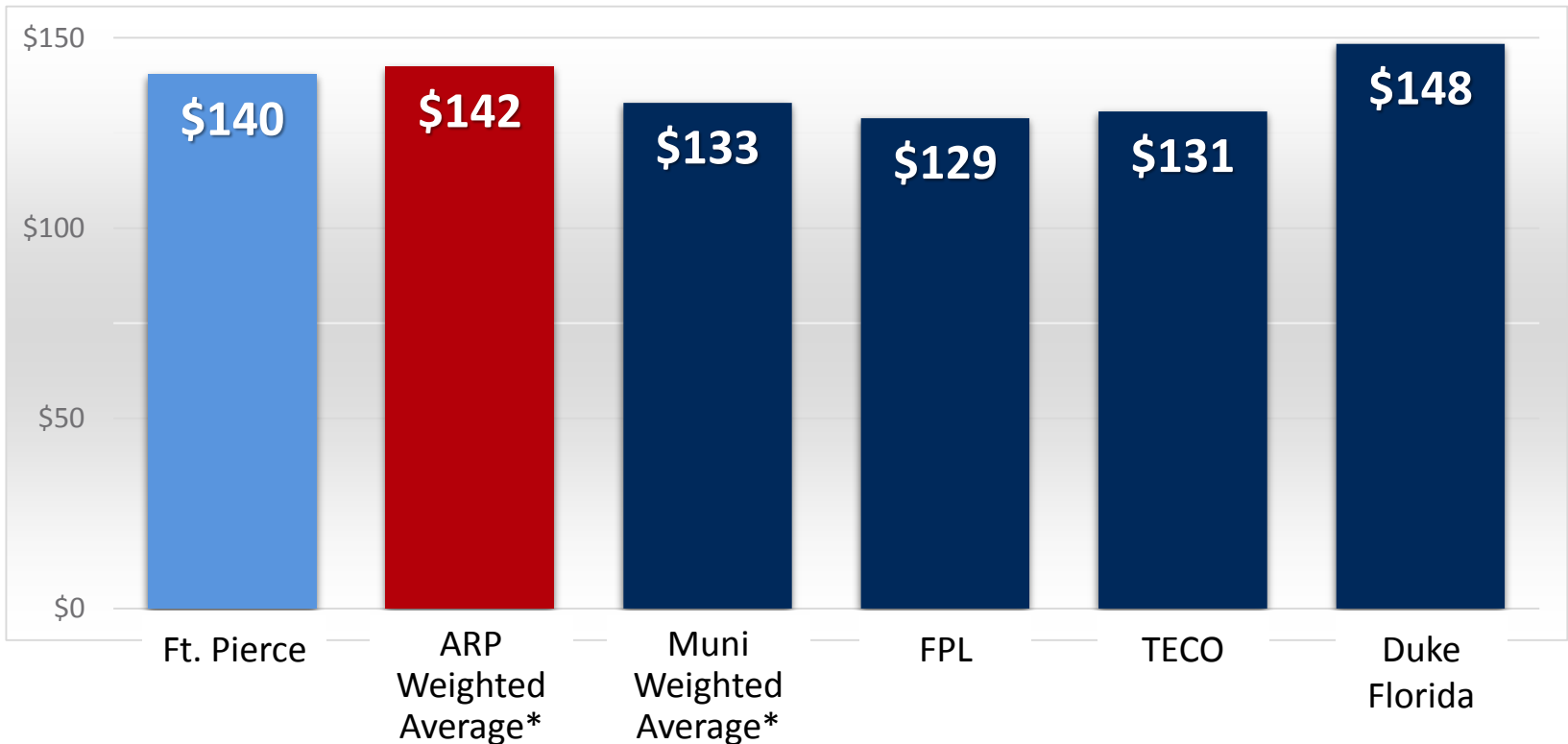
SOURCE: Costs for investor-owned utilities from FERC Form 1 for long-term, full-requirements-type service.

Municipals Provide Low-Cost Power

Lowest Investor-Owned Utility Is Raising Rates

Residential Bill Comparison

Cost per 1,200 kWh, 12-month average Calendar Year 2017



* FMPA's All-Requirements Project (ARP) and Muni rates weighted by 2016 annual load

FPUA Adds Value to Fort Pierce

Utility provides revenue, boosts economy

- Revenue transfers of \$4M annually
- Economic impact of 105 employees = \$3.2M
- Better outage restoration response time
- Other benefits of sharing services and community support



FMIPA Provides Reliable Power

FMPA Sets Records for Plant Operations

Being Available Keeps Lights on, Costs Low

Generating Units	Availability Factor	Industry Average Availability
Treasure Coast	92.7%	85.2%
Cane Island 4	93.3%	85.2%
Cane Island 3	93.7%	85.2%
Stanton 1	89.5%	79.5%
Stanton 2	84.6%	79.5%



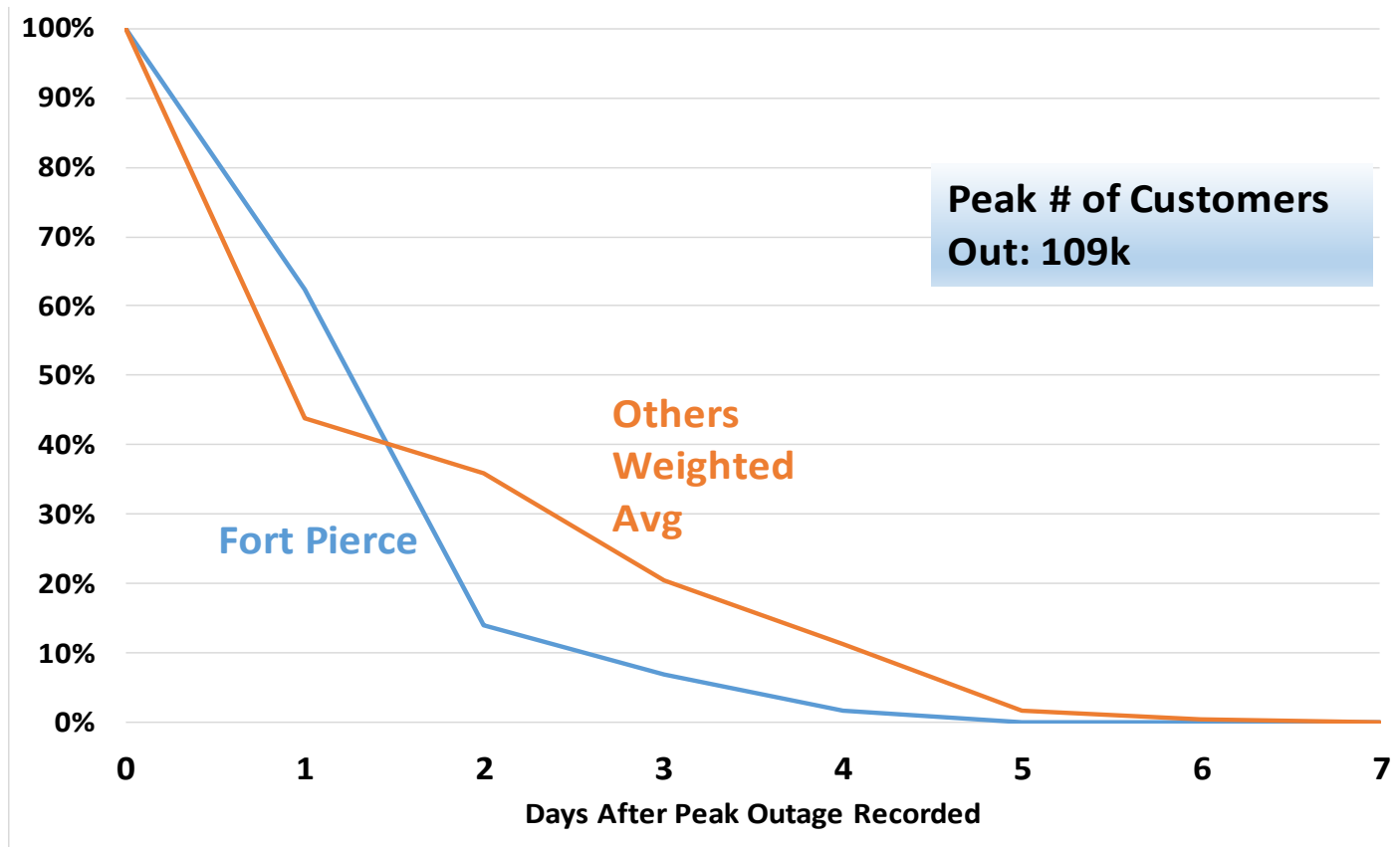
Treasure Coast Energy Center Unit 1

Municipals Fast at Storm Restoration

FPUA Power Restored One Day Sooner

Hurricane Irma in St. Lucie County

Percentage of customers who lost power remaining without power





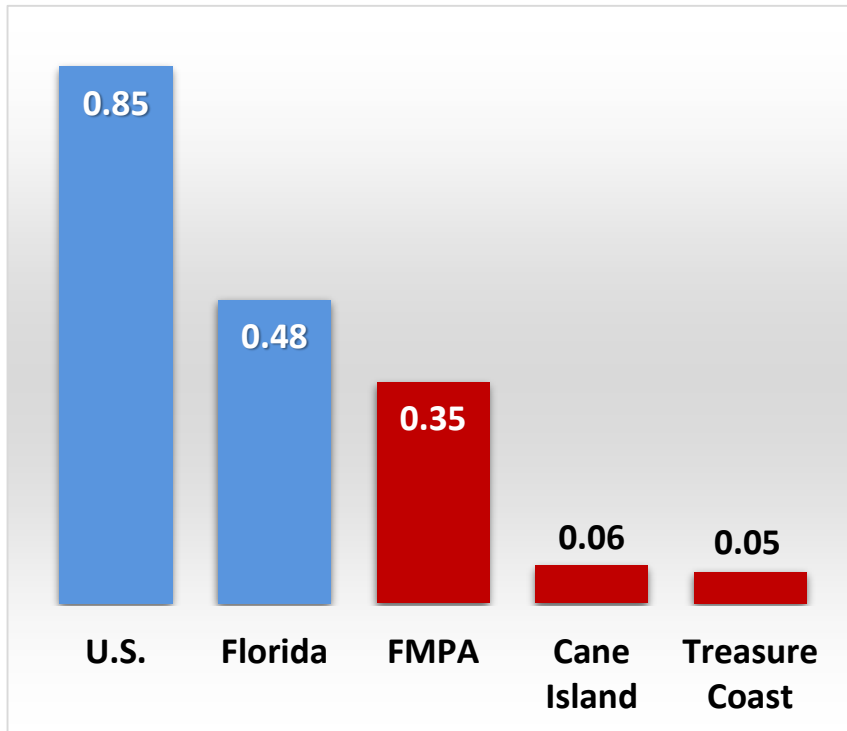
FMIPA Provides Clean Power

FMPA Has a Clean Generation Fleet

Emissions Below U.S. Averages by 59% & 82%

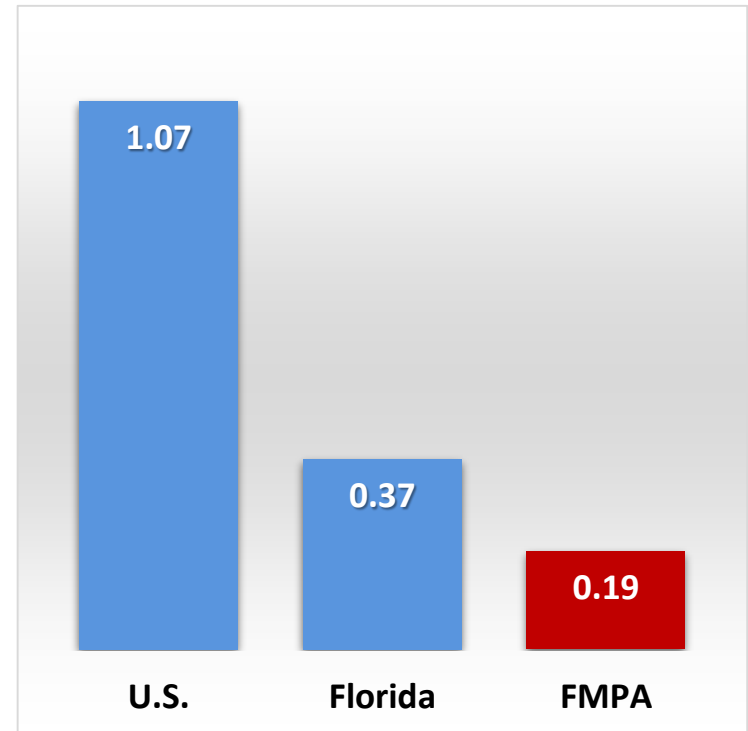
NO_x 59% Below U.S. Average

Lbs./MWh, all generation, 2017 data



SO₂ 82% Below U.S. Average

Lbs./MWh, all generation, 2017 data

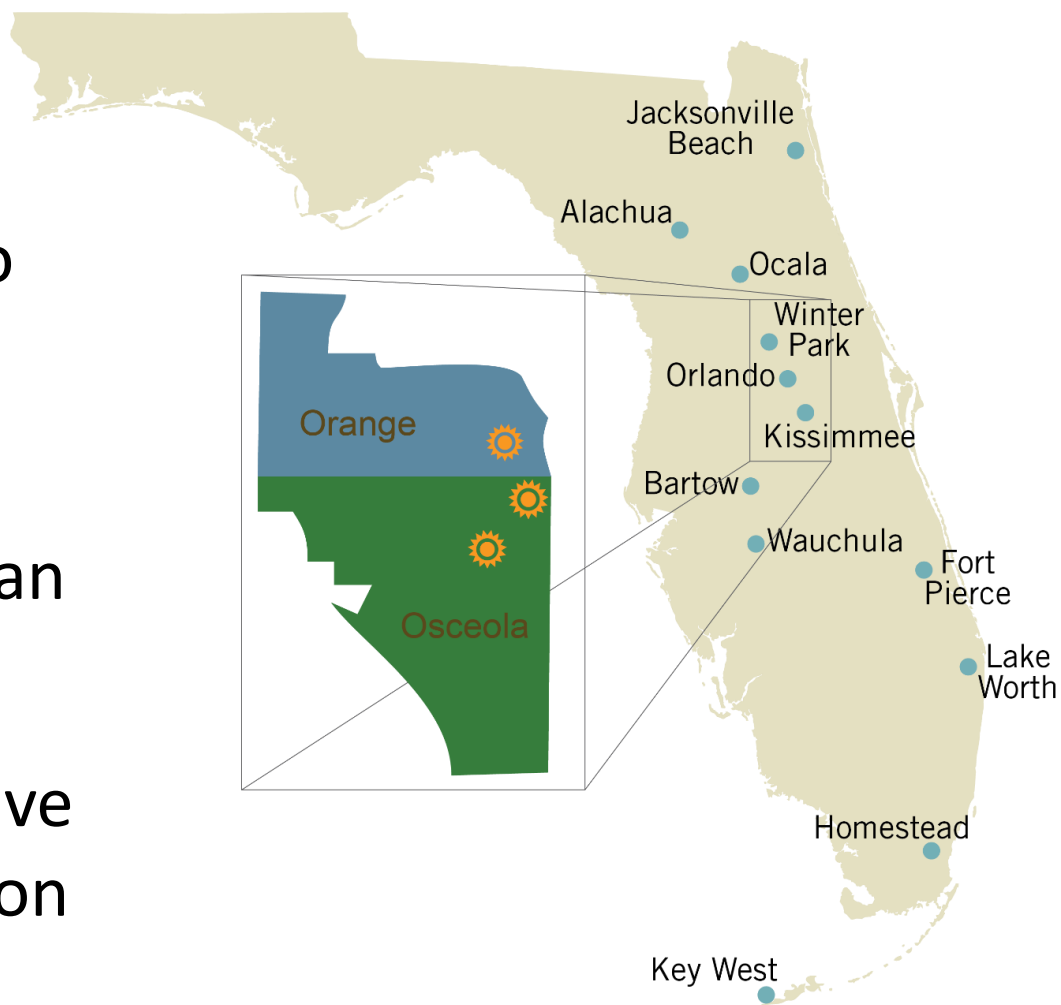


SOURCE: 2017 Annual Acid Rain Program

Together, Cities Can Provide Reasonable Solar

Cost is One-Third the Price of Rooftop Solar

- Most cost effective way for members to provide solar for customers
- Much lower cost than rooftop solar
- Relatively competitive with other generation



All-Requirements Well Positioned

Focused on Low-Cost, Clean, Reliable Power

- All-Requirements has achieved a competitive cost position
- Expect fixed costs to be flat or declining, which should keep rates low
- Young fleet of efficient units with enviable environmental profile



Cane Island Power Park Unit 4