



Economic Development

Finance Economic Development Incentives Subcommittee

April 22, 2014

Paul McElroy - Chief Executive Officer



Economic Development

- Rate Structure and Customer Expectations
 - Public Service Commission Oversight
 - Customer Satisfaction
- Rate Benchmark Information Florida
 - Historical View
 - Florida Benchmark Rates
 - JEA Economic Development Programs and Activities
- Rate Benchmarks Information - Southeast
 - Government Transfers
 - Benchmark Information
 - Subsidy Challenge
- Community Development



Florida Public Service Commission Pricing Oversight

- FPSC must approve all JEA electric rate tariffs
- FPSC regulates JEA's pricing from the aspect of rate structure (equity among rate classes) as opposed to both structure and level, as it does for IOUs
- Rate changes must comport with Cost-of-Service (COS) Study
 - Price discrimination between customer classes or subsidization is not allowed
 - Pricing to meet or relate to a "market" price is not allowed
 - Rates for respective classes do not have to be precisely at COS, but prospective rate changes cannot diverge farther from COS
- FPSC has approved limited negotiated pricing provisions for the four major Florida IOUs
 - Program faded with diminished prospect for retail deregulation of the electric industry in Florida; it is unknown how many negotiations have taken place since the 1990's
 - Confidential terms and conditions of service can and has created bad will; records documents a formal complaint of discrimination against TECO
 - Most contracts that JEA negotiates and executes are public records and subject to inspection, nullifying any prospect to not disclose negotiated service terms and conditions
 - Because JEA is committed to fair and transparent pricing we will continuously evaluate our tariff offerings to identify opportunities to incent economic development



Building Community

Customer Satisfaction

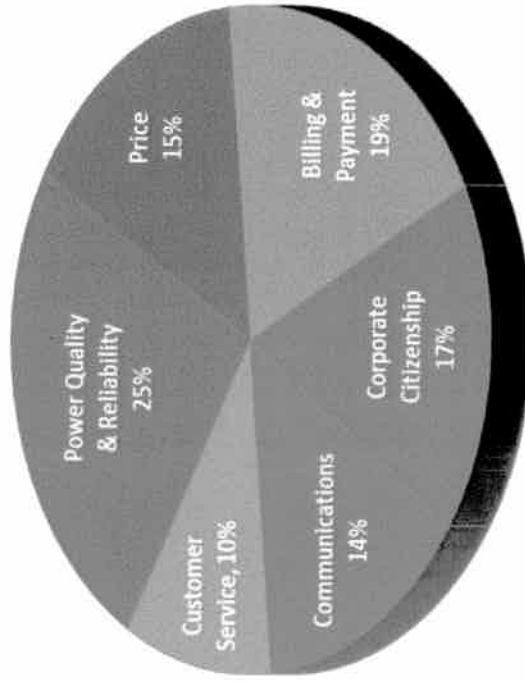
Improve Quartile Rankings from FY13 Be Easy To Do Business With

Achieve National 2nd Quartile Ranking on the J.D. Power Customer Satisfaction Index

Business (B)

FY13	Wave 1	Wave 2	FY14 YTD
4Q	619	1Q 689	2Q 675
			1Q 682

Business



2014 Business # of companies: 96
 1Q= 1st quartile 2Q= 2nd quartile 3Q = 3rd quartile 4Q = 4th quartile

Customer Service

FY13	Wave 1	Wave 2	FY14 YTD
B	3Q 678	2Q 711	2Q 720
			2Q 716

Quality & Reliability

FY13	Wave 1	Wave 2	FY14 YTD
B	4Q 669	2Q 730	2Q 713
			2Q 721

Billing & Payment

FY13	Wave 1	Wave 2	FY14 YTD
B	3Q 694	1Q 755	2Q 725
			1Q 740

Empower Customers to Make Informed Decisions

Communication

FY13	Wave 1	Wave 2	FY14 YTD
B	4Q 537	1Q 644	2Q 610
			1Q 627

Price

FY13	Wave 1	Wave 2	FY14 YTD
B	4Q 526	1Q 615	2Q 610
			2Q 612

Demonstrate Community Responsibility

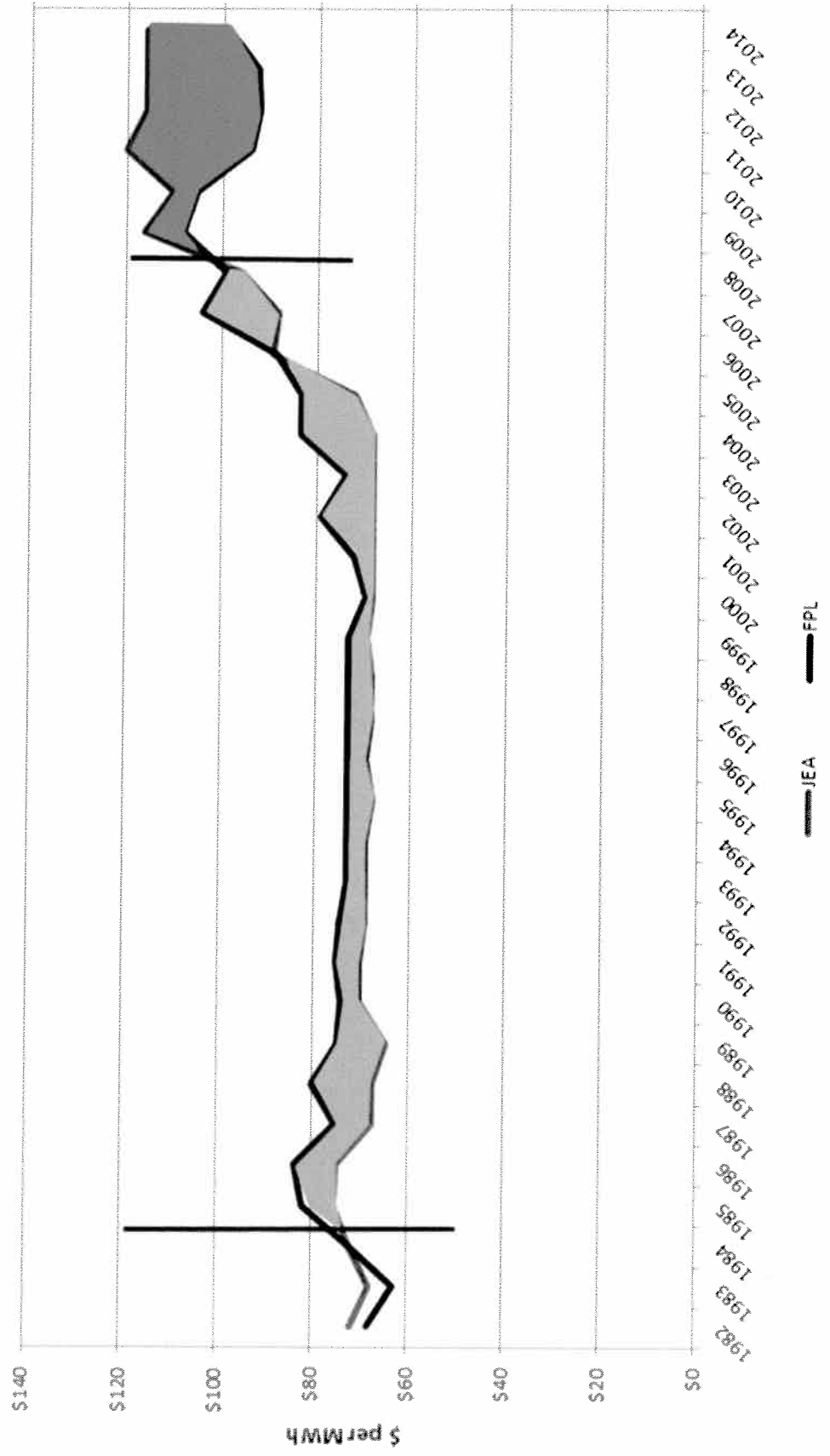
Corporate Citizenship

FY13	Wave 1	Wave 2	FY14 YTD
B	4Q 567	1Q 635	2Q 635
			1Q 635

- **25% Power Quality and Reliability**
 - Reliable Public Power Provider: Diamond level designation, Top 1%
 - J.D. Power: **Second Quartile** Business Customer Satisfaction
- **19% Billing and Payment**
 - J.D. Power: First Quartile Business Customer Satisfaction
- **17% Corporate Citizenship**
 - J.D. Power: First Quartile Business Customer Satisfaction
- **15% Price**
 - J.D. Power: **Second Quartile** Business Customer Satisfaction
- **14% Communications**
 - J.D. Power: First Quartile Business Customer Satisfaction
- **10% Customer Service**
 - J.D. Power: **Second Quartile** Business Customer Satisfaction

Economic Development

Relative Pricing Changes Over Time
October 1981 to April 2014



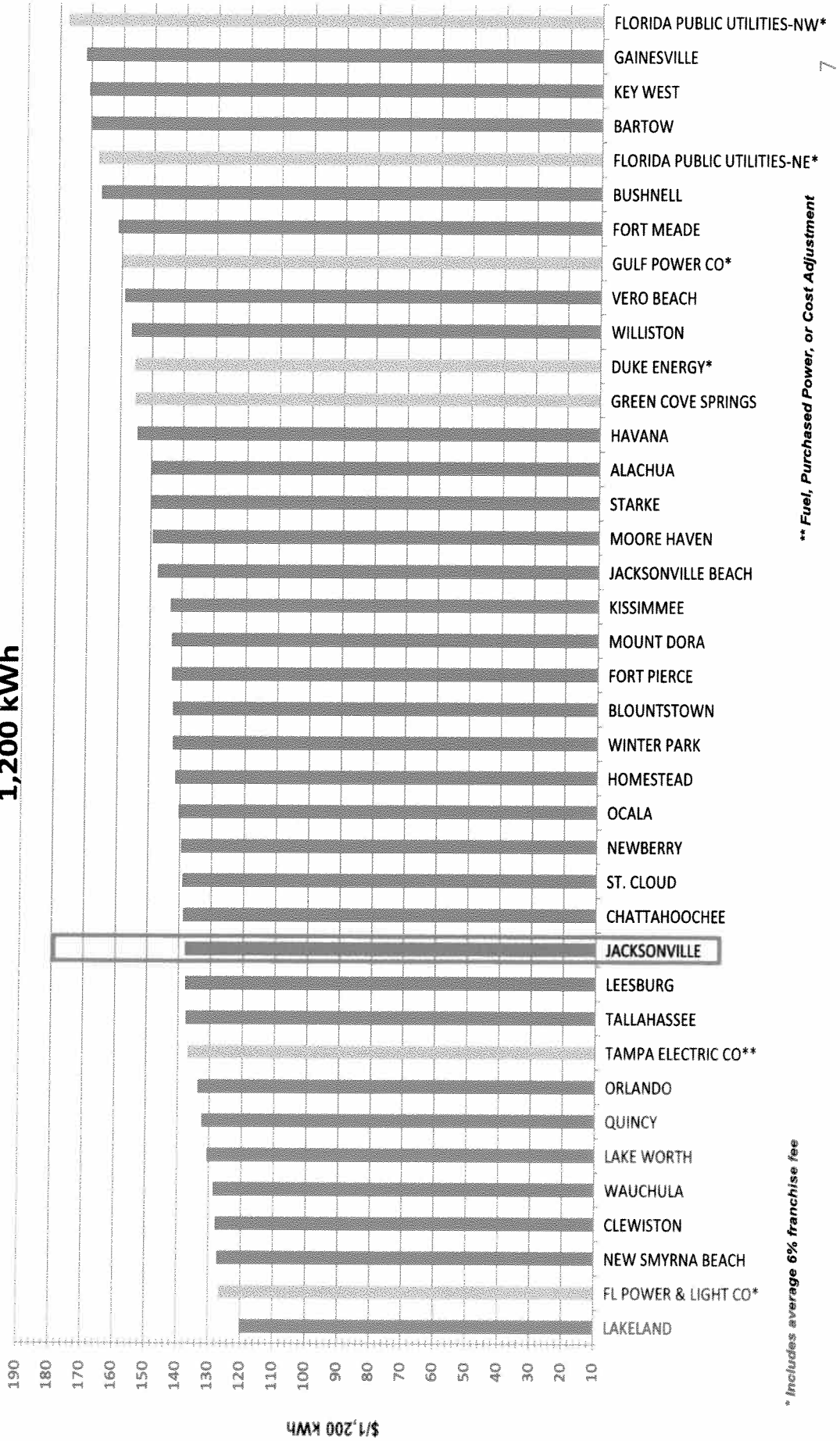


Rates Benchmark

Florida Municipal Electric Association

Lowest to Highest Residential Bill Comparison, February 2014

1,200 kWh





Building Community

Rates Benchmark

Florida Municipal Electric Association

CITY	75 KW - 15,000 KWH			150 KW - 30,000 KWH			150 KW - 30,000 KWH			150 KW - 60,000 KWH		
	Base Rate (Includes Customer Charge)	Fuel or Cost Adjustment	Total	Base Rate (Includes Customer Charge)	Fuel or Cost Adjustment	Total	Base Rate (Includes Customer Charge)	Fuel or Cost Adjustment	Total	Base Rate (Includes Customer Charge)	Fuel or Cost Adjustment	Total
ALACHUA	1,623.75	360.00	1,983.75	2,658.75	720.00	3,378.75	3,202.50	720.00	3,922.50	5,272.50	1,440.00	6,712.50
BARTOW	994.25	1,321.95	2,316.20	1,306.25	2,643.90	3,950.15	1,968.50	2,643.90	4,612.40	2,592.50	5,287.80	7,880.30
BLOUNTSTOWN	1,996.80	0.00	1,996.80	3,993.60	0.00	3,993.60	3,993.60	0.00	3,993.60	7,987.20	0.00	7,987.20
BUSHNELL	1,684.70	630.00	2,314.70	2,787.95	1,260.00	4,047.95	3,346.70	1,260.00	4,606.70	5,553.20	2,520.00	8,073.20
CHATTAHOOCHEE	1,677.62	480.86	2,158.48	2,828.12	961.71	3,789.83	3,391.68	961.71	4,353.39	5,992.68	1,923.42	7,916.10
CLEWISTON	1,537.00	217.50	1,754.50	2,762.50	435.00	3,197.50	3,032.50	435.00	3,467.50	5,483.50	870.00	5,353.50
FORT MEADE	1,376.28	705.00	2,081.28	2,356.50	1,410.00	3,766.50	3,063.00	1,410.00	4,473.00	4,671.00	2,820.00	7,491.00
FORT PIERCE	1,873.95	15.00	1,888.95	3,200.85	30.00	3,230.85	3,708.60	30.00	3,738.60	6,362.40	60.00	6,422.40
GAINESVILLE	1,468.75	1,035.00	2,503.75	2,143.75	2,070.00	4,213.75	2,837.50	2,070.00	4,907.50	4,187.50	4,140.00	8,327.50
GREEN COVE SPRINGS	1,540.00	600.00	2,140.00	2,455.00	1,200.00	3,655.00	3,055.00	1,200.00	4,255.00	4,885.00	2,400.00	7,285.00
HAVANA	1,258.50	604.80	1,863.30	2,511.00	1,209.60	3,720.60	2,511.00	1,209.60	3,720.60	5,016.00	2,419.20	7,435.20
HOMESTEAD	1,369.92	734.25	2,104.17	2,226.42	1,468.50	3,694.92	2,704.17	1,468.50	4,172.67	4,417.17	2,937.00	7,354.17
JACKSONVILLE	1,227.55	654.00	1,881.55	1,740.10	1,308.00	3,048.10	2,370.10	1,308.00	3,678.10	3,395.20	2,616.00	6,011.20
JACKSONVILLE BEACH	1,287.80	642.60	2,230.40	2,521.85	1,285.20	3,807.05	3,159.35	1,285.20	4,444.55	5,027.45	2,570.40	7,597.85
KEY WEST	2,284.27	94.95	2,379.22	3,833.77	189.90	4,023.67	4,474.27	189.90	4,664.17	7,573.27	379.80	7,953.07
KISSIMMEE	2,244.04	-368.40	1,875.64	3,765.79	-736.80	3,028.99	4,432.54	-736.80	3,695.74	7,476.04	-1,473.60	6,002.44
LAKE WORTH	2,213.10	0.00	2,213.10	3,338.70	0.00	3,338.70	4,426.20	0.00	4,426.20	6,677.40	0.00	6,677.40
LAKELAND	900.20	612.75	1,512.95	1,245.39	2,202.00	3,447.39	1,770.39	2,202.00	3,972.39	2,995.89	2,460.78	4,911.78
LEESBURG	1,568.51	450.00	2,018.51	2,258.49	900.00	3,158.49	3,111.99	900.00	4,011.99	4,491.97	1,850.00	6,291.97
MOORE HAVEN	1,436.75	639.00	2,075.75	2,161.25	1,278.00	3,439.25	2,840.00	1,278.00	4,118.00	4,289.00	2,556.00	6,845.00
MOUNT DORA	453.34	1,101.00	1,554.34	534.05	2,202.00	2,736.05	887.30	2,202.00	3,089.30	1,048.73	4,404.00	5,452.73
NEW SMYRNA BEACH	1,514.75	374.40	1,889.15	2,489.75	748.80	3,238.55	2,996.00	748.80	3,744.80	4,946.00	1,497.60	6,443.60
NEWBERRY	1,782.00	375.00	1,738.35	2,203.50	750.00	2,953.50	2,769.75	750.00	3,519.75	4,420.05	1,500.00	5,920.05
OCALA	1,363.35	600.45	1,657.50	1,484.10	1,200.90	2,685.00	2,084.10	1,200.90	3,285.00	2,938.20	2,401.80	5,340.00
ORLANDO	1,057.05	685.00	1,733.97	1,733.49	1,071.00	2,804.49	2,033.49	1,371.00	3,404.49	3,406.53	2,142.00	5,548.53
QUINCY	1,099.35	624.45	1,723.80	1,543.50	1,248.90	2,792.40	2,167.50	1,248.90	3,416.40	3,055.80	2,497.80	5,553.60
ST. CLOUD	1,395.00	675.00	2,070.00	2,709.00	1,350.00	4,059.00	2,709.00	1,350.00	4,059.00	5,409.00	2,700.00	8,109.00
TALLAHASSEE	1,179.96	628.50	1,808.46	1,464.96	1,257.00	2,721.96	2,299.71	1,257.00	3,556.71	2,869.71	2,514.00	5,383.71
VERO BEACH	873.05	1,125.00	1,998.05	1,372.55	2,250.00	3,622.55	1,706.30	2,250.00	3,956.20	2,705.30	4,500.00	7,205.30
WAUCHULA	1,450.25	330.00	1,780.25	2,425.25	660.00	3,085.25	2,835.50	660.00	3,495.50	4,785.50	1,320.00	6,105.50
WILLISTON												
WINTER PARK	909.52	595.35	1,504.87	1,470.22	1,190.70	2,660.92	1,806.22	1,190.70	2,996.92	2,927.62	2,391.40	5,309.02
FL POWER & LIGHT *	1,147.23	508.95	1,656.18	1,450.08	1,017.90	2,467.98	2,275.83	1,017.90	3,293.73	2,881.53	2,035.80	4,917.33
GULF POWER *	1,068.05	630.15	1,698.20	1,612.85	1,260.30	2,873.15	2,092.10	1,260.30	3,352.40	3,181.70	2,520.60	5,702.30
DUKE ENERGY*	1,170.49	661.20	1,831.69	1,541.89	1,322.40	2,864.29	2,329.39	1,322.40	3,651.79	3,072.19	2,644.80	5,716.99
TAMPA ELECTRIC**	911.85	586.50	1,629.75	1,191.90	1,173.00	2,634.20	1,793.70	1,173.00	3,229.50	2,353.80	2,346.00	5,238.00
FLORIDA PUBLIC UTILITIES-NE*	313.00	1,233.00	1,546.00	364.00	2,466.00	2,830.00	574.00	2,466.00	3,040.00	676.00	4,932.00	5,608.00
FLORIDA PUBLIC UTILITIES-NW*	313.00	1,398.30	1,711.30	364.00	2,796.60	3,160.60	574.00	2,796.60	3,370.60	676.00	5,593.20	6,269.20

*Rates for municipal utilities INCLUDE payment-in-lieu of tax to the city's general fund. Rates for investor-owned utilities DO NOT INCLUDE franchise fee payments, which average 6% across Florida. G = Generating utility. **Total includes conservation, capacity, environmental and refund credit (if applicable).



Building Community

Rates Benchmark

Florida Municipal Electric Association

CITY	300 KW - 60,000 KWH			300 KW - 120,000 KWH			500 KW - 100,000 KWH			500 KW - 200,000 KWH			Addition at Tax
	Base Rate (Includes Customer Charge)	Fuel or Cost Adjustment	Total	Base Rate (Includes Customer Charge)	Fuel or Cost Adjustment	Total	Base Rate (Includes Customer Charge)	Fuel or Cost Adjustment	Total	Base Rate (Includes Customer Charge)	Fuel or Cost Adjustment	Total	
ALACHUA	6,360.00	1,440.00	7,800.00	10,500.00	2,880.00	13,380.00	10,570.00	2,400.00	12,970.00	17,470.00	4,800.00	22,270.00	10%
BARTOW	3,917.00	5,287.80	9,204.80	5,165.00	10,575.60	15,740.60	6,515.00	8,813.00	15,328.00	8,595.00	17,626.00	26,221.00	10%
BLOUNTS TOWN	7,987.20	0.00	7,987.20	15,974.40	0.00	15,974.40	13,312.00	0.00	13,312.00	26,624.00	0.00	26,624.00	5%
BUSHNELL	6,670.70	2,520.00	9,190.70	11,083.70	5,040.00	16,123.70	11,102.70	4,200.00	15,302.70	18,457.70	8,400.00	26,857.70	10%
CHATTAHOOCHEE	6,783.36	1,923.42	8,706.78	11,985.36	3,846.84	15,832.20	11,305.60	3,205.70	14,511.30	19,975.60	6,411.40	26,387.00	NONE
CLEWISTON	6,023.50	870.00	6,893.50	10,925.50	1,740.00	12,665.50	10,011.50	1,450.00	11,461.50	18,181.50	2,900.00	21,081.50	10%
FORT MEADE	6,042.00	2,820.00	8,862.00	9,300.00	5,640.00	14,940.00	10,112.00	4,700.00	14,812.00	15,472.00	9,400.00	24,872.00	10%
FORT PIERCE	7,377.90	60.00	7,437.90	12,685.30	120.00	12,805.30	12,270.30	100.00	12,370.30	21,116.30	200.00	21,316.30	10%
GAINESVILLE	5,421.40	4,140.00	9,561.40	8,067.40	8,280.00	16,347.40	8,969.00	6,900.00	15,869.00	13,379.00	13,800.00	27,179.00	10%
GREEN COVE SPRINGS	6,085.00	2,400.00	8,485.00	9,745.00	4,800.00	14,545.00	10,125.00	4,000.00	14,125.00	16,225.00	8,000.00	24,225.00	NONE
HAVANA	5,016.00	2,419.20	7,435.20	10,026.00	4,838.40	14,864.40	8,356.00	4,032.00	12,388.00	16,706.00	8,064.00	24,770.00	NONE
HOMESTEAD	5,372.67	2,937.00	8,309.67	8,798.67	5,874.00	14,672.67	8,930.67	4,895.00	13,825.67	14,640.67	9,790.00	24,430.67	10%
JACKSONVILLE	4,655.20	2,616.00	7,271.20	6,705.40	5,232.00	11,937.40	7,702.00	4,360.00	12,062.00	11,119.00	8,720.00	19,839.00	10%
JACKSONVILLE BEACH	6,302.45	2,570.40	8,872.85	10,038.65	5,140.80	15,179.45	10,493.25	4,284.00	14,777.25	16,220.25	8,568.00	25,288.25	NONE
KEY WEST	8,854.27	379.80	9,234.07	15,052.27	759.60	15,811.87	14,694.27	633.00	15,327.27	25,024.27	1,266.00	26,290.27	NONE
KISSIMMEE	8,809.54	-1,473.60	7,335.94	14,896.54	-2,947.20	11,949.34	15,446.12	-2,456.00	12,990.12	24,755.12	-4,912.00	19,843.12	8%
LAKE WORTH	8,552.40	0.00	8,552.40	13,354.80	0.00	13,354.80	14,754.00	0.00	14,754.00	22,258.00	0.00	22,258.00	10%
LAKELAND	4,451.00	2,451.00	6,902.00	4,891.56	4,902.00	9,793.56	6,025.30	4,085.00	10,110.30	8,095.60	8,170.00	16,265.60	10%
LEESBURG	6,198.97	1,800.00	7,998.97	8,958.91	3,600.00	12,558.91	10,314.93	3,000.00	13,314.93	14,914.84	6,000.00	20,914.84	10%
MOORE HAVEN	5,646.50	2,556.00	8,202.50	8,544.50	5,112.00	13,656.50	9,388.50	4,260.00	13,648.50	14,218.50	8,520.00	22,738.50	10%
MOUNT DORA	1,755.23	4,404.00	6,159.23	2,078.09	8,808.00	10,886.09	2,912.47	7,340.00	10,252.47	3,450.57	14,680.00	18,130.57	10%
NEW SMYRNA BEACH	5,583.50	1,497.60	7,081.10	9,183.50	2,995.20	12,178.70	9,283.50	2,496.00	11,779.50	15,283.50	4,992.00	20,275.50	9%
NEWBERRY	6,675.00	600.00	7,275.00	10,605.00	1,200.00	11,805.00	11,095.00	1,000.00	12,095.00	17,645.00	2,000.00	19,645.00	10%
OCALA	5,515.05	1,500.00	7,015.05	8,815.65	3,000.00	11,815.65	9,550.45	2,500.00	12,050.45	14,951.45	5,000.00	19,951.45	10%
ORLANDO	4,016.40	2,377.80	6,394.20	5,707.80	4,755.60	10,463.40	6,644.00	3,963.00	10,607.00	9,463.00	7,926.00	17,389.00	10%
QUINCY	4,006.53	2,742.00	6,748.53	6,752.61	4,284.00	11,036.61	6,700.00	4,570.00	11,270.00	11,180.00	7,140.00	17,389.00	10%
ST. CLOUD	4,177.20	2,473.20	6,650.40	5,936.40	4,646.40	10,582.80	6,910.00	4,122.00	11,032.00	9,842.00	8,244.00	18,086.00	8%
STARKE	5,409.00	2,700.00	8,109.00	10,809.00	5,400.00	16,209.00	9,009.00	4,500.00	13,509.00	18,009.00	9,000.00	27,009.00	10%
TALLAHASSEE	4,539.21	2,514.00	7,053.21	5,679.21	5,028.00	10,707.21	7,477.21	4,190.00	11,667.21	9,329.21	8,380.00	17,709.21	10%
VERO BEACH	3,372.80	4,500.00	7,872.80	5,370.80	9,000.00	14,370.80	5,594.80	7,500.00	13,094.80	8,924.80	15,000.00	23,924.80	10%
WAUCHULA	5,606.00	1,320.00	6,926.00	9,506.00	2,640.00	12,146.00	9,300.00	2,200.00	11,500.00	15,800.00	4,400.00	20,200.00	10%
WILLISTON	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5%
WINTER PARK	3,599.62	2,381.40	5,981.02	5,842.42	4,762.80	10,605.22	5,907.16	3,929.31	9,836.47	9,607.78	7,858.62	17,466.40	APPL
FL POWER & LIGHT *	4,533.03	2,035.80	6,568.83	5,744.43	4,071.60	9,816.03	7,858.91	3,389.00	11,247.91	9,410.91	6,778.00	16,188.91	APPL
GULF POWER *	4,140.20	2,520.60	6,660.80	6,319.40	5,041.20	11,360.60	8,395.00	4,100.00	12,495.00	11,010.00	8,200.00	19,210.00	TAXES
DUKE ENERGY *	4,647.19	2,644.80	7,291.99	6,132.79	5,289.60	11,422.39	7,599.70	4,364.00	11,963.70	10,051.14	8,728.00	18,779.14	ADD
TAMPA ELECTRIC **	3,557.40	2,346.00	6,429.00	4,677.60	4,692.00	10,446.00	5,909.00	3,910.00	10,695.00	7,776.00	7,820.00	17,390.00	FEES
FLORIDA PUBLIC UTILITIES-NE*	1,096.00	4,932.00	6,028.00	1,300.00	9,864.00	11,164.00	2,245.00	8,245.00	10,490.00	2,390.00	16,490.00	18,880.00	TAXES
FLORIDA PUBLIC UTILITIES-NW*	1,096.00	5,593.20	6,689.20	1,300.00	11,186.40	12,486.40	2,245.00	8,965.00	11,210.00	2,390.00	17,930.00	20,320.00	TAXES

*Rates for municipal utilities INCLUDE payment-in-lieu of tax to the city's general fund. Rates for investor-owned utilities DO NOT INCLUDE franchise fee payments, which average 6% across Florida.
 G = Generating utility. **Total includes conservation, capacity, environmental and refund credit (if applicable).

Economic Development Programs

- **Incremental Economic Development Discount Program(IEDP)**
 - Applies primarily to manufacturing customers in the Interruptible rate class only
 - Customer receives discount on the incremental demand and energy, fuel, and environmental above an established baseline
 - Discounts expands over two consecutive five year periods in accordance with a six year declining schedule

- **Economic Development Program (EDP)**
 - Initially offered as a two year Experimental Rate Rider
 - Applies to new or existing customers whose new demand or incremental demand is a minimum of 300 kW at a single site, and the customer employs an additional work force of at least 15 full-time employees in the JEA service area
 - Customer will receive a discount on energy, demand, and environmental charges. Discount expands over a six year period with a declining discount schedule

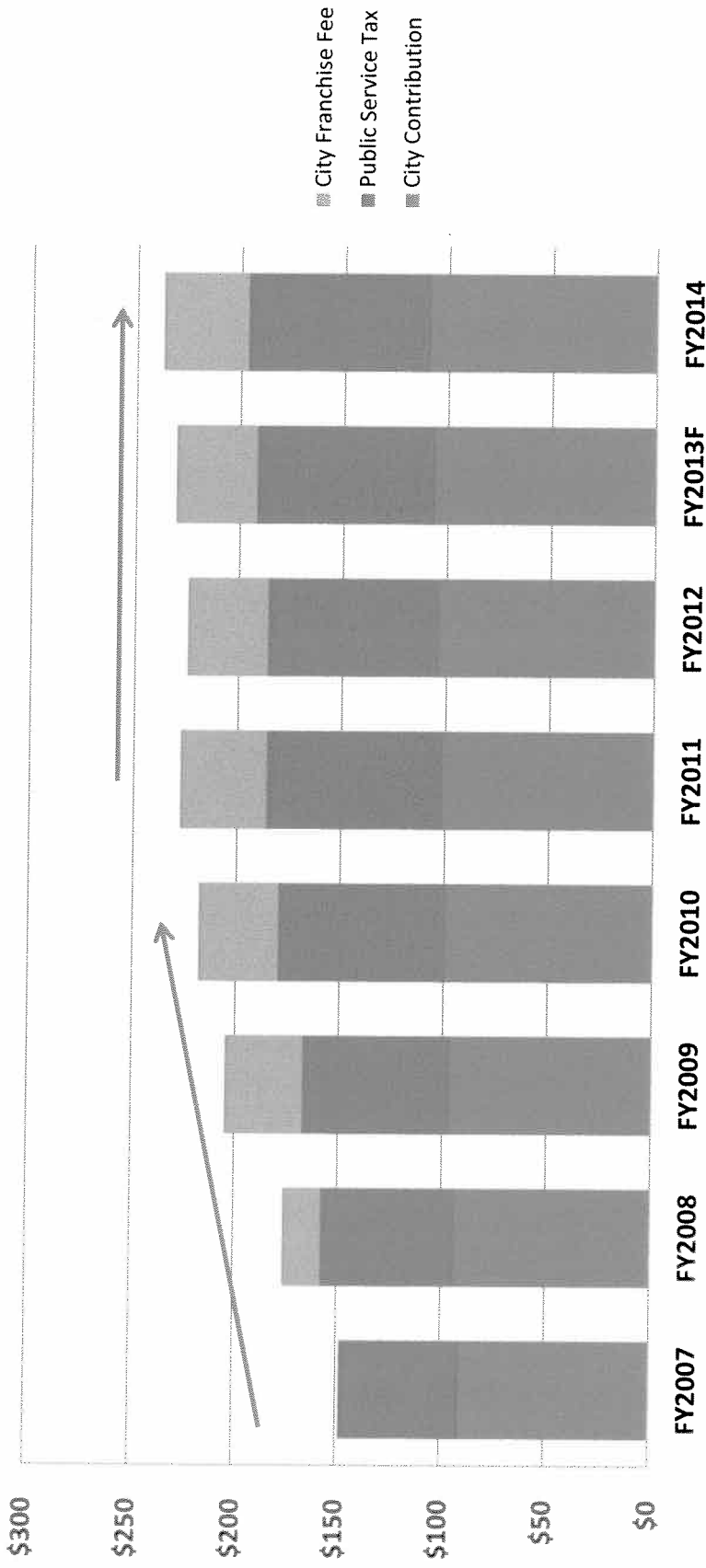


Potential New Rate Offerings

- **High Load Factor/Hours Use Demand**
 - Attracts and rewards customers that have high load factors. High load factor customers contribute to improving the overall system load factor by utilizing JEA base and intermediate load power plants at higher capacity factors. Higher load factor customers have more kWh billing units on which to spread fixed costs thus lowering the unit rate per kWh to serve these customers.

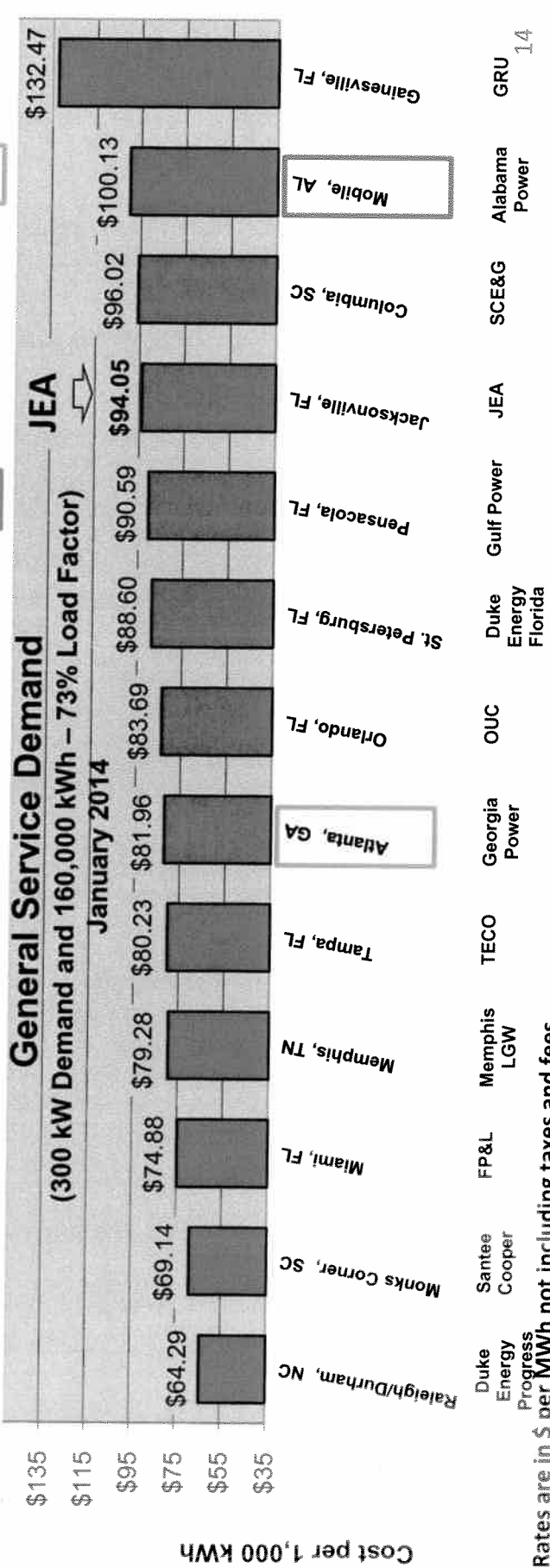
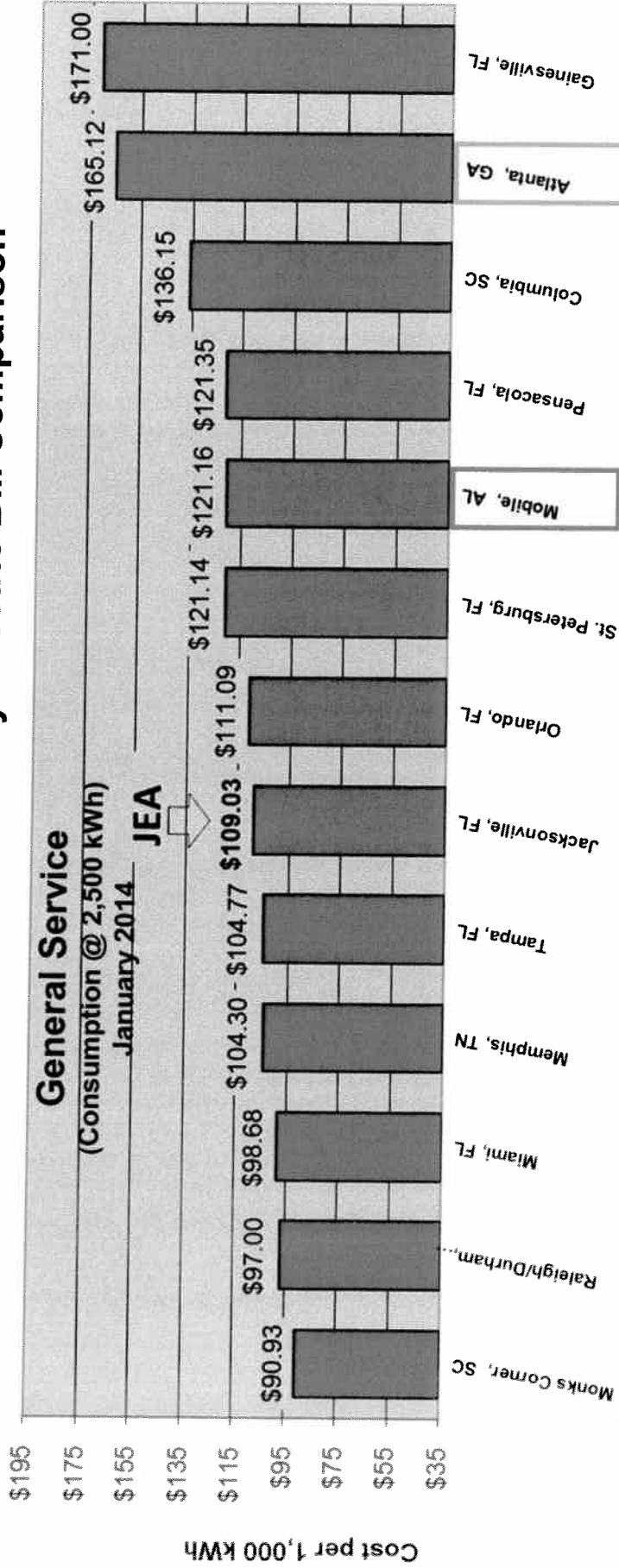
- Active member and financial supporter of JAXUSA Partnership. Assists Chamber in marketing the City and the 6 county region which benefits commercial and residential customer growth
- Financial Supporter of Clay, Nassau and St. Johns Economic Development Groups and Chambers of Commerce
- Member of Nassau County Economic Development Board
- Assist with providing utility information to prospects through Chamber and/or OED
- Member of Downtown Vision Inc and Downtown Marketing Collaborative
- Possess reliable electric capacity to support immediate growth and development in Downtown and South Bank area
- Continuous funding of strategic Master Plan to support electric and water/sewer maintenance and upgrades to support present and future growth demands

Contribution, Franchise Fee, and Public Service Tax



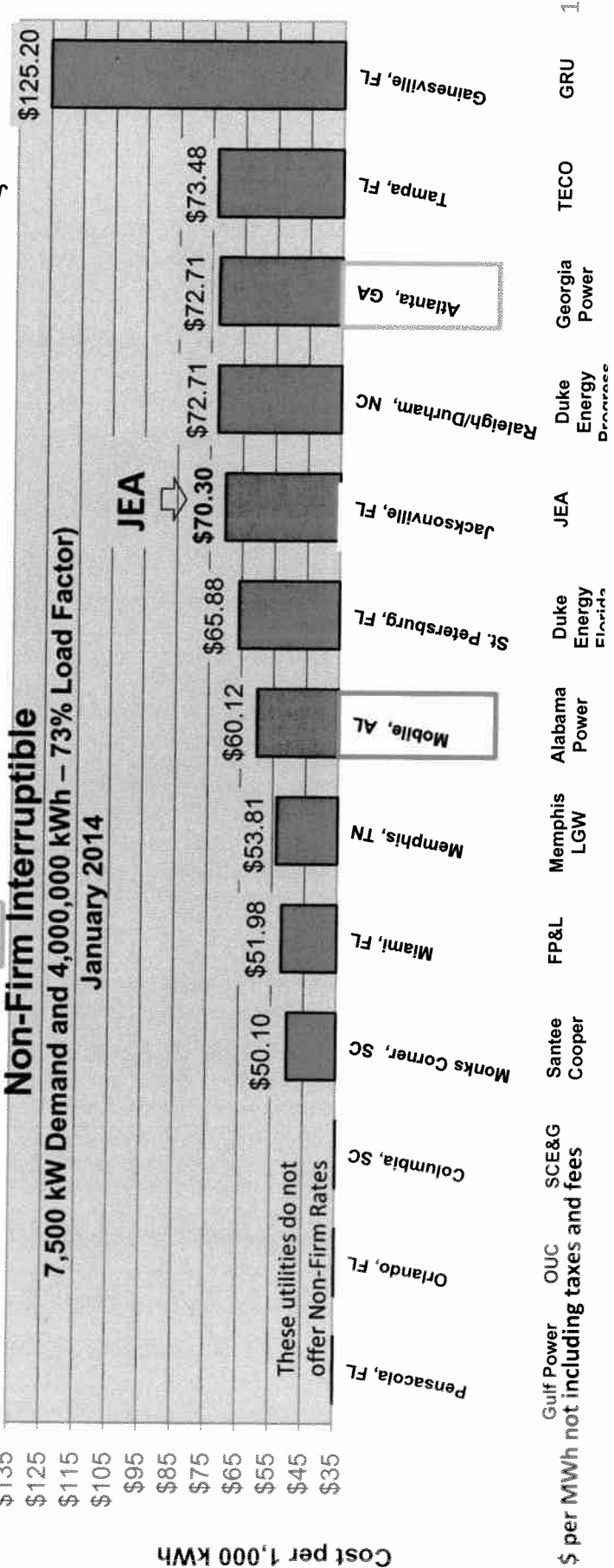
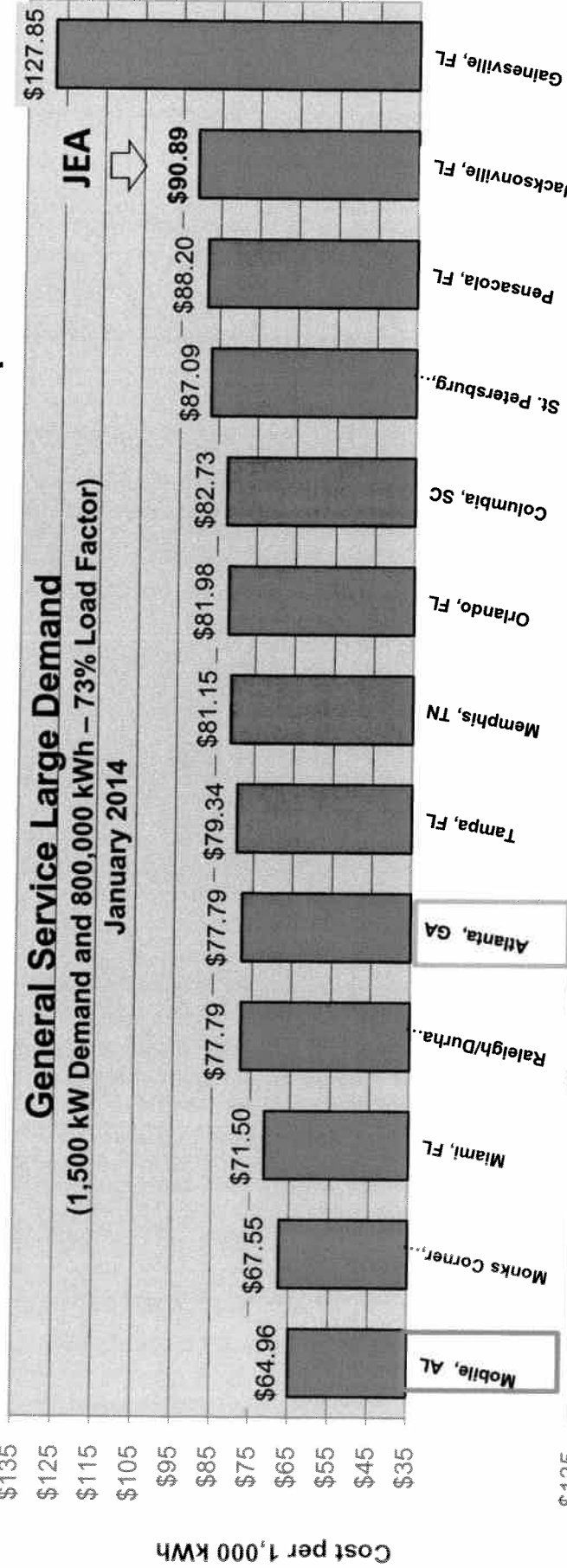
- During the five year period, 2008 – 2012, annual transfers to the City increased \$77 million or 51%.
- Extremely low growth in unit sales and no planned rate increase will limit future growth in Franchise Fees and Public Service Taxes.
- City contribution will continue to grow at \$2.5 million per year through 2016.
- FY2014 Contribution provides \$25 million premium.

Southeastern Utilities Monthly Electric Bill Comparison



Rates are in \$ per MWh not including taxes and fees

Southeastern Utilities Monthly Electric Bill Comparison



Gulf Power OUC SCE&G Santee Cooper FP&L Memphis LGW Alabama Power Duke Energy Florida JEA Duke Energy Business Georgia Power TECO GRU 15
 \$ per MWh not including taxes and fees

Community Development

JEA's Youth Education Programs

MISSION



Energizing our community through high-value energy and water solutions.

VISION



JEA is a premier service provider, valued asset and vital partner in advancing our community.

VALUES



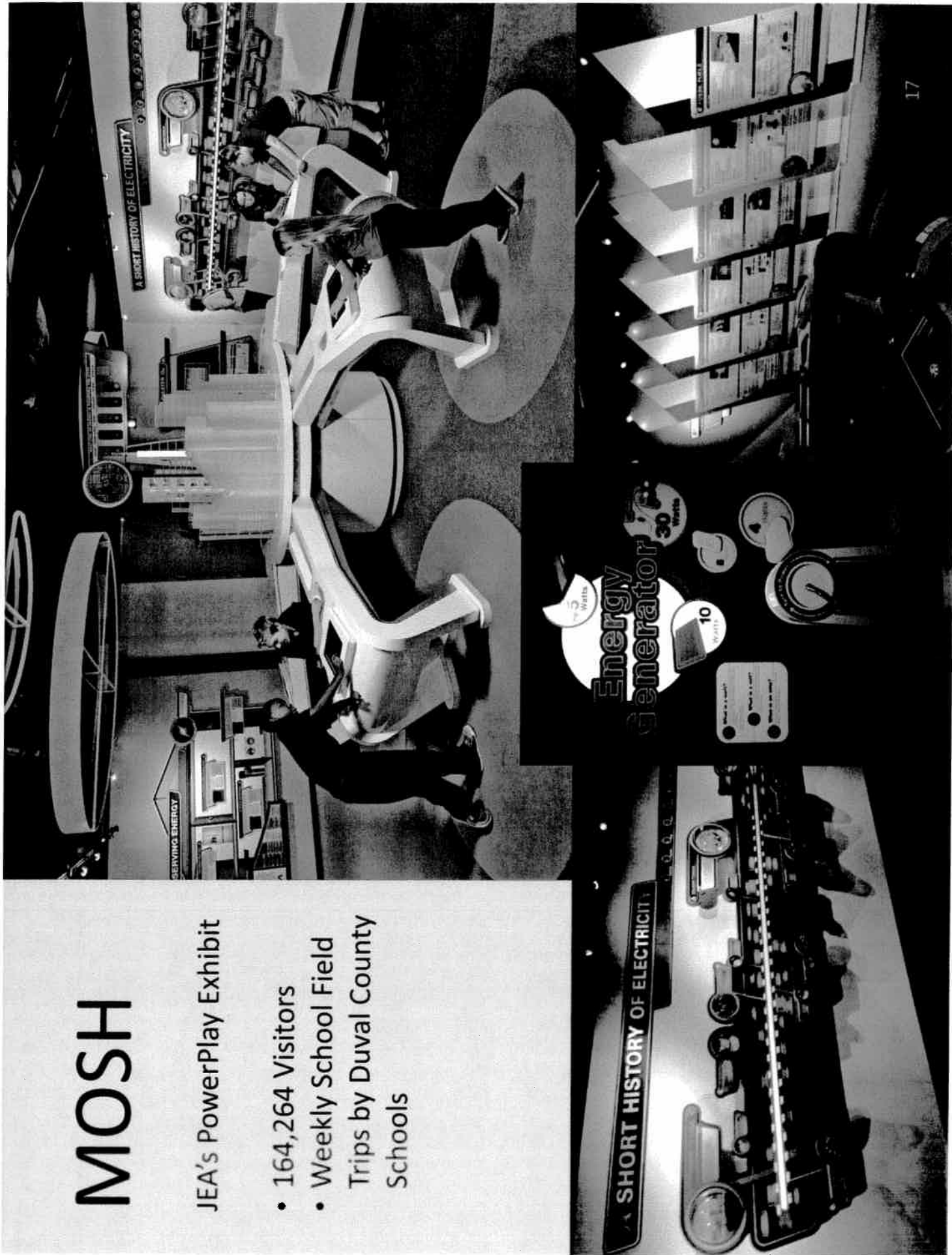
- Safety
- Service
- Growth²
- Accountability
- Integrity

JEA's Youth Oriented Educational Programs support our Mission, Vision and Values and are an integral part of our overall commitment to being socially responsible.

MOSH

JEA's PowerPlay Exhibit

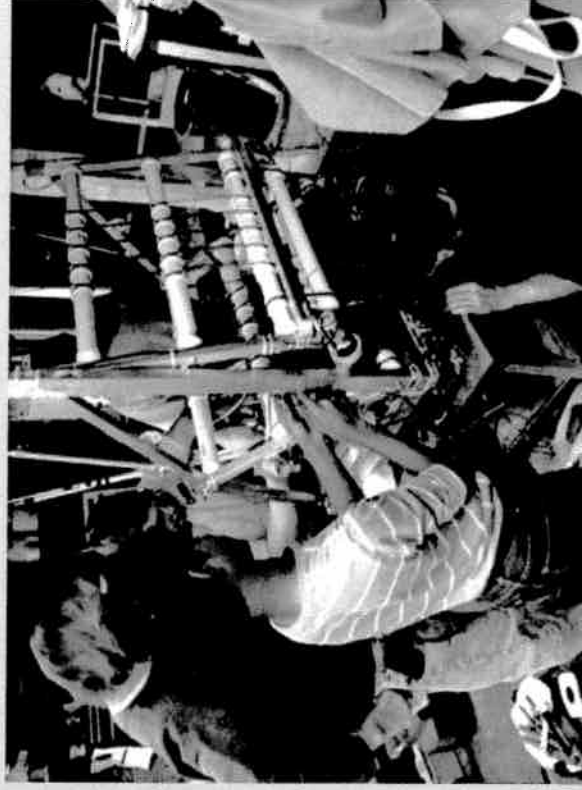
- 164,264 Visitors
- Weekly School Field Trips by Duval County Schools



Keep Jacksonville Beautiful



Stanton Robotics



Junior Achievement



FINANCE PARK
Virtual

An online educational game that helps kids learn personal finance skills

Energy & Water Conservation, Safety & Science Materials for the Classroom

Interactive Programs

"GoGreen" for Elementary Schools
Grades: 2-4

JEA donor presentation for elementary schools. "GoGreen" is an alien from a faraway planet called "GoGreen." He has a water "jet-pack" and teaches "Kellie." He has come to Earth in search of a better life (as well as other ways to save energy and water). To schedule a show for your school, contact Tom Hill at 800-724-4688. Visit www.kimball.org for more information.

"Jamal" for Middle Schools
Grades: 6-8

JEA presentation for middle schools. "Jamal" is a jester who has come from the Jamaican Islands. He has come to Florida to share his knowledge about conservation and renewable energy that he has learned back home. To schedule the presentation for your school, contact Tom Hill at 800-724-4688. Visit www.kimball.org for more information.

JEA Energy Detective

Investigate energy technology in our 45-minute, fun-filled interactive program! Learn what energy is and where it comes from. Discover ways to conserve energy at school and home. Experiments with multiple energy storage systems. This program is designed specifically for 5th grade students. To schedule a program for your class, contact Tom Hill at 800-724-4688. Visit www.kimball.org for more information.

JEA Water Detective

Investigate water technology in our 45-minute, fun-filled interactive program! Learn the uses, source and use of water. Discover ways to conserve water at school and home. Experiments with water stations and properties. This program is designed specifically for 5th grade students. To schedule a program for your class, contact Tom Hill at 800-724-4688. Visit www.kimball.org for more information.

Visit e-SMARTkids Website

jea.e-smartonline.net

The e-SMARTkids website contains the most fun and helpful materials for energy, water conservation, and electrical safety.

- Over 1000 educational links and posters
- Download teacher's guides and more
- Enjoy playing games, doing experiments, and reading fascinating stories, fun facts, and more

Science Screen Report for Kids

Elementary and middle school
Volume 23 (2013/2014)
#92186

Science Screen Report

Upper middle and high school
Volume 43 (2013/2014)
#92185

The fascinating series of educational DVD's (16 titles are produced each year) are designed to give the increasingly complex array of today's scientific and technological development actions to students in a fun, easy, and enjoyable way. The series focuses on the most recent breakthroughs in science, technology, and the environment. A comprehensive teacher guide goes along with each DVD and accompanying materials such as. Additional teacher guides are available online at www.kimball.org. Programs can be downloaded or ordered as long as they are not broadcast to the public, or outside the JEA service territory.



JEA
Joining the Green Revolution

Educational Materials
104 Bridge Road
Salisbury, MA 01952

Renal Schools' Green Champions Program

Renal Schools' Green Champions Program awards green-champion students at each school to promote sustainability—energy and water conservation and recycling. Operations of the program are to reduce operating costs, save natural resources, and improve environmental sustainability on the curriculum. Green Champions contribute to the Green Champions of the Year award. To get involved, contact your school's Green Champion or Susan Green at susan@kimball.org.



Join the JEA Education Adventure
FREE Educational Materials Offer Inside!

- 80,000 to 90,000 pieces of material annually
- More than 32,000 students participated in interactive programs
- Green Champions promote sustainability at the schools



The Search for a Better Light is the story about an alien named Reddus who comes to earth to search for a better source of light to take back home to planet GoGreen. His goal is to conserve water and electricity, and to reduce, reuse and recycle all resources that will be instrumental in preserving the planets.



Let JEA bring a free energy conservation performance to your school!

Nearly 10,000 students have already enjoyed "The Search for a Better Light." The performance has older means than 20 elementary schools including Holiday Hills, Long Lake and Fort Collins. Teachers consistently give the performance a excellent review!



The Search for a Better Light is the story about an alien named Reddus who comes to earth to search for a better source of light to take back home to planet GoGreen. His goal is to conserve water and electricity, and to reduce, reuse and recycle all resources that will be instrumental in preserving the planets.

The one-man performance targets students in 2nd-5th grades. It is performed by veteran local actor Bruce Robinson, whose high energy, unique style captivates students' attention. The content of the presentation coincides with the Science Curriculum covered in the Sustainable State Standard.

This fun and highly entertaining program lasts between 30 and 45 minutes. Depending on the level of student participation and your specific needs.

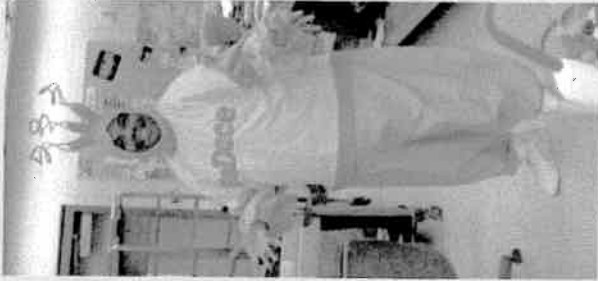
Schedule a performance now! All that is required is a 10' x 10' space for the actor. Performances can be held in large school auditoriums or in smaller classrooms. To ensure that two performances will be scheduled on one school day.

Please contact Greg Combs at Tree Hill Nature Center at 724-6636 to bring this free program to your school to give students a lesson in conservation that will certainly enjoy and share with their families.

We would love to bring the energetic program to your school next!



JEA's Interactive Theatrical Presentations Make Learning Fun



Because our elementary theater program, "The Search for a Better Light," has gotten such excellent reviews, we have designed a new program for middle school students.



Elementary School Program



Middle School Program

Let JEA bring a free energy conservation performance to your school!



"You Can't Beat That" is about a man named Jamal who comes from the islands to share his knowledge about water and electricity conservation. The presentation consists of a rap about conservation followed by a game show that engages student participation.

This one-man performance targets students in 6th - 8th grades. It is performed by veteran local actor Bruce Robinson, whose high-energy, unique style captivates and holds students' attention. The content of the presentation reinforces the Science Curriculum covered in the Florida Common Core Standards.

This fun and highly entertaining program lasts about 50 minutes depending on the level of student participation and your specific needs.

Schedule a performance now! All that's required is a 10' x 10' space for the actor. Performances can be held in large school auditoriums or individual classrooms. No more than two performances will be scheduled for one school day.

Please contact Greg Combs at Tree Hill Nature Center at educator@treehill.org to bring this free program to your school. You'll give students a lesson in energy and water conservation they'll take home and share with their families!



Tree Hill Nature Center provides a natural environment for kids to learn about preserving our precious resources



Energy Detective

Investigate energy technology in our 45-minute, interactive program!



- **LEARN** what energy is and where it comes from
- **DISCOVER** ways to conserve energy at school and home
- **EXPERIMENT** with multiple energy saving products



Water Detective

Investigate water technology in our 45-minute, interactive program!

- **LEARN** about the state's sources and uses of water
- **DISCOVER** ways to conserve water at school and home
- **EXPERIMENT** with water sources and properties



Sponsored By **JEA**

Tree Hill Nature Center
Green Our Imagination
10000 Old Stage Road
Columbia, SC 29204
Phone: 803.732.4646

Programs are FREE!
To schedule a program,
contact Tree Hill at 803.732.4646



Economic Development

Questions